

**Supplementary Table 1.** Clinicopathological parameters of patients with gastric adenocarcinoma included in this study

Patient ID	Clinicopathological parameter							Epigenomic clustering <sup>4</sup>	Whole-exome analysis
	Age group (years)	Gender	Helicobacter pylori infection	Histological classification		T category <sup>3</sup>	Pathological stage <sup>3</sup>		
				Predominant <sup>1</sup>	Most aggressive <sup>2</sup>				
Case 1	60 to under 70	M	-	pap	tub1	2	I B	A	Y
Case 2	60 to under 70	M	+	tub1	por2	2	I B	B2	Y
Case 3	70 to under 80	M	+	por1	por1	3	II B	A	ND
Case 4	70 to under 80	M	+	por1	sig	2	II A	B2	Y
Case 5	40 to under 50	F	+	por1	por1	1	I A	B2	ND
Case 6	50 to under 60	M	+	muc	por2	4a	III B	B2	Y
Case 7	60 to under 70	M	-	tub1	tub1	1	I A	B2	ND
Case 8	50 to under 60	F	+	sig	sig	1	I A	B2	ND
Case 9	70 to under 80	M	+	tub2	tub2	2	I B	B2	ND
Case 10	70 to under 80	M	-	por2	por2	4a	III C	B2	ND
Case 11	70 to under 80	M	+	por2	por2	3	II B	B2	ND
Case 12	60 to under 70	M	+	tub1	tub1	1	I A	A	ND
Case 13	60 to under 70	M	+	sig	sig	4a	IV	B2	ND
Case 14	60 to under 70	M	-	tub2	tub2	3	II B	A	Y
Case 15	70 to under 80	M	+	por2	sig	4a	III C	A	ND
Case 16	50 to under 60	M	-	por2	por2	4a	III C	B1	Y
Case 17	60 to under 70	M	+	tub1	por2	4a	III A	B2	ND
Case 18	60 to under 70	M	-	tub1	por	3	II A	A	ND
Case 19	60 to under 70	M	-	tub2	tub2	4a	III C	A	ND
Case 20	70 to under 80	M	+	por2	sig	4a	III C	A	ND
Case 21	60 to under 70	F	+	tub2	tub2	1	I A	A	ND
Case 22	60 to under 70	F	+	tub2	tub2	1	I B	B2	ND
Case 23	50 to under 60	M	-	tub2	por2	3	II B	B1	ND
Case 24	20 to under 30	F	+	por2	por2	4a	III C	B2	ND
Case 25	60 to under 70	M	+	por1	por1	4a	III C	B2	Y
Case 26	70 to under 80	F	-	por2	por2	3	II A	B1	Y
Case 27	60 to under 70	F	+	por2	por2	4a	IV	B1	ND
Case 28	50 to under 60	F	+	tub2	por1	2	II B	B1	ND
Case 29	70 to under 80	M	-	tub1	tub1	4a	IV	B2	ND
Case 30	60 to under 70	M	-	por1	por1	2	I B	B2	ND
Case 31	60 to under 70	M	-	por1	por1	1	I B	B2	Y
Case 32	50 to under 60	M	-	por2	por2	4a	III C	B2	ND
Case 33	70 to under 80	M	+	tub1	tub1	3	III A	B2	ND
Case 34	70 to under 80	M	-	por2	sig	4a	III C	B2	Y
Case 35	70 to under 80	F	+	tub1	por1	4a	III B	B2	Y
Case 36	60 to under 70	F	+	tub2	tub2	3	III A	B2	Y
Case 37	50 to under 60	M	+	tub2	por2	4a	III C	B2	ND
Case 38	80 to under 90	M	+	pap	por	4a	III C	B1	ND
Case 39	60 to under 70	M	+	tub2	por2	4a	III C	B2	ND
Case 40	70 to under 80	M	+	tub2	tub2	4a	III B	A	Y
Case 41	70 to under 80	M	-	tub1	tub1	1	I A	B2	ND
Case 42	60 to under 70	M	+	tub1	tub1	3	II A	B1	ND
Case 43	60 to under 70	M	-	tub2	por	3	III B	B2	Y
Case 44	50 to under 60	M	+	por1	por1	4a	III C	B2	Y
Case 45	80 to under 90	F	-	por2	por2	4a	III C	B2	Y
Case 46	30 to under 40	F	+	sig	sig	1	I A	B2	ND
Case 47	50 to under 60	M	+	por2	sig	4a	III A	B2	Y
Case 48	50 to under 60	M	-	sig	sig	1	I A	B2	ND
Case 49	70 to under 80	M	+	tub1	por	1	I A	A	Y
Case 50	60 to under 70	F	+	tub2	tub2	4a	III B	A	Y
Case 51	50 to under 60	M	+	por2	sig	1	I A	B2	ND
Case 52	60 to under 70	F	+	tub1	tub1	1	I B	A	Y
Case 53	70 to under 80	M	-	por2	por2	3	III A	A	Y
Case 54	50 to under 60	M	+	sig	sig	1	I A	B2	ND
Case 55	40 to under 50	F	+	por2	sig	4a	III B	B1	ND

Case 56	40 to under 50	M	-	por2	por2	4a	III C	B1	Y
Case 57	60 to under 70	F	+	por2	sig	1	I A	B2	ND
Case 58	70 to under 80	F	+	tub2	tub2	3	III A	B2	ND
Case 59	60 to under 70	M	-	tub1	sig	1	I A	A	Y
Case 60	60 to under 70	M	-	tub2	tub2	2	I B	A	ND
Case 61	50 to under 60	M	+	por2	por2	4a	III C	B2	Y
Case 62	60 to under 70	M	+	tub1	tub1	1	I A	B2	Y
Case 63	70 to under 80	M	+	tub2	por2	3	III A	A	Y
Case 64	60 to under 70	M	-	sig	sig	4a	III C	B1	Y
Case 65	50 to under 60	F	-	sig	sig	4a	III C	B2	Y
Case 66	60 to under 70	M	+	tub2	tub2	1	I A	B2	Y
Case 67	70 to under 80	F	+	tub1	tub2	1	I A	B2	Y
Case 68	50 to under 60	F	+	sig	sig	1	I A	B2	ND
Case 69	70 to under 80	M	-	tub2	por	4a	IV	B2	Y
Case 70	70 to under 80	M	+	tub2	por2	3	II B	B2	Y
Case 71	40 to under 50	F	+	sig	sig	4a	IV	B2	Y
Case 72	60 to under 70	M	+	tub1	tub2	3	II B	B2	ND
Case 73	60 to under 70	M	-	tub2	por1	3	III A	A	Y
Case 74	60 to under 70	F	+	por1	por1	4a	III A	B2	Y
Case 75	50 to under 60	M	+	tub2	por	3	II B	B2	Y
Case 76	70 to under 80	M	+	tub2	tub2	3	III A	B2	Y
Case 77	60 to under 70	M	Unknown	sig	sig	4a	IV	B2	Y
Case 78	60 to under 70	M	-	tub2	por	4a	IV	B1	Y
Case 79	70 to under 80	M	Unknown	tub2	tub2	4a	III B	B2	Y
Case 80	60 to under 70	M	+	tub2	por1	3	II B	B2	Y
Case 81	50 to under 60	M	+	por1	por1	3	II B	B1	ND
Case 82	50 to under 60	M	+	por2	por2	4a	II B	B1	Y
Case 83	40 to under 50	F	+	por2	sig	4a	II B	B2	Y
Case 84	70 to under 80	M	+	por2	por2	4a	IV	B1	Y
Case 85	60 to under 70	M	+	por2	por2	4a	II B	B1	Y
Case 86	70 to under 80	M	+	tub2	por2	4b	III C	B2	ND
Case 87	60 to under 70	M	-	tub2	tub2	3	III B	B2	Y
Case 88	50 to under 60	F	-	sig	sig	4a	III C	B2	Y
Case 89	60 to under 70	M	-	por2	por2	4a	III C	B2	Y
Case 90	70 to under 80	M	+	tub2	por2	4a	III C	B1	ND
Case 91	70 to under 80	M	+	tub2	por1	3	II A	B2	Y
Case 92	60 to under 70	M	-	tub2	tub2	4a	IV	A	Y
Case 93	40 to under 50	M	-	por2	sig	4b	IV	B2	Y
Case 94	90 to under 100	M	+	tub2	por1	4a	III C	B2	Y
Case 95	70 to under 80	F	+	tub1	tub1	4a	IV	B2	Y
Case 96	50 to under 60	M	-	tub2	por2	4a	IV	B2	Y
Case 97	60 to under 70	M	-	tub1	tub2	3	IV	B2	Y
Case 98	70 to under 80	F	-	por2	sig	4a	III C	B2	Y
Case 99	60 to under 70	M	+	por2	por2	4a	III A	B1	Y
Case 100	60 to under 70	F	-	por1	por2	4a	IV	B2	Y
Case 101	50 to under 60	F	+	por2	por2	4a	IV	B1	Y
Case 102	40 to under 50	F	+	por2	por2	4a	III C	B2	ND
Case 103	60 to under 70	M	+	muc	sig	4a	III C	A	Y
Case 104	60 to under 70	F	+	por2	por2	4a	III C	B2	Y
Case 105	70 to under 80	M	+	pap	tub1	4a	III B	B1	Y
Case 106	60 to under 70	M	+	muc	sig	4a	III B	B1	Y
Case 107	70 to under 80	M	+	tub2	por2	4a	IV	B2	Y
Case 108	50 to under 60	M	-	tub2	por1	4a	III C	B2	Y
Case 109	70 to under 80	M	+	tub2	por2	4a	III C	B2	Y

M, male; F, female; pap, papillary adenocarcinoma; tub1, tubular adenocarcinoma (well differentiated type); tub2, tubular adenocarcinoma (moderately differentiated type); por1, poorly differentiated adenocarcinoma (solid type); por2, poorly differentiated adenocarcinoma (non-solid type); sig, signet ring cell carcinoma; muc, mucinous adenocarcinoma; Y, done; ND, not done; NA, not applicable.

<sup>1</sup>If the tumor showed heterogeneity, findings in the predominant area were described. <sup>2</sup>If the tumor showed heterogeneity, the most aggressive features of the tumor were described. <sup>3</sup>Based on The Union for International Cancer Control classification (Ref. 20). <sup>4</sup>In our previous study, 109 patients were clustered into 3 subclusters, Clusters A (n=20), B1 (n=20) and B2 (n=69), based on the genome-wide DNA methylation profile (Ref. 13).

**Supplementary Table 2.** Genes showing significant differences of DNA methylation levels in N samples compared to C samples in Clusters A, B1 and B2 ( $P < 0.05$  for Welch's T test after Bonferroni correction and  $\Delta\beta_{N-C} \geq 0.3$  or  $\Delta\beta_{N-C} \leq -0.3$ )

(A) Genes showing significant differences of DNA methylation levels between N and C samples in Cluster A

Gene symbol	Probe ID <sup>1</sup>	National Center for Biotechnology Information (NCBI) Gene ID	Chromosome	Gene region <sup>2</sup>	CpG type <sup>3</sup>	$\Delta\beta_{N-C}$	$P$
ABCC12	cg14074641	94160	16	TSS1500	Open sea	-3.134E-01	2.931E-10
ABCC2	cg09448875	1244	10	TSS200	Open sea	-3.100E-01	1.259E-09
ACTL6B	cg08572611	51412	7	Gene body	Island	4.264E-01	1.542E-12
ACTN2	cg21376883	88	1	Gene body	Island	3.157E-01	4.898E-16
ADAM12	cg11668923	8038	10	1st exon/5'UTR	Island	3.558E-01	1.123E-11
ADAM12	cg13488201	8038	10	TSS200	Island	3.088E-01	1.632E-14
ADAM19	cg07540118	8728	5	1st exon/5'UTR	Island	3.437E-01	9.498E-07
ADAM23	cg16778809	8745	2	1st exon/5'UTR	Island	3.157E-01	4.493E-04
ADAMTS1	cg00472814	9510	21	1st exon/5'UTR	Island	3.566E-01	4.494E-11
ADAMTS1	cg11189837	9510	21	TSS1500	Island	3.385E-01	3.386E-09
ADAMTS18	cg03238797	170692	16	1st exon/5'UTR	Island	4.483E-01	1.599E-18
ADAMTS2	cg14409941	9509	5	Gene body	Island	4.141E-01	2.409E-13
ADAMTS5	cg08190291	11096	21	TSS200	Island	3.735E-01	2.933E-14
ADAMTSL3	cg11611600	57188	15	5'UTR	Island	3.370E-01	1.164E-09
ADCY4	cg16761581	196883	14	1st exon	Island	3.110E-01	3.709E-11
ADCY5	cg13878010	111	3	1st exon	Island	3.292E-01	1.254E-11
ADD2	cg08132931	119	2	5'UTR	Island	3.026E-01	5.056E-06
ADD2	cg25631352	119	2	TSS200	S-Shore	3.765E-01	5.046E-14
ADHFE1	cg01988129	137872	8	Gene body	Island	5.281E-01	1.330E-16
ADRB1	cg14826456	153	10	1st exon	Island	3.222E-01	4.133E-18
ADRB3	cg17619823	155	8	1st exon	Island	3.693E-01	4.979E-16
AEBP1	cg02126753	165	7	1st exon/5'UTR	Open sea	4.023E-01	1.729E-10
AGBL4	cg06744574	84871	1	Gene body	N-Shore	3.637E-01	3.181E-05
AGTR1	cg04878152	185	3	5'UTR	S-Shore	3.428E-01	2.686E-15
AIM2	cg10636246	9447	1	TSS1500	Open sea	-3.481E-01	8.413E-15
AJAP1	cg17525406	55966	1	Gene body	Island	5.266E-01	3.552E-20
AJAP1	cg20959866	55966	1	TSS1500	Island	3.703E-01	6.837E-16
AKAP12	cg01555431	9590	6	Gene body	Island	4.267E-01	2.841E-16
ALDH1A2	cg03365437	8854	15	5'UTR/1st exon	Island	3.378E-01	1.027E-15
ALDH1A3	cg21359747	220	15	Gene body	Island	3.833E-01	5.430E-11
ALG12	cg15316289	79087	22	5'UTR	N-Shore	3.084E-01	1.680E-21
ALK	cg18277754	238	2	5'UTR/1st exon	Island	3.918E-01	4.279E-19
ALPL	cg20645065	249	1	5'UTR	Island	3.395E-01	1.449E-13
ALX4	cg04988423	60529	11	1st exon	Island	3.670E-01	2.094E-09
AMICA1	cg07376232	120425	11	Gene body/TSS1500	Open sea	-3.430E-01	3.346E-15
AMPH	cg10293925	273	7	5'UTR/1st exon	Island	4.993E-01	4.195E-15
ANXA13	cg02800334	312	8	TSS1500	Open sea	-3.352E-01	4.619E-14
APCDD1L	cg23418591	164284	20	TSS1500	S-Shore	3.022E-01	1.289E-15
ASAM	cg19096475	79827	11	TSS1500	Island	3.416E-01	9.246E-15
ATP10A	cg19326876	57194	15	Gene body	Island	3.022E-01	2.859E-14
ATP2B4	cg22226839	493	1	5'UTR/1st exon	N-Shelf	3.168E-01	8.312E-11
ATP8A2	cg18236477	51761	13	Gene body	Island	3.205E-01	1.245E-14
ATP8B2	cg08190044	57198	1	5'UTR	Island	3.021E-01	2.569E-05
ATRNL1	cg04335339	26033	10	TSS200	Island	3.044E-01	6.772E-07
AZGP1	cg12019109	563	7	TSS1500	Open sea	-3.149E-01	3.612E-14
B3GALT5	cg11479877	10317	21	1st exon/5'UTR	Open sea	-3.072E-01	3.119E-10
B3GAT1	cg11038843	27087	11	5'UTR	Island	3.388E-01	9.546E-10
BAALC	cg10918202	79870	8	1st exon	Island	3.594E-01	2.642E-09
BCAN	cg21475402	63827	1	5'UTR	Island	3.545E-01	3.734E-14
BEND5	cg06744574	79656	1	1st exon	N-Shore	3.637E-01	3.181E-05
BLNK	cg16779976	29760	10	1st exon	Open sea	-3.896E-01	8.050E-14
BMPR1B	cg09156233	658	4	5'UTR	Island	3.608E-01	4.712E-14
BNC1	cg10398682	646	15	Gene body	Island	3.287E-01	1.712E-16
BNC1	cg18952647	646	15	TSS1500	Island	4.510E-01	1.141E-17
BNC1	cg19988449	646	15	Gene body	Island	3.054E-01	3.186E-12
BPI	cg08254089	671	20	Gene body	Open sea	-3.262E-01	3.254E-16
BPTF	cg16435601	2186	17	1st exon	S-Shore	-3.605E-01	1.417E-19
BRSK2	cg01468621	9024	11	Gene body	Island	3.513E-01	1.787E-08
BTG4	cg01192900	54766	11	TSS1500	Island	3.197E-01	3.542E-14
BTG4	cg22879515	54766	11	TSS1500	Island	3.938E-01	6.037E-11
BTG4	cg23211240	54766	11	TSS1500	Island	3.864E-01	3.170E-15
C10orf25	cg00899659	220979	10	Gene body	N-Shore	-3.141E-01	4.402E-12
C10orf72	cg02569613	196740	10	Gene body	N-Shore	3.379E-01	2.608E-14
C14orf132	cg16539629	56967	14	Gene body	Island	3.027E-01	1.490E-10
C14orf139	cg10145926	161176	14	Gene body	Open sea	-3.008E-01	1.364E-14
C14orf162	cg14912575	56936	14	TSS1500	Island	3.601E-01	8.168E-21
C17orf73	cg03016571	55018	17	Gene body	Open sea	-4.011E-01	3.072E-12
C17orf93	cg12374721	360205	17	TSS1500	N-Shore	4.215E-01	1.130E-14
C1orf229	cg23695504	388759	1	1st exon	Island	3.064E-01	2.510E-08
C1QL1	cg13818573	10882	17	1st exon	Island	3.391E-01	2.566E-08
C1QTNF3	cg18752880	114899	5	TSS200	Open sea	3.048E-01	3.340E-14
C8orf56	cg10918202	157556	8	Gene body	Island	3.594E-01	2.642E-09
C9orf25	cg23579062	203259	9	Gene body	Island	3.008E-01	1.594E-16
CABP7	cg20256494	164633	22	1st exon	Island	3.010E-01	9.986E-10
CACNA1A	cg22187630	773	19	1st exon	Island	3.036E-01	2.277E-13
CACNA1G	cg18454685	8913	17	Gene body	Island	3.412E-01	3.462E-14

CACNB2	cg01805540	783	10	1st exon/5'UTR	Island	4.450E-01	1.483E-13
CARTPT	cg23300372	9607	5	Gene body	Island	3.448E-01	1.580E-13
CASP2	cg09243021	835	7	TSS1500	N-Shore	3.739E-01	1.158E-22
CASP8	cg26799474	841	2	5'UTR	Open sea	-3.108E-01	1.270E-14
CBLN4	cg25993718	140689	20	TSS200	Island	3.382E-01	1.932E-15
CCDC105	cg09601629	126402	19	Gene body	S-Shore	3.083E-01	1.796E-12
CCDC141	cg12501949	285025	2	TSS1500	Open sea	-3.149E-01	1.087E-13
CCDC37	cg00891278	348807	3	1st exon/5'UTR	Island	3.639E-01	4.106E-17
CCDC37	cg20312228	348807	3	TSS200	Island	3.598E-01	2.717E-19
CCL14-CCL15	cg23743114	NA	17	Gene body	Open sea	-4.730E-01	4.591E-12
CCL15	cg23743114	6359	17	Gene body	Open sea	-4.730E-01	4.591E-12
CCL28	cg03077492	56477	5	TSS1500	Open sea	-3.166E-01	6.429E-08
CCNA1	cg12571423	8900	13	5'UTR/1st exon	S-Shore	3.277E-01	2.162E-13
CD209	cg07608333	30835	19	TSS1500	Open sea	-3.350E-01	2.273E-20
CD53	cg22325572	963	1	5'UTR	Open sea	-3.062E-01	3.875E-12
CD8A	cg17108819	925	2	5'UTR/1st exon/Gene body	Island	3.600E-01	2.007E-08
CDH11	cg10065825	1009	16	TSS1500	Island	3.033E-01	2.772E-12
CDH11	cg12163490	1009	16	5'UTR/1st exon	Island	3.265E-01	5.739E-16
CDH13	cg00806490	1012	16	Gene body	Island	3.573E-01	1.380E-16
CDH17	cg12038710	1015	8	5'UTR	Open sea	-3.367E-01	3.750E-09
CDH8	cg11323198	1006	16	5'UTR	Island	3.912E-01	1.979E-15
CDO1	cg12880658	1036	5	1st exon/5'UTR	Island	3.101E-01	1.090E-10
CEBPG	cg15046693	1054	19	TSS1500	N-Shore	-3.032E-01	2.652E-13
CELSR1	cg06268694	9620	22	1st exon	Island	4.612E-01	1.556E-12
CELSR3	cg06621358	1951	3	1st exon	Island	3.109E-01	8.215E-17
CENPP	cg24105685	401541	9	Gene body	Open sea	-3.687E-01	4.743E-14
CES3	cg09407859	23491	16	Gene body	Open sea	-3.385E-01	8.025E-16
CGB5	cg24908058	93659	19	5'UTR/1st exon	Open sea	3.050E-01	2.790E-19
CHAT	cg11389172	1103	10	5'UTR	Island	4.019E-01	1.390E-12
CHAT	cg14008883	1103	10	5'UTR	Island	3.302E-01	4.758E-17
CHD5	cg08080029	26038	1	Gene body	Island	3.246E-01	4.535E-05
CHGA	cg12422450	1113	14	Gene body	Island	3.416E-01	9.389E-11
CHRNA3	cg04603031	1136	15	5'UTR/1st exon	Island	3.608E-01	3.414E-13
CHST12	cg03545635	55501	7	5'UTR	N-Shore	-3.644E-01	2.570E-08
CLEC11A	cg20308817	6320	19	TSS1500	N-Shore	3.084E-01	1.054E-17
CLEC2D	cg12810837	29121	12	TSS200	Open sea	-3.123E-01	2.792E-15
CLRN3	cg23817637	119467	10	TSS1500	Open sea	-3.350E-01	1.916E-18
CMTM2	cg01683883	146225	16	TSS1500	Island	3.294E-01	3.810E-16
CNIH3	cg00290506	149111	1	1st exon/5'UTR	Island	4.300E-01	2.144E-16
CNR1	cg23276695	1268	6	5'UTR/TSS1500	Open sea	-3.730E-01	3.688E-23
CNRIP1	cg07080358	25927	2	1st exon	Island	4.752E-01	1.173E-12
CNTNAP2	cg07028533	26047	7	TSS200	Island	3.054E-01	4.910E-13
CNTNAP2	cg16254309	26047	7	Gene body	S-Shore	3.580E-01	1.551E-15
COL15A1	cg19461644	1306	9	Gene body	Island	3.837E-01	1.664E-17
COL23A1	cg10730712	91522	5	TSS1500	S-Shore	3.540E-01	1.464E-11
COL4A1	cg27546237	1282	13	TSS1500	Island	3.474E-01	1.622E-16
COL4A2	cg27546237	1284	13	Gene body	Island	3.474E-01	1.622E-16
COL5A1	cg26024843	1289	9	1st exon/5'UTR	Island	3.353E-01	5.451E-15
COLEC12	cg19461621	81035	18	TSS1500	S-Shore	3.740E-01	7.024E-16
COMP	cg09949775	1311	19	1st exon/5'UTR	Island	3.753E-01	1.905E-18
CPA3	cg24290574	1359	3	1st exon	Open sea	-3.411E-01	1.001E-14
CPLX2	cg19885761	10814	5	5'UTR/1st exon	Island	4.003E-01	1.055E-11
CPNE8	cg23495733	144402	12	Gene body	N-Shore	3.371E-01	8.043E-11
CPZ	cg03292388	8532	4	5'UTR/1st exon	Island	3.636E-01	1.354E-14
CRELD2	cg15316289	79174	22	TSS1500	N-Shore	3.084E-01	1.680E-21
CRHR2	cg14896516	1395	7	TSS1500	Island	3.696E-01	2.162E-08
CRISPLD1	cg05624932	83690	8	5'UTR	S-Shore	3.022E-01	4.103E-09
CRMP1	cg03544320	1400	4	1st exon	Island	4.317E-01	2.834E-06
CRYBA4	cg15559737	1413	22	TSS1500	Open sea	3.083E-01	1.159E-19
CSMD1	cg22619018	64478	8	TSS1500	Island	5.625E-01	1.414E-20
CSTL1	cg20171451	128817	20	TSS1500	Open sea	3.458E-01	2.375E-28
CTNNA3	cg00132141	29119	10	TSS1500	Open sea	-3.505E-01	3.507E-24
CTNND2	cg25302419	1501	5	5'UTR/1st exon	Island	3.236E-01	1.700E-13
CTSF	cg06817264	8722	11	Gene body	Island	3.203E-01	5.013E-14
CUX2	cg09229912	23316	12	1st exon/5'UTR	Island	4.852E-01	3.580E-20
CUX2	cg17190608	23316	12	TSS1500	Island	3.328E-01	9.690E-12
CWH43	cg25484904	80157	4	TSS1500	Island	3.057E-01	4.895E-14
CXCR1	cg13519373	3577	2	5'UTR	Open sea	-3.319E-01	1.384E-16
CYP26B1	cg04884908	56603	2	1st exon	Island	3.220E-01	9.772E-15
CYP4F11	cg24655310	57834	19	1st exon/Gene body	Open sea	3.137E-01	2.074E-12
DAB1	cg00848728	1600	1	5'UTR/1st exon	Island	3.039E-01	6.355E-12
DBC1	cg25935911	1620	9	TSS1500	S-Shore	3.805E-01	7.514E-19
DCC	cg01839464	1630	18	Gene body	Island	3.774E-01	3.468E-15
DCC	cg23242898	1630	18	Gene body	N-Shore	3.529E-01	2.018E-12
DCHS1	cg01086895	8642	11	5'UTR	Island	3.446E-01	1.167E-12
DES	cg18182399	1674	2	1st exon/5'UTR	N-Shore	3.296E-01	1.672E-10
DGKI	cg06277657	9162	7	TSS1500	Island	3.372E-01	5.070E-15
DHFR	cg08244028	1719	5	Gene body	N-Shore	-3.055E-01	4.314E-19
DLK1	cg17412258	8788	14	TSS1500	Island	3.757E-01	5.557E-16
DLX5	cg11997899	1749	7	TSS200	Island	3.187E-01	2.391E-13
DLX5	cg13344740	1749	7	5'UTR/1st exon	Island	3.370E-01	5.517E-19
DLX5	cg13462129	1749	7	Gene body	Island	3.077E-01	7.091E-13

DMBX1	cg09914444	127343	1	TSS1500	Open sea	-3.149E-01	1.761E-13
DMKN	cg10133777	93099	19	TSS1500	Open sea	-3.565E-01	1.358E-18
DMRT1	cg03168582	1761	9	1st exon	Island	5.442E-01	7.063E-17
DMRT2	cg00250430	10655	9	5'UTR	N-Shore	3.536E-01	7.895E-14
DMRT3	cg12420104	58524	9	1st exon	Island	3.158E-01	1.004E-08
DNAI1	cg23579062	27019	9	TSS1500	Island	3.008E-01	1.594E-16
DNM3	cg23391785	26052	1	Gene body	Island	4.034E-01	4.754E-09
DPYS	cg10303487	1807	8	1st exon	Island	5.085E-01	2.962E-15
DPYSL4	cg12109455	10570	10	Gene body	Island	3.460E-01	1.080E-17
DPYSL5	cg26195812	56896	2	5'UTR	Island	3.439E-01	1.814E-10
DSCR10	cg17233935	259234	21	TSS1500	Open sea	-3.119E-01	5.121E-18
DTX1	cg11939071	1840	12	TSS1500	Island	4.022E-01	2.224E-13
DUSP2	cg01148741	1844	2	TSS1500	Island	-3.629E-01	8.973E-17
DYRK2	cg21281799	8445	12	TSS1500	N-Shore	-3.178E-01	2.005E-16
ECEL1	cg25431974	9427	2	TSS1500	Island	3.510E-01	1.301E-20
ECM2	cg24105685	1842	9	TSS1500	Open sea	-3.687E-01	4.743E-14
EDIL3	cg03478689	10085	5	TSS200	Island	3.081E-01	3.007E-12
EDIL3	cg16773899	10085	5	5'UTR/1st exon	Island	3.793E-01	2.435E-18
EDNRB	cg23316360	1910	13	5'UTR/1st exon	Island	4.647E-01	4.961E-22
EFCAB1	cg22836229	79645	8	5'UTR/1st exon/Gene body	Island	3.794E-01	4.440E-16
EIF4E3	cg13562542	317649	3	5'UTR	Island	4.131E-01	2.276E-12
ELMO1	cg08453021	9844	7	TSS200	Island	3.607E-01	2.734E-12
ELMO1	cg19118812	9844	7	5'UTR/1st exon	Island	3.867E-01	2.146E-06
ELN	cg05822532	2006	7	1st exon	Open sea	3.351E-01	2.654E-11
ELOVL2	cg13562911	54898	6	Gene body	Island	4.574E-01	5.321E-11
ELOVL4	cg13297865	6785	6	TSS200	Island	4.112E-01	1.285E-11
ENO2	cg13334990	2026	12	1st exon/5'UTR	Island	3.211E-01	8.855E-13
EPB41L3	cg00027083	23136	18	5'UTR	Island	3.882E-01	2.079E-08
EPHA10	cg07447922	284656	1	TSS200	Island	3.025E-01	1.039E-09
EPHA10	cg12128017	284656	1	1st exon/5'UTR	Island	3.444E-01	4.748E-15
EPHA5	cg18420965	2044	4	Gene body	N-Shore	3.974E-01	3.080E-15
EPHA7	cg08001895	2045	6	TSS1500	Island	3.097E-01	3.740E-13
EPO	cg08575537	2056	7	Gene body	Island	4.831E-01	2.574E-12
ERBB4	cg07015629	2066	2	1st exon	Island	3.482E-01	2.457E-09
ERBB4	cg20637307	2066	2	TSS1500	S-Shore	3.399E-01	3.730E-07
ERC2	cg04759439	26059	3	TSS1500	Island	4.210E-01	8.390E-20
ESR1	cg20253551	2099	6	Gene body/1st exon	Island	3.026E-01	1.170E-08
EYA4	cg01805282	2070	6	5'UTR	Island	3.580E-01	3.240E-16
EYA4	cg24176563	2070	6	5'UTR/1st exon	Island	3.419E-01	3.325E-16
EYA4	cg26656135	2070	6	5'UTR/1st exon	Island	3.217E-01	1.662E-11
FAM123A	cg22029275	219287	13	1st exon/5'UTR	Island	4.059E-01	4.139E-10
FAM150A	cg17162024	389658	8	TSS1500	Island	3.982E-01	2.577E-15
FAM19A4	cg13921352	151647	3	TSS200	Island	4.235E-01	4.778E-14
FAM20A	cg01697732	54757	17	TSS1500	Island	3.622E-01	1.810E-05
FAM20A	cg13591701	54757	17	5'UTR/1st exon	Island	3.386E-01	1.041E-08
FAM43B	cg20404387	163933	1	1st exon/5'UTR	Island	3.492E-01	2.629E-18
FBN1	cg18671950	2200	15	Gene body	Island	3.997E-01	5.791E-17
FBN2	cg25084878	2201	5	1st exon/5'UTR	Island	4.707E-01	1.596E-22
FBXO39	cg20723355	162517	17	5'UTR	Island	4.299E-01	2.458E-15
FCRL3	cg25259754	115352	1	Gene body	Open sea	-3.125E-01	1.957E-14
FERD3L	cg25691167	222894	7	1st exon	Island	3.874E-01	1.203E-12
FGF10	cg20387341	2255	5	TSS1500	Open sea	3.533E-01	3.150E-17
FGF2	cg25583174	2247	4	1st exon	Island	3.399E-01	3.117E-07
FGF3	cg15337897	2248	11	TSS1500	Island	3.852E-01	5.492E-16
FGF5	cg18638496	2250	4	TSS1500	N-Shore	3.020E-01	9.911E-11
FGF8	cg16584573	2253	10	1st exon	Island	3.568E-01	2.774E-14
FGFR1	cg08722122	2260	8	TSS1500	S-Shore	3.413E-01	1.260E-19
FLI1	cg17872757	2313	11	Gene body/5'UTR	Island	3.627E-01	4.243E-06
FLRT2	cg17410236	23768	14	1st exon/5'UTR	Island	4.594E-01	6.224E-19
FLT3	cg07017374	2322	13	Gene body	Island	4.505E-01	2.205E-11
FLT4	cg00489401	2324	5	Gene body	Island	3.956E-01	2.105E-11
FOXD3	cg22815110	27022	1	1st exon	Island	3.960E-01	2.608E-17
FOXG1	cg10300684	2290	14	1st exon/5'UTR	N-Shore	3.354E-01	2.392E-12
FOXI2	cg13929328	399823	10	1st exon	Island	3.248E-01	3.938E-14
FOXI2	cg19884262	399823	10	1st exon	Island	3.590E-01	5.855E-18
FOXL1	cg06995715	2300	16	1st exon	Island	3.651E-01	2.907E-14
FZD10	cg23054883	11211	12	1st exon	Island	3.774E-01	5.723E-17
FZD2	cg25228126	2535	17	1st exon	Island	3.068E-01	2.823E-11
GABBR2	cg02058918	9568	9	1st exon	Island	3.732E-01	6.081E-09
GAL3ST3	cg21238818	89792	11	5'UTR/1st exon	Island	3.597E-01	1.152E-20
GALR1	cg00662556	2587	18	Gene body	Island	3.239E-01	6.726E-16
GALR1	cg04534765	2587	18	1st exon/5'UTR	Island	4.577E-01	2.273E-10
GALR1	cg10486998	2587	18	TSS1500	Island	3.477E-01	1.913E-14
GALR1	cg15343119	2587	18	TSS1500	Island	3.135E-01	7.630E-12
GALR1	cg26721264	2587	18	TSS1500	Island	4.736E-01	5.178E-19
GBGT1	cg01169778	26301	9	5'UTR	Island	4.378E-01	5.420E-30
GBX2	cg06954481	2637	2	1st exon	Island	4.186E-01	3.894E-14
GCM1	cg20967220	8521	6	TSS200	Open sea	-3.036E-01	4.060E-09
GCM2	cg02844545	9247	6	1st exon/5'UTR	Island	3.256E-01	1.284E-16
GDAP1L1	cg04448487	78997	20	TSS200	Island	3.782E-01	1.216E-17
GDNF	cg07442479	2668	5	1st exon/5'UTR	Island	3.947E-01	1.962E-16
GDPD3	cg13543096	79153	16	TSS1500	Open sea	3.382E-01	2.043E-14

GFPT2	cg21937886	9945	5	Gene body	Island	4.225E-01	5.880E-13
GJD2	cg21053529	57369	15	TSS200	Island	3.151E-01	7.360E-13
GLB1L3	cg19674669	112937	11	Gene body	Island	3.535E-01	1.281E-14
GLRB	cg09688546	2743	4	1st exon/TSS200/5'UTR	Island	3.319E-01	6.110E-12
GNA15	cg26482939	2769	19	Gene body	Open sea	-3.641E-01	3.883E-20
GNG4	cg09649610	2786	1	TSS1500/1st exon/5'UTR	Island	3.186E-01	7.556E-10
GPC6	cg16792800	10082	13	1st exon/5'UTR	Island	3.568E-01	2.285E-10
GPR128	cg23855093	84873	3	1st exon	Open sea	-3.210E-01	1.324E-16
GPR26	cg02757432	2849	10	1st exon	Island	3.712E-01	1.125E-17
GPR27	cg13562542	2850	3	1st exon	Island	4.131E-01	2.276E-12
GPR6	cg26252167	2830	6	1st exon	Island	3.318E-01	4.015E-10
GPR75	cg19664945	10936	2	TSS1500	S-Shore	3.371E-01	1.513E-10
GPSM1	cg14934821	26086	9	Gene body	Island	-3.273E-01	1.137E-12
GRASP	cg04034767	160622	12	1st exon	Island	3.743E-01	2.621E-06
GREB1	cg10612997	9687	2	TSS1500	Open sea	-3.081E-01	9.437E-12
GRIA2	cg25148589	2891	4	1st exon/5'UTR	N-Shore	3.379E-01	3.857E-18
GRIA4	cg09980522	2893	11	Gene body/1st exon	S-Shore	3.587E-01	4.601E-17
GRIA4	cg19343464	2893	11	5'UTR/1st exon	S-Shore	3.114E-01	3.496E-12
GRIK2	cg26316946	2898	6	1st exon/5'UTR	Island	3.353E-01	2.221E-16
GRIK3	cg06722633	2899	1	Gene body	Island	4.165E-01	5.716E-19
GRM6	cg14859460	2916	5	TSS200	Island	3.813E-01	3.837E-14
GRM6	cg15674997	2916	5	Gene body	Island	3.147E-01	3.353E-26
GSC2	cg26599006	2928	22	Gene body	Island	3.715E-01	3.561E-13
GSX1	cg26609631	219409	13	5'UTR/1st exon	Island	3.755E-01	3.768E-07
GUCY1A2	cg23984434	2977	11	1st exon	Island	3.579E-01	5.124E-09
GUCY2C	cg18754342	2984	12	1st exon	Open sea	-4.310E-01	4.579E-11
HAND2	cg01580681	9464	4	1st exon	N-Shore	3.421E-01	9.012E-16
HBB	cg14544583	3043	11	TSS1500	Open sea	-3.026E-01	9.517E-17
HBQ1	cg07703401	3049	16	1st exon/5'UTR	Island	3.750E-01	4.571E-15
HCN1	cg11285003	348980	5	TSS1500	S-Shore	3.044E-01	2.327E-13
HCN4	cg24396745	10021	15	1st exon/5'UTR	Island	3.035E-01	5.366E-16
HHIP	cg14580567	64399	4	1st exon/5'UTR	Island	3.779E-01	1.482E-16
HHIPL1	cg06834875	84439	14	TSS1500	Island	-3.364E-01	3.247E-15
HIF3A	cg07022477	64344	19	TSS1500	N-Shore	-3.705E-01	4.645E-22
HIST1H2BO	cg12629515	8348	6	TSS1500	N-Shore	-3.592E-01	2.267E-17
HIST1H3J	cg12629515	8356	6	TSS1500	N-Shore	-3.592E-01	2.267E-17
HKR1	cg12024906	284459	19	1st exon/5'UTR	Island	3.361E-01	5.352E-13
HOXA9	cg01381846	3205	7	1st exon	Island	3.684E-01	3.446E-12
HOXA9	cg26521404	3205	7	1st exon	Island	4.665E-01	4.891E-10
HOXA9	cg27009703	3205	7	1st exon	Island	3.058E-01	1.768E-08
HOXB1	cg17233506	3211	17	TSS200	Island	3.045E-01	5.017E-15
HOXB4	cg08089301	3214	17	1st exon	Island	4.669E-01	3.037E-12
HOXB4	cg14458834	3214	17	1st exon	Island	4.206E-01	2.434E-12
HOXB4	cg21546671	3214	17	1st exon	Island	3.928E-01	7.972E-10
HOXC11	cg22709192	3227	12	5'UTR/1st exon	Island	3.975E-01	6.371E-20
HOXD1	cg19001226	3231	2	1st exon/5'UTR	Island	4.355E-01	2.077E-15
HOXD12	cg23130254	3238	2	1st exon	Island	3.460E-01	3.576E-16
HOXD8	cg15520279	3234	2	5'UTR/1st exon	Island	3.553E-01	5.323E-13
HOXD9	cg14991487	3235	2	TSS200	Island	4.121E-01	1.887E-16
HS3ST2	cg19064258	9956	16	1st exon	Island	3.453E-01	2.635E-12
HS3ST3A1	cg07480567	9955	17	1st exon/5'UTR	Island	3.968E-01	4.021E-17
HS3ST3A1	cg18236079	9955	17	TSS1500	S-Shore	3.511E-01	6.319E-10
HSPA2	cg27120999	3306	14	1st exon	Island	3.684E-01	3.709E-21
HSPB3	cg20169062	8988	5	TSS200	Open sea	-3.157E-01	1.476E-13
HTR7	cg06291867	3363	10	1st exon	Island	3.270E-01	2.112E-16
IGF2	cg02166532	3481	11	Gene body/5'UTR/1st exon	Island	3.318E-01	1.617E-17
IGF2	cg13791131	3481	11	5'UTR	Island	3.991E-01	7.673E-16
IGF2	cg20792294	3481	11	5'UTR	Island	3.390E-01	5.274E-14
IGF2	cg25574024	3481	11	5'UTR	Island	4.295E-01	3.262E-16
IGF2AS	cg13791131	51214	11	Gene body	Island	3.991E-01	7.673E-16
IGF2AS	cg20792294	51214	11	Gene body	Island	3.390E-01	5.274E-14
IGF2AS	cg25574024	51214	11	Gene body	Island	4.295E-01	3.262E-16
IGFBP3	cg06713098	3486	7	1st exon	Island	3.264E-01	5.318E-11
IGFBP3	cg15898840	3486	7	1st exon/5'UTR	Island	4.349E-01	5.296E-13
IGFBP7	cg03876618	3490	4	Gene body	Island	3.217E-01	5.638E-15
IGSF21	cg23349790	84966	1	5'UTR/1st exon	Island	5.612E-01	9.642E-11
IL1B	cg07935264	3553	2	TSS200	Open sea	-4.414E-01	7.665E-18
IL1R2	cg17142183	7850	2	TSS200	Open sea	-3.164E-01	7.826E-11
IL21	cg00136405	59067	4	5'UTR/1st exon	Open sea	-3.024E-01	2.409E-15
INS-IGF2	cg02166532	723961	11	Gene body	Island	3.318E-01	1.617E-17
INS-IGF2	cg13791131	723961	11	Gene body	Island	3.991E-01	7.673E-16
INS-IGF2	cg20792294	723961	11	Gene body	Island	3.390E-01	5.274E-14
INS-IGF2	cg25574024	723961	11	Gene body	Island	4.295E-01	3.262E-16
IRX4	cg00243313	50805	5	TSS1500	Island	3.310E-01	6.303E-09
IRX4	cg03963198	50805	5	5'UTR/1st exon	Island	4.631E-01	5.236E-17
ITGA9	cg25870420	3680	3	1st exon	Island	3.528E-01	1.383E-08
IVL	cg25082710	3713	1	TSS1500	Open sea	-3.071E-01	3.020E-14
JAM2	cg03382304	58494	21	1st exon	Island	3.331E-01	5.353E-08
JOSD2	cg13521229	126119	19	Gene body	N-Shore	3.305E-01	1.894E-17
KCNA1	cg08832227	3736	12	Gene body	Island	3.070E-01	2.330E-13
KCNA4	cg15183083	3739	11	1st exon/5'UTR	N-Shore	3.186E-01	3.970E-14
KCNA5	cg20792062	3741	12	5'UTR/1st exon	Island	3.169E-01	1.929E-14

KCNA6	cg26162582	3742	12	5'UTR/1st exon	Island	3.693E-01	3.082E-10
KCNB1	cg24507762	3745	20	TSS1500	N-Shore	3.297E-01	1.448E-16
KCNG1	cg24924779	3755	20	TSS1500	Island	3.614E-01	6.095E-15
KCNH2	cg19781133	3757	7	1st exon	Island	3.215E-01	1.469E-05
KCNH7	cg19965810	90134	2	TSS1500	Open sea	3.196E-01	1.288E-14
KCNQ2	cg08003150	3785	20	1st exon	Island	3.368E-01	1.025E-07
KCNQ3	cg27016990	3786	8	1st exon	Island	3.981E-01	5.706E-04
KCNQ5	cg24687051	56479	6	1st exon	Island	4.760E-01	2.314E-10
KCTD8	cg12300353	386617	4	1st exon	Island	3.497E-01	2.400E-12
KDR	cg14323109	3791	4	TSS200	Island	3.050E-01	1.142E-09
KHDRBS2	cg18239753	202559	6	1st exon/5'UTR	Island	3.732E-01	1.596E-18
KIAA0355	cg10087081	9710	19	5'UTR	Open sea	-3.570E-01	2.329E-12
KIAA0355	cg21665774	9710	19	5'UTR	Open sea	-3.392E-01	1.496E-11
KIF17	cg15613048	57576	1	1st exon	Island	3.664E-01	1.359E-15
KIF1A	cg14662379	547	2	5'UTR	Island	3.660E-01	1.835E-18
KMO	cg18087514	8564	1	Gene body	Open sea	-3.032E-01	2.605E-08
KRT80	cg24506604	144501	12	Gene body	Open sea	-3.180E-01	2.666E-16
KRT85	cg21518208	3891	12	TSS200	S-Shore	-3.604E-01	6.327E-19
L3MBTL4	cg17688525	91133	18	TSS200	S-Shore	3.502E-01	4.536E-10
LACRT	cg07643942	90070	12	TSS1500	Open sea	-3.682E-01	9.645E-21
LAMA1	cg07846220	284217	18	1st exon	Island	4.927E-01	1.455E-12
LAT2	cg03375002	7462	7	TSS1500	Open sea	-3.841E-01	2.375E-18
LCT	cg21375825	3938	2	1st exon	Open sea	-3.658E-01	4.513E-07
LEP	cg19594666	3952	7	TSS200	Island	3.105E-01	3.475E-10
LHX1	cg22660578	3975	17	TSS1500	Island	4.073E-01	3.852E-13
LIN28	cg16530429	79727	1	Gene body	Island	3.065E-01	1.049E-10
LIN7A	cg05647859	8825	12	TSS200	S-Shore	4.499E-01	4.734E-18
LMX1B	cg18453621	4010	9	Gene body	Island	4.269E-01	1.641E-12
LOC100192379	cg05396987	NA	4	Gene body	Island	3.011E-01	2.869E-14
LOC100271831	cg13543096	NA	16	TSS200	Open sea	3.382E-01	2.043E-14
LOC100302652	cg19664945	NA	2	TSS200	S-Shore	3.371E-01	1.513E-10
LOC283392	cg13663218	NA	12	Gene body	Island	3.444E-01	3.204E-17
LOC286002	cg14646244	NA	7	Gene body	N-Shore	-3.211E-01	4.680E-14
LOC389458	cg01870826	NA	7	Gene body	Island	3.133E-01	1.351E-13
LPPR3	cg15640375	79948	19	5'UTR	Island	3.370E-01	3.983E-16
LRFN5	cg04784672	145581	14	5'UTR/1st exon	S-Shore	3.262E-01	1.405E-13
LRTOMT	cg23256971	220074	11	5'UTR/Gene body	S-Shore	3.617E-01	4.528E-30
LVRN	cg25044651	206338	5	1st exon	Island	3.449E-01	2.711E-16
MAFB	cg02497758	9935	20	1st exon	Island	3.251E-01	1.249E-12
MAGI2	cg05902852	9863	7	1st exon	Island	3.081E-01	3.683E-15
MAL	cg06668300	4118	2	Gene body	Island	3.365E-01	2.391E-09
MALL	cg01615704	7851	2	5'UTR/1st exon	Island	3.388E-01	8.165E-14
MCHR2	cg20134215	84539	6	5'UTR	Island	3.276E-01	8.324E-17
MEP1B	cg01941619	4225	18	1st exon	Open sea	-3.251E-01	5.059E-19
MGAT5B	cg00654814	146664	10	1st exon/5'UTR	Island	3.781E-01	5.565E-12
MGMT	cg07638938	4255	10	Gene body	Open sea	4.344E-01	7.115E-29
MGST1	cg11203041	4257	12	TSS1500/5'UTR	Open sea	-3.436E-01	2.041E-17
MIR34B	cg01192900	407041	11	Gene body	Island	3.197E-01	3.542E-14
MIR34B	cg22879515	407041	11	TSS200	Island	3.938E-01	6.037E-11
MIR34B	cg23211240	407041	11	TSS200	Island	3.864E-01	3.170E-15
MIR34C	cg01192900	407042	11	TSS1500	Island	3.197E-01	3.542E-14
MIR34C	cg22879515	407042	11	TSS1500	Island	3.938E-01	6.037E-11
MIR34C	cg23211240	407042	11	TSS1500	Island	3.864E-01	3.170E-15
MLNR	cg02620013	2862	13	1st exon	Island	3.331E-01	5.564E-16
MMP2	cg14400118	4313	16	1st exon/5'UTR	N-Shore	3.051E-01	2.692E-13
MMRN1	cg21092324	22915	4	1st exon	Open sea	-3.281E-01	1.732E-14
MN1	cg27269921	4330	22	5'UTR/1st exon	Island	4.175E-01	1.421E-13
MSC	cg23710218	9242	8	1st exon/5'UTR	Island	3.518E-01	1.637E-20
MSH3	cg08244028	4437	5	TSS1500	N-Shore	-3.055E-01	4.314E-19
MSX1	cg09748975	4487	4	Gene body	Island	3.464E-01	3.855E-08
MTNR1B	cg15842276	4544	11	TSS200	N-Shore	3.046E-01	5.053E-16
MYCBP	cg12792157	26292	1	5'UTR/1st exon	Island	-4.198E-01	3.856E-24
MYCT1	cg02830467	80177	6	TSS1500	Open sea	-3.020E-01	1.878E-17
MYO3A	cg08441170	53904	10	1st exon/5'UTR	Island	4.396E-01	2.203E-11
MYO3A	cg23771603	53904	10	5'UTR	Island	4.840E-01	3.770E-14
MYOD1	cg07271264	4654	11	TSS200	Island	3.010E-01	1.031E-09
MYOD1	cg18555440	4654	11	1st exon	Island	3.241E-01	2.078E-18
NALCN	cg02932669	259232	13	5'UTR	Island	3.167E-01	1.532E-12
NALCN	cg15202954	259232	13	TSS200	Island	4.072E-01	5.858E-17
NAT2	cg12639234	10	8	5'UTR	S-Shelf	-3.814E-01	1.308E-15
NAT8L	cg21269934	339983	4	TSS1500	Island	3.679E-01	3.219E-21
NAV1	cg25167447	89796	1	TSS1500	Island	3.570E-01	1.021E-13
NCAPH	cg01906055	23397	2	TSS1500	N-Shore	-3.559E-01	9.470E-23
NCRNA00181	cg22568540	503538	19	Gene body/5'UTR/1st exon	N-Shelf	3.450E-01	4.832E-22
NEFL	cg13266631	4747	8	TSS1500	S-Shore	3.143E-01	5.873E-12
NEFM	cg18267374	4741	8	TSS1500/5'UTR/1st exon	Island	3.152E-01	3.310E-13
NEFM	cg23290344	4741	8	TSS1500/1st exon	Island	4.233E-01	4.974E-10
NETO1	cg26186727	81832	18	1st exon/5'UTR	Island	3.483E-01	4.513E-12
NEU1	cg14976276	4758	6	5'UTR/1st exon	Island	3.216E-01	8.561E-06
NEUROG1	cg04330449	4762	5	1st exon	Island	4.250E-01	2.998E-11
NEUROG1	cg04897683	4762	5	5'UTR/1st exon	Island	3.437E-01	5.509E-15
NEUROG1	cg11248413	4762	5	TSS200	Island	3.378E-01	4.757E-13

NFASC	cg22571530	23114	1	5'UTR	Island	3.167E-01	6.148E-09
NHLH2	cg22427279	4808	1	TSS1500	S-Shelf	-3.098E-01	5.316E-12
NID2	cg22881914	22795	14	TSS1500	Island	4.235E-01	9.897E-16
NIPSNAP1	cg13797031	8508	22	TSS1500	S-Shore	-3.482E-01	8.643E-11
NKAIN2	cg21787291	154215	6	5'UTR/1st exon	Island	3.243E-01	1.134E-07
NKX2-8	cg17685628	26257	14	5'UTR/1st exon	Island	3.155E-01	4.262E-13
NKX6-2	cg08441806	84504	10	1st exon	Island	3.369E-01	1.421E-09
NLGN2	cg15660077	57555	17	1st exon	N-Shore	3.269E-01	3.313E-22
NOL4	cg06722216	8715	18	1st exon	Island	3.397E-01	5.592E-15
NOS1	cg03538436	4842	12	5'UTR/1st exon	Island	3.675E-01	6.528E-17
NPAS2	cg14383135	4862	2	5'UTR	Island	3.170E-01	5.941E-06
NPR	cg12876594	4882	9	TSS1500	Island	4.236E-01	9.983E-14
NPR2	cg24194775	4882	9	TSS1500	N-Shore	4.823E-01	1.440E-12
NPTX2	cg00548268	4885	7	TSS1500	Island	3.563E-01	2.349E-18
NPY5R	cg18438777	4889	4	5'UTR	Island	4.095E-01	1.342E-17
NR3C1	cg08818984	2908	5	1st exon/5'UTR	Open sea	-3.474E-01	2.131E-10
NRG1	cg17457560	3084	8	1st exon/5'UTR/Gene body	Island	3.649E-01	8.202E-14
NTM	cg11965370	50863	11	1st exon/5'UTR/Gene body	Island	4.107E-01	5.147E-17
NTM	cg20881910	50863	11	TSS1500/Gene body	Island	4.161E-01	3.489E-18
NTRK3	cg14384532	4916	15	TSS1500	Island	3.273E-01	2.881E-16
NTSR1	cg03567830	4923	20	TSS1500	Island	3.422E-01	3.519E-11
NUDT15	cg11473104	55270	13	TSS200	N-Shore	3.120E-01	2.433E-14
NUMA1	cg23256971	4926	11	TSS1500	S-Shore	3.617E-01	4.528E-30
OLFM4	cg12582008	10562	13	Gene body	Open sea	-3.622E-01	2.892E-12
OPRK1	cg25990647	4986	8	5'UTR/1st exon	Island	4.390E-01	6.730E-14
OR10J1	cg15700197	26476	1	TSS1500	Open sea	-3.063E-01	1.774E-11
OR51B4	cg06353345	79339	11	1st exon	Open sea	-3.207E-01	4.182E-21
OTOP1	cg14882700	133060	4	1st exon	Island	3.978E-01	5.978E-15
PALM	cg19912436	5064	19	TSS200	N-Shore	3.721E-01	1.299E-08
PAX7	cg07536847	5081	1	TSS1500	Island	3.307E-01	9.781E-13
PAX7	cg11428724	5081	1	5'UTR/1st exon	Island	4.800E-01	2.064E-18
PCDHA1	cg12629325	56147	5	Gene body	Island	5.365E-01	7.217E-21
PCDHA1	cg18902090	56147	5	Gene body	Island	3.129E-01	5.483E-14
PCDHA10	cg12629325	56139	5	Gene body	Island	5.365E-01	7.217E-21
PCDHA10	cg18902090	56139	5	Gene body	Island	3.129E-01	5.483E-14
PCDHA11	cg12629325	56138	5	Gene body	Island	5.365E-01	7.217E-21
PCDHA11	cg18902090	56138	5	Gene body	Island	3.129E-01	5.483E-14
PCDHA12	cg12629325	56137	5	Gene body	Island	5.365E-01	7.217E-21
PCDHA12	cg18902090	56137	5	Gene body	Island	3.129E-01	5.483E-14
PCDHA13	cg12629325	56136	5	Gene body	Island	5.365E-01	7.217E-21
PCDHA13	cg18902090	56136	5	Gene body	Island	3.129E-01	5.483E-14
PCDHA2	cg12629325	56146	5	Gene body	Island	5.365E-01	7.217E-21
PCDHA2	cg18902090	56146	5	Gene body	Island	3.129E-01	5.483E-14
PCDHA3	cg12629325	56145	5	Gene body	Island	5.365E-01	7.217E-21
PCDHA3	cg18902090	56145	5	Gene body	Island	3.129E-01	5.483E-14
PCDHA4	cg12629325	56144	5	Gene body	Island	5.365E-01	7.217E-21
PCDHA4	cg18902090	56144	5	Gene body	Island	3.129E-01	5.483E-14
PCDHA5	cg12629325	56143	5	Gene body	Island	5.365E-01	7.217E-21
PCDHA5	cg18902090	56143	5	Gene body	Island	3.129E-01	5.483E-14
PCDHA6	cg12629325	56142	5	Gene body	Island	5.365E-01	7.217E-21
PCDHA6	cg18902090	56142	5	Gene body	Island	3.129E-01	5.483E-14
PCDHA7	cg12629325	56141	5	Gene body	Island	5.365E-01	7.217E-21
PCDHA7	cg18902090	56141	5	Gene body	Island	3.129E-01	5.483E-14
PCDHA8	cg12629325	56140	5	Gene body	Island	5.365E-01	7.217E-21
PCDHA8	cg18902090	56140	5	Gene body	Island	3.129E-01	5.483E-14
PCDHA9	cg12629325	9752	5	Gene body	Island	5.365E-01	7.217E-21
PCDHA9	cg18902090	9752	5	Gene body	Island	3.129E-01	5.483E-14
PCDHAC1	cg12629325	56135	5	1st exon/5'UTR	Island	5.365E-01	7.217E-21
PCDHAC1	cg18902090	56135	5	TSS200	Island	3.129E-01	5.483E-14
PCSK1	cg09786257	5122	5	1st exon	N-Shore	3.032E-01	1.846E-18
PCSK6	cg20249919	5046	15	1st exon	Island	5.384E-01	9.503E-15
PDE4B	cg26963271	5142	1	5'UTR	S-Shore	3.922E-01	2.421E-16
PDE4C	cg17861230	5143	19	Gene body	Island	3.976E-01	3.026E-11
PDGFC	cg20937139	56034	4	TSS1500	Island	3.004E-01	5.019E-09
PDPN	cg10743104	10630	1	TSS200	Island	3.343E-01	2.793E-12
PHACTR3	cg20357628	116154	20	5'UTR/1st exon	Island	4.681E-01	4.028E-15
PHF21B	cg01775414	112885	22	1st exon/Gene body	Island	3.726E-01	1.797E-10
PHOX2A	cg08876932	401	11	TSS1500	Island	3.080E-01	4.805E-13
PHOX2A	cg18722841	401	11	1st exon	Island	3.033E-01	2.641E-12
PKDREJ	cg11377136	10343	22	1st exon	Island	5.020E-01	6.211E-13
PLA2G7	cg18630040	7941	6	1st exon/5'UTR	Island	3.456E-01	1.962E-12
PLEKHF1	cg05512099	79156	19	TSS1500	N-Shore	-4.225E-01	1.285E-21
PNMAL1	cg17296166	55228	19	5'UTR	Island	3.641E-01	1.210E-12
POU3F3	cg20291049	5455	2	1st exon	Island	3.252E-01	8.042E-13
POU4F2	cg13262687	5458	4	TSS1500	Island	3.071E-01	5.486E-11
POU4F2	cg24199834	5458	4	1st exon/5'UTR	Island	3.872E-01	5.458E-17
POU4F3	cg18482268	5459	5	Gene body	Island	3.124E-01	2.415E-12
PPP1R14D	cg23382741	54866	15	TSS1500	Open sea	-3.008E-01	1.380E-13
PRAC	cg12374721	84366	17	Gene body	N-Shore	4.215E-01	1.130E-14
PRDM12	cg09191327	59335	9	1st exon	Island	3.501E-01	4.814E-10
PRICKLE1	cg16041660	144165	12	5'UTR/1st exon	Island	3.713E-01	1.560E-09
PRKAR1B	cg13577076	5575	7	5'UTR/TSS1500	S-Shore	3.723E-01	1.061E-09



PRLHR	cg15748507	2834	10	Gene body	Island	3.230E-01	2.733E-16
PSMB9	cg03465320	5698	6	Gene body	S-Shore	-3.006E-01	2.675E-10
PSME2	cg05874478	5721	14	1st exon	N-Shore	-3.291E-01	3.476E-22
PTF1A	cg11438428	256297	10	1st exon	Island	3.822E-01	1.027E-16
PTGDR	cg09516965	5729	14	1st exon/5'UTR	Island	4.481E-01	4.762E-17
PTH2R	cg25057743	5746	2	TSS200	Island	3.472E-01	2.768E-20
PTPRM	cg01946574	5797	18	Gene body	Island	3.372E-01	1.178E-09
PTPRN	cg10140638	5798	2	TSS200	Island	3.082E-01	1.113E-14
PTPRT	cg13168820	11122	20	1st exon	Island	3.590E-01	1.174E-13
PXDN	cg12164282	7837	2	1st exon	Island	4.670E-01	4.359E-13
PXDN	cg14037665	7837	2	TSS1500	Island	3.770E-01	2.947E-12
PYCARD	cg12100791	29108	16	TSS200	S-Shore	-3.578E-01	1.146E-11
PYGO1	cg19850348	26108	15	Gene body	Island	3.703E-01	1.730E-10
QRFPR	cg00015770	84109	4	1st exon/5'UTR	Island	3.085E-01	2.342E-15
RAB32	cg23833452	10981	6	TSS200	Island	3.079E-01	2.018E-10
RASGRF2	cg09952204	5924	5	1st exon	Island	3.006E-01	4.013E-07
RELN	cg17923358	5649	7	1st exon	Island	3.372E-01	2.022E-14
RGS6	cg03188118	9628	14	5'UTR/1st exon	S-Shore	3.257E-01	1.587E-13
RIC3	cg08383315	79608	11	1st exon/5'UTR	Island	3.414E-01	1.214E-14
RIMBP2	cg24272907	23504	12	TSS1500	Open sea	-3.031E-01	1.113E-15
RNF207	cg00030047	388591	1	Gene body	N-Shore	3.682E-01	1.511E-17
RNF217	cg24298280	154214	6	5'UTR	Open sea	-3.264E-01	1.085E-16
RNF31	cg05874478	55072	14	TSS1500	N-Shore	-3.291E-01	3.476E-22
RNH1	cg06417962	6050	11	TSS1500	Island	3.125E-01	1.829E-16
RPL36	cg25136310	25873	19	1st exon/Gene body	Island	-3.130E-01	2.409E-35
RPRM	cg27420236	56475	2	3'UTR/1st exon	Island	3.303E-01	9.857E-09
RSPO2	cg14070647	340419	8	5'UTR	Island	3.121E-01	8.853E-11
RYR2	cg11657808	6262	1	Gene body	Island	4.779E-01	1.457E-17
SALL1	cg22674717	6299	16	TSS1500	Island	3.031E-01	6.762E-11
SALL3	cg15191648	27164	18	TSS200	Island	3.584E-01	8.363E-12
SCARF2	cg14785479	91179	22	TSS1500	Island	4.217E-01	3.551E-20
SCNN1B	cg23113963	6338	16	TSS1500	Island	3.438E-01	4.539E-12
SEC31B	cg20831708	25956	10	5'UTR	Island	3.106E-01	6.830E-09
SFRP1	cg13398291	6422	8	1st exon	Island	4.311E-01	1.569E-18
SFRP1	cg15839448	6422	8	1st exon	Island	3.900E-01	4.585E-16
SFRP1	cg22418909	6422	8	1st exon/5'UTR	Island	4.067E-01	1.192E-13
SFRP2	cg23207990	6423	4	TSS1500	Island	3.350E-01	5.834E-13
SH3GL3	cg22946150	6457	15	Gene body/1st exon/5'UTR	Island	4.302E-01	6.937E-14
SHD	cg26646370	56961	19	5'UTR/1st exon	Island	3.136E-01	1.533E-03
SIRPB1	cg09577651	10326	20	TSS200	Open sea	-3.011E-01	2.398E-14
SIX6	cg14611174	4990	14	TSS200	Island	3.062E-01	1.253E-14
SIX6	cg19456540	4990	14	1st exon	Island	4.241E-01	2.627E-14
SLC12A5	cg22752533	57468	20	1st exon/5'UTR/Gene body	Island	4.013E-01	2.594E-10
SLC13A5	cg16652063	284111	17	5'UTR/1st exon	Island	3.126E-01	1.518E-13
SLC13A5	cg22040627	284111	17	TSS1500	Island	3.477E-01	1.148E-12
SLC16A12	cg09186006	387700	10	1st exon/5'UTR	Island	3.842E-01	3.419E-14
SLC16A12	cg12005098	387700	10	TSS200	Island	3.737E-01	8.940E-13
SLC18A3	cg11389172	6572	10	TSS200	Island	4.019E-01	1.390E-12
SLC18A3	cg14008883	6572	10	1st exon	Island	3.302E-01	4.758E-17
SLC22A12	cg07220939	116085	11	1st exon/5'UTR	Open sea	-3.584E-01	1.786E-07
SLC22A18	cg03336167	5002	11	Gene body	Island	5.169E-01	3.669E-17
SLC22A18	cg16873863	5002	11	5'UTR	N-Shelf	-3.477E-01	1.290E-14
SLC22A18AS	cg16873863	5003	11	5'UTR	N-Shelf	-3.477E-01	1.290E-14
SLC26A3	cg04996020	1811	7	TSS1500	Open sea	-3.884E-01	2.060E-19
SLC26A4	cg14646244	5172	7	TSS1500	N-Shore	-3.211E-01	4.680E-14
SLC27A6	cg07103493	28965	5	5'UTR/1st exon	Island	3.481E-01	1.286E-18
SLC30A2	cg07766612	7780	1	TSS1500	Island	3.189E-01	4.980E-08
SLC30A8	cg23338195	169026	8	TSS1500	Open sea	-3.261E-01	1.740E-14
SLC32A1	cg08535373	140679	20	TSS1500	Island	3.441E-01	2.607E-14
SLC35F3	cg25437385	148641	1	1st exon	Island	3.954E-01	4.737E-11
SLC3A1	cg02192965	6519	2	1st exon	Open sea	-3.964E-01	2.784E-12
SLC5A7	cg16232126	60482	2	1st exon/5'UTR	Island	3.273E-01	1.609E-11
SLC5A8	cg10141715	160728	12	1st exon	Island	3.430E-01	3.229E-15
SLC6A1	cg11021744	6529	3	TSS200	N-Shore	3.348E-01	7.324E-13
SLC6A2	cg04490714	6530	16	1st exon/5'UTR	Island	4.257E-01	4.846E-21
SLC6A2	cg10362591	6530	16	TSS1500	Island	4.406E-01	7.356E-15
SLCO1B1	cg00995065	10599	12	TSS1500	Open sea	-3.182E-01	3.525E-17
SLIT2	cg18972811	9353	4	TSS1500	Island	3.146E-01	1.401E-15
SLIT3	cg11732619	6586	5	5'UTR/1st exon	Island	3.764E-01	5.172E-17
SLITRK1	cg07104706	114798	13	1st exon/5'UTR	S-Shelf	3.009E-01	1.002E-11
SLITRK5	cg09083627	26050	13	TSS1500	Island	4.792E-01	4.400E-16
SMPD3	cg00891541	55512	16	5'UTR	Island	3.257E-01	2.695E-08
SMPD3	cg10556064	55512	16	5'UTR	Island	3.144E-01	1.341E-11
SNAP91	cg21688264	9892	6	Gene body/5'UTR	Island	4.252E-01	1.739E-15
SNCAIP	cg04684516	9627	5	1st exon/5'UTR	Island	3.331E-01	3.393E-14
SNN	cg09816471	8303	16	TSS1500	Island	3.218E-01	4.190E-17
SNRPN	cg02171545	6638	15	5'UTR	Island	3.136E-01	5.048E-15
SNRPN	cg24993443	6638	15	5'UTR	Island	3.075E-01	4.534E-21
SNX32	cg19018097	254122	11	TSS200	Island	3.053E-01	6.092E-11
SORCS3	cg09551147	22986	10	TSS1500	Island	4.143E-01	1.531E-12
SORCS3	cg16787600	22986	10	1st exon/5'UTR	Island	4.767E-01	1.011E-18
SOX1	cg06675478	6656	13	TSS200	Island	3.127E-01	3.997E-19

SOX11	cg08432727	6664	2	TSS1500	N-Shore	3.384E-01	1.442E-15
SOX11	cg20008332	6664	2	1st exon	Island	4.461E-01	8.141E-21
SPAG6	cg06908778	9576	10	Gene body	Island	3.325E-01	3.416E-16
SPDYA	cg04786857	245711	2	5'UTR	Island	3.587E-01	2.594E-17
SPOCK1	cg12832649	6695	5	5'UTR	Island	3.780E-01	4.222E-11
SPSB4	cg22036988	92369	3	TSS1500	Island	3.430E-01	1.118E-08
SRD5A2	cg15403517	6716	2	TSS1500	Island	3.079E-01	4.614E-12
SRD5A2	cg19502744	6716	2	1st exon	Island	3.869E-01	4.875E-18
SST	cg02164046	6750	3	1st exon/5'UTR	Island	3.327E-01	8.059E-13
SSTR4	cg17586860	6754	20	TSS200	Island	4.107E-01	2.296E-17
ST6GAL2	cg04434339	84620	2	1st exon/5'UTR/TSS1500	Island	3.236E-01	2.251E-11
STK38	cg02964385	11329	6	TSS1500	S-Shore	-3.556E-01	1.269E-10
SUMO3	cg21053323	6612	21	Gene body	Island	3.070E-01	5.115E-14
SYT6	cg05368341	148281	1	5'UTR/1st exon	Island	3.004E-01	1.344E-11
SYT9	cg08185661	143425	11	1st exon	Island	3.743E-01	3.406E-13
TAP1	cg03465320	6890	6	TSS1500	S-Shore	-3.006E-01	2.675E-10
TAS1R1	cg14186992	80835	1	3'UTR/Gene body	Island	3.016E-01	1.147E-18
TCERG1L	cg03943081	256536	10	TSS1500	Island	3.635E-01	7.307E-17
TCP10L	cg20857253	140290	21	5'UTR	Open sea	-3.334E-01	2.192E-17
TEX15	cg20939319	56154	8	TSS1500	Open sea	-3.614E-01	2.885E-20
TFPI2	cg23141855	7980	7	Gene body	Island	3.060E-01	1.494E-10
TFPI2	cg23686014	7980	7	1st exon	Island	3.073E-01	2.546E-08
TLX3	cg25720804	30012	5	1st exon	Island	4.427E-01	4.137E-13
TM6SF1	cg14696396	53346	15	1st exon	Island	4.422E-01	6.394E-11
TMEFF2	cg06856528	23671	2	5'UTR/1st exon	Island	3.150E-01	5.301E-14
TMEM132D	cg03469054	121256	12	1st exon	Island	3.280E-01	1.414E-13
TMEM132D	cg13234863	121256	12	TSS1500	Island	3.193E-01	1.936E-14
TMEM132E	cg18338311	124842	17	1st exon/5'UTR	Island	3.870E-01	8.651E-13
TMEM139	cg09243021	135932	7	3'UTR	N-Shore	3.739E-01	1.158E-22
TMEM155	cg05396987	132332	4	1st exon/5'UTR	Island	3.011E-01	2.869E-14
TMEM179	cg03734874	388021	14	TSS1500	Island	3.991E-01	1.059E-16
TMPRSS3	cg01214847	64699	21	1st exon/5'UTR	Open sea	-3.202E-01	4.296E-14
TMPRSS3	cg25608949	64699	21	TSS200	Open sea	-3.047E-01	1.037E-13
TNFRSF10A	cg26530341	8797	8	TSS1500	S-Shore	-4.388E-01	5.739E-18
TP73	cg00565688	7161	1	TSS1500	Island	3.916E-01	8.553E-17
TRAM1L1	cg05807991	133022	4	TSS200	Island	3.587E-01	1.175E-11
TREML2	cg19005210	79865	6	TSS200	Open sea	-3.534E-01	5.393E-20
TRH	cg01009664	7200	3	5'UTR/1st exon	Island	3.896E-01	4.954E-15
TRHDE	cg13663218	29953	12	1st exon	Island	3.444E-01	3.204E-17
TRHR	cg26989103	7201	8	TSS200	Open sea	-3.923E-01	3.706E-16
TRIM31	cg00679556	11074	6	5'UTR	Open sea	-3.276E-01	1.498E-12
TRIM31	cg15238224	11074	6	TSS1500	Open sea	-3.277E-01	1.774E-13
TRIM40	cg09196959	135644	6	TSS200	Open sea	-3.472E-01	4.272E-17
TRIM58	cg07533148	25893	1	1st exon	Island	4.020E-01	1.051E-08
TRIM63	cg13998293	84676	1	TSS1500	Open sea	-3.176E-01	3.507E-18
TRPA1	cg01610488	8989	8	TSS200	Island	4.190E-01	6.580E-14
TRPM2	cg08191854	7226	21	TSS200	Open sea	-3.600E-01	2.055E-15
TSPYL5	cg15747595	85453	8	1st exon	Island	3.020E-01	1.725E-12
TUBB8	cg26675077	347688	10	TSS1500/1st exon/5'UTR	S-Shore	3.074E-01	1.607E-21
TWIST1	cg20052718	7291	7	1st exon	Island	4.046E-01	4.676E-19
TWIST1	cg24446548	7291	7	1st exon/5'UTR	Island	4.197E-01	2.786E-08
UCN	cg04527918	7349	2	TSS200	Island	3.799E-01	5.647E-21
UNC5C	cg10520887	8633	4	5'UTR/1st exon	Island	3.280E-01	1.524E-12
UNC5C	cg13265789	8633	4	TSS1500	Island	3.865E-01	7.089E-16
UNC80	cg14419187	285175	2	Gene body	S-Shore	4.142E-01	4.047E-15
UTF1	cg03755123	8433	10	TSS1500	Island	3.945E-01	8.608E-21
UTF1	cg09053680	8433	10	1st exon	Island	4.708E-01	1.380E-10
VHL	cg16869108	7428	3	Gene body	S-Shore	-3.780E-01	7.847E-20
VHL	cg24092914	7428	3	Gene body	S-Shore	-3.655E-01	4.328E-16
VIM	cg12874092	7431	10	Gene body	Island	3.710E-01	2.348E-07
VIPR2	cg18349835	7434	7	Gene body	Island	4.607E-01	2.350E-13
VNN1	cg00852964	8876	6	1st exon	Open sea	-3.245E-01	6.273E-11
VSTM1	cg12315311	284415	19	TSS1500	Open sea	-3.185E-01	8.037E-20
VSX1	cg06151165	30813	20	Gene body	Island	3.306E-01	3.252E-12
VSX2	cg11525285	338917	14	1st exon	Island	3.027E-01	1.266E-10
WBSCR17	cg01366419	64409	7	TSS1500	Island	3.578E-01	2.339E-15
WDR17	cg18443378	116966	4	TSS200	Island	3.150E-01	2.279E-05
WDR8	cg26128092	49856	1	TSS1500	Island	3.451E-01	1.125E-16
WDR86	cg24068372	349136	7	TSS200	Island	3.630E-01	4.071E-12
WIPI2	cg20592700	26100	7	1st exon	Island	-3.403E-01	8.038E-31
WT1	cg01693350	7490	11	Gene body	Island	3.834E-01	4.178E-11
WT1	cg04096767	7490	11	Gene body	Island	3.179E-01	6.298E-16
WT1	cg05222924	7490	11	Gene body	N-Shore	3.029E-01	3.834E-10
WT1	cg13641903	7490	11	Gene body	Island	3.698E-01	3.627E-16
ZBTB48	cg14186992	3104	1	TSS1500	Island	3.016E-01	1.147E-18
ZFP28	cg23850212	140612	19	TSS1500	Island	3.448E-01	8.146E-15
ZFP42	cg06274159	132625	4	TSS200	Island	4.198E-01	3.118E-15
ZFP82	cg25886284	284406	19	5'UTR/1st exon	Island	3.836E-01	5.016E-12
ZNF135	cg16638540	7694	19	TSS200	Island	3.642E-01	2.151E-15
ZNF148	cg15705999	7707	3	5'UTR	Island	-3.362E-01	5.663E-25
ZNF154	cg08668790	7710	19	TSS200	S-Shore	3.415E-01	1.565E-13

ZNF154	cg21790626	7710	19	5'UTR/1st exon	Island	4.459E-01	2.436E-18
ZNF177	cg09643544	7730	19	1st exon/5'UTR	Island	3.032E-01	3.187E-15
ZNF22	cg00899659	7570	10	TSS1500	N-Shore	-3.141E-01	4.402E-12
ZNF385D	cg18267381	79750	3	1st exon/5'UTR	Open sea	3.214E-01	2.513E-15
ZNF415	cg10332700	55786	19	5'UTR/1st exon/Gene body	Island	4.031E-01	2.960E-12
ZNF454	cg03355526	285676	5	5'UTR	Island	3.932E-01	2.399E-15
ZNF454	cg23037403	285676	5	TSS200	Island	3.390E-01	1.419E-15
ZNF471	cg14289985	57573	19	TSS1500	Island	3.364E-01	4.026E-12
ZNF540	cg03975694	163255	19	5'UTR/1st exon	S-Shelf	3.172E-01	2.718E-13
ZNF542	cg26309134	147947	19	TSS200/Gene body	Island	4.104E-01	1.527E-12
ZNF560	cg04062391	147741	19	5'UTR	Island	3.250E-01	3.343E-14
ZNF577	cg16731240	84765	19	TSS200	Island	3.057E-01	1.237E-09
ZNF619	cg21942438	285267	3	TSS1500	N-Shore	-3.076E-01	1.395E-13
ZNF625	cg17892556	90589	19	1st exon/5'UTR	Island	4.173E-01	3.855E-09
ZNF660	cg22598028	285349	3	5'UTR/1st exon	Island	3.610E-01	1.781E-11
ZNF671	cg19246110	79891	19	1st exon/5'UTR	Island	3.244E-01	2.095E-08
ZNF677	cg16708981	342926	19	TSS1500	S-Shore	3.051E-01	2.313E-14
ZNF677	cg18335068	342926	19	5'UTR	Island	3.165E-01	5.074E-13
ZNF718	cg15792688	255403	4	Gene body	Island	-3.274E-01	2.287E-17
ZNF781	cg25875213	163115	19	5'UTR/1st exon	Island	3.698E-01	6.159E-12
ZSCAN1	cg21331821	284312	19	TSS1500	Island	4.085E-01	1.214E-15
ZSCAN18	cg06243556	65982	19	Gene body/5'UTR/1st exon	Island	3.051E-01	7.245E-06
NA	cg13912117	NA	8	NA	Island	5.050E-01	6.391E-21

(B) Genes showing significant differences of DNA methylation levels between N and C samples in Cluster B1

Gene symbol	Probe ID <sup>1</sup>	National Center for Biotechnology Information (NCBI) Gene ID	Chromosome	Gene region <sup>2</sup>	CpG type <sup>3</sup>	$\Delta\beta_{N-C}$	<i>P</i>
A1BG	cg22568540	1	19	5'UTR/1st exon	N-Shelf	3.470E-01	1.781E-24
ABCC12	cg14074641	94160	16	TSS1500	Open sea	-3.377E-01	7.371E-10
AOAH	cg14451276	313	7	1st exon/5'UTR	Open sea	-3.174E-01	9.905E-11
ATP2B4	cg22226839	493	1	5'UTR/1st exon	N-Shelf	3.044E-01	5.860E-14
BATF	cg15645309	10538	14	TSS200	Open sea	-3.116E-01	1.254E-11
BLNK	cg16779976	29760	10	1st exon	Open sea	-3.497E-01	1.555E-12
BPTF	cg16435601	2186	17	1st exon	S-Shore	-3.683E-01	2.586E-19
C14orf162	cg14912575	56936	14	TSS1500	Island	3.020E-01	8.252E-16
CELSR1	cg06268694	9620	22	1st exon	Island	3.027E-01	1.445E-07
CGB5	cg24908058	93659	19	5'UTR/1st exon	Open sea	3.298E-01	3.616E-20
CPA3	cg24290574	1359	3	1st exon	Open sea	-3.305E-01	1.220E-11
CRMP1	cg03544320	1400	4	1st exon	Island	3.489E-01	5.130E-05
CSTL1	cg20171451	128817	20	TSS1500	Open sea	3.535E-01	8.234E-30
DUSP2	cg01148741	1844	2	TSS1500	Island	-3.365E-01	3.483E-16
EPB41L3	cg00027083	23136	18	5'UTR	Island	3.015E-01	2.816E-06
EPO	cg08575537	2056	7	Gene body	Island	3.291E-01	4.329E-08
FGFR1	cg08722122	2260	8	TSS1500	S-Shore	3.293E-01	1.415E-22
GBGT1	cg01169778	26301	9	5'UTR	Island	4.117E-01	2.242E-20
GDPD3	cg13543096	79153	16	TSS1500	Open sea	3.067E-01	2.318E-16
GNA15	cg26482939	2769	19	Gene body	Open sea	-3.680E-01	2.309E-13
HHIPL1	cg06834875	84439	14	TSS1500	Island	-3.348E-01	5.451E-14
HOXA9	cg26521404	3205	7	1st exon	Island	3.347E-01	9.099E-07
IGSF21	cg23349790	84966	1	5'UTR/1st exon	Island	3.806E-01	8.450E-07
LOC100271831	cg13543096	NA	16	TSS200	Open sea	3.067E-01	2.318E-16
LRTOMT	cg23256971	220074	11	5'UTR/Gene body/TSS1500	S-Shore	3.616E-01	4.100E-33
MGMT	cg07638938	4255	10	Gene body	Open sea	4.308E-01	1.795E-35
MMRN1	cg21092324	22915	4	1st exon	Open sea	-3.433E-01	5.968E-12
MN1	cg27269921	4330	22	5'UTR/1st exon	Island	3.169E-01	2.072E-06
MYCBP	cg12792157	26292	1	5'UTR/1st exon	Island	-4.247E-01	3.123E-24
NCRNA00181	cg22568540	503538	19	Gene body	N-Shelf	3.470E-01	1.781E-24
NUDT15	cg11473104	55270	13	TSS200	N-Shore	3.440E-01	2.643E-18
OBP2B	cg15538820	29989	9	TSS200	Open sea	3.465E-01	1.103E-25
PCSK6	cg20249919	5046	15	1st exon	Island	4.452E-01	7.871E-07
PKDREJ	cg11377136	10343	22	1st exon	Island	3.240E-01	2.553E-08
PKP2	cg03302287	5318	12	1st exon	Island	-3.132E-01	3.814E-13
PLEKHF1	cg05512099	79156	19	TSS1500	N-Shore	-3.304E-01	1.356E-12
PSME2	cg05874478	5721	14	1st exon	N-Shore	-3.150E-01	9.556E-19
PXDN	cg12164282	7837	2	1st exon	Island	3.089E-01	3.458E-07
RNF31	cg05874478	55072	14	TSS1500	N-Shore	-3.150E-01	9.556E-19
RPL36	cg25136310	25873	19	1st exon/Gene body	Island	-3.178E-01	2.668E-35
SLC22A18	cg03336167	5002	11	Gene body	Island	4.285E-01	5.987E-12
TUBB8	cg26675077	347688	10	TSS1500/1st exon/5'UTR	S-Shore	3.160E-01	7.479E-22
WIPI2	cg20592700	26100	7	1st exon	Island	-3.353E-01	4.326E-24
ZNF148	cg15705999	7707	3	5'UTR	Island	-3.420E-01	1.067E-24
ZNF718	cg15792688	255403	4	Gene body	Island	-3.642E-01	7.872E-29

(C) Genes showing significant differences of DNA methylation levels between N and C samples in Cluster B2

Gene symbol	Probe ID <sup>1</sup>	National Center for Biotechnology Information (NCBI) Gene ID	Chromosome	Gene region <sup>2</sup>	CpG type <sup>3</sup>	$\Delta\beta_{N-C}$	<i>P</i>
A1BG	cg22568540	1	19	5'UTR/1st exon	N-Shelf	3.531E-01	1.366E-19
ANAT	cg09382492	15	17	Gene body/1st exon/5'UTR	Open sea	3.103E-01	3.961E-29
ABCC12	cg14074641	94160	16	TSS1500	Open sea	-3.420E-01	4.609E-46
ABCC3	cg00081975	8714	17	Gene body	Island	3.354E-01	9.603E-16

ACADL	cg14795968	33	2	Gene body	Island	3.103E-01	1.726E-11
ACTL6B	cg08572611	51412	7	Gene body	Island	3.164E-01	3.884E-08
ADAMTS15	cg02564733	170689	11	1st exon	Island	3.144E-01	1.595E-29
ADAMTS18	cg03238797	170692	16	1st exon/5'UTR	Island	3.188E-01	1.161E-12
ADCY5	cg13878010	111	3	1st exon	Island	3.039E-01	5.189E-11
ADHFE1	cg01988129	137872	8	Gene body	Island	4.350E-01	2.452E-12
ADRA1D	cg11934695	146	20	TSS1500	Island	3.349E-01	5.848E-16
ADRB3	cg17619823	155	8	1st exon	Island	3.207E-01	1.392E-13
AFF3	cg06183267	3899	2	TSS200	Open sea	-3.001E-01	3.053E-10
AIM2	cg10636246	9447	1	TSS1500	Open sea	-3.582E-01	4.047E-15
AJAP1	cg17525406	55966	1	Gene body	Island	3.730E-01	7.845E-15
AKAP12	cg01555431	9590	6	Gene body	Island	3.215E-01	2.297E-23
AKR1C1	cg07639198	1645	10	TSS1500	Open sea	-3.082E-01	5.875E-04
ALDH1A3	cg19177941	220	15	1st exon	Island	3.602E-01	2.842E-19
ALG12	cg15316289	79087	22	5'UTR	N-Shore	3.214E-01	2.066E-19
AMPH	cg10293925	273	7	5'UTR/1st exon	Island	3.843E-01	2.176E-10
AOAH	cg14451276	313	7	1st exon/5'UTR	Open sea	-3.953E-01	6.165E-12
ARHGAP15	cg27365426	55843	2	TSS1500	Open sea	-3.075E-01	2.836E-13
ARHGAP25	cg09721047	9938	2	5'UTR/1st exon	Open sea	-3.232E-01	2.750E-12
ARHGAP25	cg15258980	9938	2	TSS1500	Open sea	-3.014E-01	2.857E-12
ARNT2	cg17788682	9915	15	Gene body	Island	3.034E-01	1.986E-22
ARRDC4	cg05595345	91947	15	1st exon	Island	3.695E-01	2.685E-12
ATP2B4	cg22226839	493	1	5'UTR/1st exon	N-Shelf	3.073E-01	1.142E-50
ATP6V0A1	cg00706536	535	17	TSS1500	N-Shore	-3.015E-01	5.103E-35
ATRNL1	cg04335339	26033	10	TSS200	Island	3.716E-01	1.116E-30
BAALC	cg10918202	79870	8	1st exon	Island	3.104E-01	6.360E-46
BACE1	cg15427448	23621	11	1st exon/5'UTR	Island	4.145E-01	4.154E-17
BATF	cg15645309	10538	14	TSS200	Open sea	-3.460E-01	4.938E-11
BCL11B	cg02452985	64919	14	1st exon	Island	3.690E-01	1.326E-26
BLNK	cg16779976	29760	10	1st exon	Open sea	-3.570E-01	4.998E-11
BMPR1B	cg09156233	658	4	5'UTR	Island	4.232E-01	7.593E-13
BPTF	cg16435601	2186	17	1st exon	S-Shore	-3.699E-01	1.513E-17
BRSK2	cg01468621	9024	11	Gene body	Island	3.575E-01	1.458E-16
BTBD3	cg14603345	22903	20	TSS200	Island	3.948E-01	1.548E-11
BTG4	cg22879515	54766	11	TSS1500	Island	3.037E-01	1.073E-26
BTG4	cg23211240	54766	11	TSS1500	Island	3.320E-01	1.459E-11
BZRAP1	cg12937434	9256	17	1st exon/5'UTR	S-Shelf	-3.263E-01	3.132E-11
C10orf35	cg22368262	219738	10	5'UTR	Island	4.255E-01	2.456E-14
C11orf21	cg00041575	29125	11	Gene body	Open sea	-3.491E-01	2.475E-15
C14orf162	cg14912575	56936	14	TSS1500	Island	3.276E-01	3.406E-19
C18orf1	cg18106189	753	18	TSS200	Island	3.253E-01	2.126E-28
C1orf229	cg23695504	388759	1	1st exon	Island	3.837E-01	7.364E-09
C6orf155	cg25141674	79940	6	TSS1500	Island	3.109E-01	6.703E-22
C8orf56	cg10918202	157556	8	Gene body	Island	3.104E-01	6.360E-46
C9orf25	cg23579062	203259	9	Gene body	Island	3.429E-01	1.092E-15
CACNA1G	cg18454685	8913	17	Gene body	Island	3.890E-01	8.438E-29
CACNB2	cg01805540	783	10	1st exon/5'UTR	Island	3.709E-01	8.062E-10
CASP2	cg09243021	835	7	TSS1500	N-Shore	3.570E-01	5.757E-23
CASP8	cg26799474	841	2	5'UTR	Open sea	-3.220E-01	7.152E-15
CD101	cg23953831	9398	1	5'UTR/1st exon	Open sea	-3.314E-01	6.122E-12
CD160	cg12832565	11126	1	TSS200	S-Shore	-3.179E-01	2.013E-16
CD164L2	cg05436231	388611	1	1st exon/5'UTR	Island	3.208E-01	1.926E-09
CD209	cg07608333	30835	19	TSS1500	Open sea	-3.106E-01	1.793E-27
CD37	cg10037005	951	19	TSS200	N-Shelf	-3.803E-01	1.192E-20
CD37	cg15046675	951	19	1st exon/5'UTR	N-Shelf	-3.043E-01	3.916E-12
CD53	cg22325572	963	1	5'UTR	Open sea	-3.572E-01	1.294E-14
CD84	cg16776350	8832	1	Gene body	Open sea	-3.292E-01	1.748E-13
CD96	cg25298754	10225	3	Gene body	Open sea	-3.040E-01	4.153E-14
CDH1	cg20716119	999	16	Gene body	Island	3.225E-01	8.195E-13
CDH1	cg23989635	999	16	5'UTR/1st exon	Island	3.126E-01	4.018E-23
CDH11	cg10065825	1009	16	TSS1500	Island	3.146E-01	3.186E-12
CDH11	cg12163490	1009	16	5'UTR/1st exon	Island	3.009E-01	3.133E-12
CDKN1C	cg23146358	1028	11	Gene body	Island	3.690E-01	1.956E-28
CEBPA	cg07422345	1050	19	TSS1500	Island	3.084E-01	3.792E-30
CELSR1	cg06268694	9620	22	1st exon	Island	4.284E-01	1.278E-10
CGB5	cg24908058	93659	19	5'UTR/1st exon	Open sea	3.407E-01	1.218E-16
CHAT	cg11389172	1103	10	5'UTR	Island	3.200E-01	3.153E-08
CHD5	cg08080029	26038	1	Gene body	Island	4.839E-01	1.600E-24
CHP2	cg15309006	63928	16	1st exon/5'UTR	Island	3.488E-01	3.447E-10
CHRNA3	cg04603031	1136	15	5'UTR/1st exon	Island	3.164E-01	7.375E-10
CHRNA6	cg07906724	8973	8	TSS1500	Open sea	-3.320E-01	1.091E-12
CLEC11A	cg20308817	6320	19	TSS1500	N-Shore	3.007E-01	5.351E-17
CLEC2D	cg12810837	29121	12	TSS200	Open sea	-3.603E-01	7.363E-22
CNIH3	cg00290506	149111	1	1st exon/5'UTR	Island	3.068E-01	6.676E-13
CNN3	cg26619317	1266	1	Gene body	Island	3.695E-01	7.724E-17
COL18A1	cg15470298	80781	21	Gene body	Island	3.484E-01	2.795E-41
CPA3	cg24290574	1359	3	1st exon	Open sea	-4.210E-01	3.065E-18
CPZ	cg00514895	8532	4	TSS200	Island	3.023E-01	2.377E-24
CPZ	cg03292388	8532	4	5'UTR/1st exon	Island	3.620E-01	6.633E-14
CRELD2	cg15316289	79174	22	TSS1500	N-Shore	3.214E-01	2.066E-19
CRLF1	cg10810921	9244	19	1st exon/5'UTR	Island	3.036E-01	1.125E-35
CRMP1	cg03544320	1400	4	1st exon	Island	4.152E-01	7.652E-06

CRYBA4	cg15559737	1413	22	TSS1500	Open sea	3.057E-01	3.945E-16
CSMD1	cg22619018	64478	8	TSS1500	Island	4.122E-01	1.412E-19
CST7	cg11804789	8530	20	TSS200	Open sea	-3.722E-01	3.816E-15
CSTL1	cg20171451	128817	20	TSS1500	Open sea	3.524E-01	1.130E-27
CTDSP1	cg11171719	10217	3	1st exon/5'UTR	Island	3.243E-01	5.237E-12
CTGF	cg24311382	1490	6	1st exon/5'UTR	Island	3.319E-01	5.231E-24
CUX2	cg09229912	23316	12	1st exon/5'UTR	Island	4.030E-01	6.385E-15
CXCR1	cg13519373	3577	2	5'UTR	Open sea	-3.212E-01	9.114E-15
CYP26B1	cg04884908	56603	2	1st exon	Island	3.254E-01	1.759E-15
CYP4F11	cg24655310	57834	19	1st exon/Gene body	Open sea	3.185E-01	1.786E-12
CYP4F22	cg14851685	126410	19	TSS1500	N-Shore	3.391E-01	1.385E-24
CYR61	cg04453065	3491	1	1st exon/5'UTR	Island	3.572E-01	3.136E-13
DAPK1	cg08797471	1612	9	5'UTR	Island	4.360E-01	3.078E-15
DAPP1	cg21614638	27071	4	TSS200	Open sea	-3.082E-01	2.412E-08
DES	cg18182399	1674	2	1st exon/5'UTR	N-Shore	3.199E-01	1.997E-08
DLX5	cg13344740	1749	7	5'UTR/1st exon	Island	3.300E-01	1.752E-15
DMBX1	cg09914444	127343	1	TSS1500	Open sea	-3.705E-01	1.659E-15
DMRT3	cg12420104	58524	9	1st exon	Island	3.124E-01	1.978E-16
DNAI1	cg23579062	27019	9	TSS1500	Island	3.429E-01	1.092E-15
DPYS	cg10303487	1807	8	1st exon	Island	3.937E-01	6.042E-11
DPYSL5	cg26195812	56896	2	5'UTR	Island	3.273E-01	2.909E-16
DRD4	cg06825142	1815	11	TSS200	Island	3.056E-01	3.982E-22
DSCR10	cg17233935	259234	21	TSS1500	Open sea	-3.044E-01	2.069E-37
DSG4	cg13445249	147409	18	Gene body	Open sea	-3.088E-01	1.088E-19
DUSP2	cg01148741	1844	2	TSS1500	Island	-3.875E-01	9.330E-16
ECEL1	cg25431974	9427	2	TSS1500	Island	3.252E-01	9.364E-34
EDN3	cg04048259	1908	20	TSS200	Island	3.129E-01	2.053E-08
EDNRB	cg23316360	1910	13	5'UTR/1st exon	Island	3.117E-01	9.153E-16
EGFR	cg14094960	1956	7	5'UTR/1st exon	Island	4.072E-01	2.373E-13
EIF4E3	cg13562542	317649	3	5'UTR	Island	4.502E-01	7.449E-11
ENO2	cg13334990	2026	12	1st exon/5'UTR	Island	3.281E-01	8.222E-38
EPB41L3	cg00027083	23136	18	5'UTR	Island	3.777E-01	9.058E-08
EPO	cg08575537	2056	7	Gene body	Island	4.591E-01	1.986E-10
ERBB2	cg11993754	2064	17	5'UTR/1st exon	Island	3.242E-01	9.105E-11
ERBB2	cg26111030	2064	17	5'UTR/1st exon	N-Shore	3.899E-01	4.715E-25
ERBB4	cg20637307	2066	2	TSS1500	S-Shore	3.585E-01	2.044E-37
ERC2	cg04759439	26059	3	TSS1500	Island	3.984E-01	3.016E-15
ERP29	cg26789453	10961	12	Gene body	S-Shore	-3.308E-01	1.204E-12
EVI2A	cg23352695	2123	17	TSS200	Open sea	-3.571E-01	1.814E-14
EVL	cg18621299	51466	14	TSS200	Open sea	-3.322E-01	8.217E-12
FAM150A	cg17162024	389658	8	TSS1500	Island	3.466E-01	2.574E-11
FAM20A	cg01697732	54757	17	TSS1500	Island	4.575E-01	4.159E-45
FAM20A	cg13591701	54757	17	5'UTR/1st exon	Island	3.658E-01	1.027E-22
FAM3B	cg03158400	54097	21	Gene body	Island	3.137E-01	6.826E-28
FAM78A	cg17936488	286336	9	1st exon	N-Shore	-3.021E-01	3.040E-10
FAT1	cg03098643	2195	4	5'UTR	Island	3.766E-01	2.127E-14
FBLIM1	cg23002761	54751	1	5'UTR	Island	3.082E-01	1.452E-12
FBN2	cg25084878	2201	5	1st exon/5'UTR	Island	3.708E-01	2.532E-16
FBXO2	cg01420388	26232	1	Gene body	Island	3.004E-01	3.760E-21
FBXO39	cg20723355	162517	17	5'UTR	Island	3.457E-01	7.214E-11
FBXO44	cg01420388	93611	1	TSS1500/TSS200	Island	3.004E-01	3.760E-21
FGF3	cg15337897	2248	11	TSS1500	Island	3.284E-01	1.177E-12
FGF8	cg16584573	2253	10	1st exon	Island	3.259E-01	1.232E-14
FGFR1	cg08722122	2260	8	TSS1500	S-Shore	3.465E-01	5.845E-17
FGFR2	cg17028039	2263	10	5'UTR/1st exon	Island	3.308E-01	3.457E-17
FLRT2	cg17410236	23768	14	1st exon/5'UTR	Island	3.361E-01	3.247E-20
FLT4	cg00489401	2324	5	Gene body/Gene body	Island	3.012E-01	4.390E-08
FOXD3	cg22815110	27022	1	1st exon	Island	3.472E-01	3.640E-13
FOXE3	cg18815943	2301	1	1st exon	Island	3.588E-01	7.979E-16
GABBR2	cg02058918	9568	9	1st exon	Island	3.490E-01	5.187E-21
GALR1	cg04534765	2587	18	1st exon/5'UTR	Island	3.508E-01	5.423E-07
GALR1	cg26721264	2587	18	TSS1500	Island	3.180E-01	2.445E-12
GATA5	cg15749748	140628	20	Gene body	Island	3.136E-01	9.395E-15
GBGT1	cg01169778	26301	9	5'UTR	Island	4.378E-01	1.347E-28
GBX2	cg06954481	2637	2	1st exon	Island	4.109E-01	1.024E-11
GCET2	cg27043141	257144	3	5'UTR/Gene body	Open sea	-3.477E-01	1.174E-30
GDNF	cg07442479	2668	5	1st exon/5'UTR	Island	3.236E-01	1.326E-11
GDPD3	cg13543096	79153	16	TSS1500	Open sea	3.429E-01	1.296E-14
GFPT2	cg21937886	9945	5	Gene body	Island	3.654E-01	4.015E-22
GLB1L3	cg19674669	112937	11	Gene body	Island	3.445E-01	2.488E-18
GLRB	cg09688546	2743	4	1st exon/TSS200/5'UTR	Island	3.141E-01	1.315E-09
GNA15	cg26482939	2769	19	Gene body	Open sea	-3.757E-01	5.555E-19
GNG4	cg09649610	2786	1	TSS1500/1st exon/5'UTR	Island	3.165E-01	9.518E-19
GNMT	cg14338887	27232	6	1st exon/5'UTR	Island	4.416E-01	9.532E-12
GNMT	cg24101359	27232	6	TSS200	Island	3.745E-01	2.447E-16
GPATCH2	cg01727899	55105	1	TSS1500	S-Shore	-3.053E-01	1.961E-43
GPR26	cg02757432	2849	10	1st exon	Island	3.052E-01	1.313E-12
GPR27	cg13562542	2850	3	1st exon	Island	4.502E-01	7.449E-11
GPR55	cg20287234	9290	2	5'UTR	Open sea	-3.163E-01	3.127E-22
GPR65	cg15625636	8477	14	5'UTR	Open sea	-3.352E-01	2.212E-17
GPRC5C	cg07789083	55890	17	TSS200	Island	3.295E-01	6.668E-17
GPRC5C	cg23953396	55890	17	1st exon/5'UTR	Island	3.010E-01	1.332E-19

GRAP2	cg03840259	9402	22	TSS200	Open sea	-3.028E-01	8.746E-11
GRB10	cg06386517	2887	7	5'UTR	N-Shore	3.630E-01	1.700E-27
GRB10	cg06790324	2887	7	5'UTR	N-Shore	3.654E-01	6.838E-16
GRB10	cg20651681	2887	7	TSS1500	Island	3.216E-01	1.441E-39
GRB10	cg24302095	2887	7	5'UTR/1st exon	N-Shore	3.381E-01	1.397E-15
GREB1	cg10849854	9687	2	5'UTR	Open sea	-3.088E-01	6.745E-17
GSC2	cg26599006	2928	22	Gene body	Island	3.708E-01	4.572E-16
GSTM3	cg23472215	2947	1	Gene body	Island	3.271E-01	4.965E-13
GSX1	cg26609631	219409	13	5'UTR/1st exon	Island	3.527E-01	6.984E-06
HCN4	cg24396745	10021	15	1st exon/5'UTR	Island	3.440E-01	2.115E-17
HES4	cg02397514	57801	1	1st exon/Gene body	Island	3.380E-01	4.636E-34
HHIP	cg14580567	64399	4	1st exon/5'UTR	Island	3.126E-01	4.551E-12
HLA-DOB	cg04576021	3112	6	Gene body	Open sea	-3.394E-01	3.829E-22
HOXA9	cg26521404	3205	7	1st exon	Island	4.038E-01	1.638E-08
HOXC11	cg22709192	3227	12	5'UTR/1st exon	Island	3.001E-01	1.716E-25
HOXD1	cg19001226	3231	2	1st exon/5'UTR	Island	3.598E-01	1.260E-10
HS3ST1	cg18059088	9957	4	1st exon/5'UTR	Island	3.026E-01	6.615E-22
HS3ST3A1	cg07480567	9955	17	1st exon/5'UTR	Island	3.038E-01	1.834E-11
HTRA1	cg25920792	5654	10	TSS1500	Island	3.324E-01	9.172E-39
IGF1R	cg22375192	3480	15	Gene body	Island	4.237E-01	1.701E-13
IGF2	cg13791131	3481	11	5'UTR	Island	3.339E-01	2.766E-11
IGF2	cg25574024	3481	11	5'UTR	Island	3.645E-01	1.019E-11
IGF2AS	cg13791131	51214	11	Gene body	Island	3.339E-01	2.766E-11
IGF2AS	cg25574024	51214	11	Gene body	Island	3.645E-01	1.019E-11
IGFBP2	cg26187237	3485	2	1st exon	Island	3.003E-01	1.700E-14
IGFBP3	cg06713098	3486	7	1st exon	Island	3.974E-01	4.484E-11
IGFBP3	cg15898840	3486	7	1st exon/5'UTR	Island	4.869E-01	7.656E-12
IGFBP7	cg03876618	3490	4	Gene body	Island	3.005E-01	6.046E-18
IGSF21	cg23349790	84966	1	5'UTR/1st exon	Island	5.105E-01	3.631E-09
IHH	cg17178336	3549	2	TSS200	Island	3.198E-01	3.162E-14
IHH	cg25908985	3549	2	1st exon	Island	3.420E-01	3.616E-29
IL1B	cg07935264	3553	2	TSS200	Open sea	-3.556E-01	1.339E-14
IL9	cg24585690	3578	5	1st exon/5'UTR	Open sea	-3.331E-01	3.667E-21
INHA	cg06552037	3623	2	TSS1500	Island	3.409E-01	3.842E-20
INS-IGF2	cg02166532	723961	11	Gene body/5'UTR/1st exon	Island	3.621E-01	1.679E-14
INS-IGF2	cg13791131	723961	11	Gene body	Island	3.339E-01	2.766E-11
INS-IGF2	cg25574024	723961	11	Gene body	Island	3.645E-01	1.019E-11
IPO5	cg01679262	3843	13	5'UTR	Open sea	-3.142E-01	2.495E-18
IRS2	cg14341579	8660	13	5'UTR/1st exon	Island	3.690E-01	2.199E-23
IRS2	cg25802424	8660	13	TSS200	Island	3.474E-01	6.893E-19
IRX3	cg24662961	79191	16	TSS1500	Island	3.693E-01	1.318E-12
IRX4	cg03963198	50805	5	5'UTR/1st exon	Island	4.074E-01	2.215E-12
IVL	cg25082710	3713	1	TSS1500	Open sea	-3.002E-01	1.017E-13
KANK4	cg07558455	163782	1	5'UTR	Island	3.297E-01	1.186E-10
KCND3	cg22957381	3752	1	TSS1500	Island	3.325E-01	2.259E-37
KCNH2	cg19781133	3757	7	1st exon	Island	4.605E-01	5.237E-29
KCNK1	cg14249872	3775	1	TSS200	Island	3.397E-01	1.090E-19
KCNK5	cg02128567	8645	6	1st exon/5'UTR	Island	3.179E-01	5.317E-14
KCNK9	cg01717150	51305	8	TSS1500	Island	3.115E-01	4.263E-44
KCNQ1DN	cg01530101	55539	11	TSS200	Island	3.075E-01	2.817E-07
KIF17	cg15613048	57576	1	1st exon	Island	3.705E-01	1.213E-17
KIF1A	cg14662379	547	2	5'UTR	Island	3.600E-01	2.356E-18
KITLG	cg25741452	4254	12	5'UTR/1st exon	Island	3.089E-01	1.733E-10
KLF4	cg07309102	9314	9	1st exon/5'UTR	Island	3.855E-01	3.155E-16
KMO	cg18087514	8564	1	Gene body	Open sea	-3.107E-01	3.720E-08
L3MBTL4	cg14155416	91133	18	5'UTR	Island	3.357E-01	8.607E-15
L3MBTL4	cg17688525	91133	18	TSS200	S-Shore	4.202E-01	6.711E-11
LAMA1	cg07846220	284217	18	1st exon	Island	4.016E-01	2.869E-09
LARP6	cg08592761	55323	15	Gene body	Island	3.040E-01	1.473E-17
LCP1	cg17771150	3936	13	5'UTR	Open sea	-3.264E-01	2.153E-11
LCP2	cg17127769	3937	5	1st exon	Open sea	-3.362E-01	1.568E-11
LGI2	cg13359415	55203	4	TSS200	S-Shore	3.142E-01	1.381E-10
LHX1	cg22660578	3975	17	TSS1500	Island	3.399E-01	1.093E-09
LMX1B	cg18453621	4010	9	Gene body	Island	3.126E-01	1.560E-34
LOC100271831	cg13543096	NA	16	TSS200	Open sea	3.429E-01	1.296E-14
LOC286002	cg14646244	NA	7	Gene body	N-Shore	-3.046E-01	4.185E-13
LOC80054	cg07422345	NA	19	Gene body	Island	3.084E-01	3.792E-30
LOXL1	cg03682712	4016	15	1st exon	Island	3.157E-01	6.818E-14
LRIG3	cg10708905	121227	12	1st exon/TSS1500	Island	3.199E-01	3.695E-12
LRTOMT	cg23256971	220074	11	5'UTR/Gene body	S-Shore	3.608E-01	2.445E-31
LY9	cg01367992	4063	1	Gene body	Open sea	-3.244E-01	3.319E-16
MAFB	cg02497758	9935	20	1st exon	Island	3.298E-01	2.791E-12
MALL	cg01615704	7851	2	5'UTR/1st exon	Island	4.421E-01	8.692E-15
MAP1B	cg07380496	4131	5	1st exon	Island	3.221E-01	5.904E-14
MATN3	cg00261781	4148	2	TSS200	Island	3.233E-01	1.207E-23
MED21	cg01982833	9412	12	TSS1500	N-Shore	-3.109E-01	1.223E-17
MGMT	cg07638938	4255	10	Gene body	Open sea	4.433E-01	4.687E-45
MIR34B	cg22879515	407041	11	TSS200	Island	3.037E-01	1.073E-26
MIR34B	cg23211240	407041	11	TSS200	Island	3.320E-01	1.459E-11
MIR34C	cg22879515	407042	11	TSS1500	Island	3.037E-01	1.073E-26
MIR34C	cg23211240	407042	11	TSS1500	Island	3.320E-01	1.459E-11
MMRN1	cg21092324	22915	4	1st exon	Open sea	-4.124E-01	1.053E-16

<i>MN1</i>	cg27269921	4330	22	5'UTR/1st exon	Island	5.033E-01	7.830E-18
<i>MSX1</i>	cg26615830	4487	4	TSS200	Island	3.565E-01	8.826E-36
<i>MYCBP</i>	cg12792157	26292	1	5'UTR/1st exon	Island	-4.240E-01	3.522E-22
<i>MYO3A</i>	cg08441170	53904	10	1st exon/5'UTR	Island	3.444E-01	6.448E-08
<i>MYO3A</i>	cg23771603	53904	10	5'UTR	Island	3.780E-01	3.612E-10
<i>NACC2</i>	cg12004206	138151	9	5'UTR/1st exon	Island	4.219E-01	8.043E-43
<i>NAT2</i>	cg12639234	10	8	5'UTR	S-Shelf	-3.075E-01	1.741E-15
<i>NAV1</i>	cg25167447	89796	1	TSS1500	Island	3.167E-01	7.022E-12
<i>NCAPH</i>	cg01906055	23397	2	TSS1500	N-Shore	-3.067E-01	2.547E-21
<i>NCKAP1L</i>	cg16509569	3071	12	1st exon	Open sea	-3.264E-01	1.215E-16
<i>NCRNA00181</i>	cg22568540	503538	19	Gene body	N-Shelf	3.531E-01	1.366E-19
<i>NEUROG1</i>	cg04330449	4762	5	1st exon	Island	3.647E-01	7.552E-09
<i>NF1</i>	cg23352695	4763	17	Gene body	Open sea	-3.571E-01	1.814E-14
<i>NID2</i>	cg22881914	22795	14	TSS1500	Island	3.008E-01	6.960E-10
<i>NKD2</i>	cg26054540	85409	5	Gene body	Island	3.600E-01	3.313E-18
<i>NKX6-2</i>	cg08441806	84504	10	1st exon	Island	3.326E-01	1.445E-08
<i>NLGN2</i>	cg15660077	57555	17	1st exon	N-Shore	3.234E-01	9.619E-23
<i>NPAS2</i>	cg07799947	4862	2	TSS1500	Island	3.693E-01	2.842E-16
<i>NPAS2</i>	cg14383135	4862	2	5'UTR	Island	4.783E-01	6.207E-28
<i>NPR2</i>	cg12876594	4882	9	TSS1500	Island	3.533E-01	3.565E-11
<i>NPR2</i>	cg24194775	NA	9	TSS1500	N-Shore	3.819E-01	5.608E-10
<i>NR3C1</i>	cg08818984	2908	5	1st exon/5'UTR	Open sea	-3.361E-01	1.564E-09
<i>NRG1</i>	cg17457560	3084	8	1st exon/5'UTR/Gene body	Island	3.293E-01	4.967E-12
<i>NRP1</i>	cg12870705	8829	10	TSS1500	Island	4.122E-01	1.618E-15
<i>NTSR1</i>	cg03567830	4923	20	TSS1500	Island	3.104E-01	6.682E-09
<i>NUDT15</i>	cg11473104	55270	13	TSS200	N-Shore	3.319E-01	5.981E-57
<i>NUMA1</i>	cg23256971	4926	11	TSS1500	S-Shore	3.608E-01	2.445E-31
<i>OBP2B</i>	cg15538820	29989	9	TSS200	Open sea	3.529E-01	9.031E-21
<i>OBSL1</i>	cg06552037	23363	2	1st exon	Island	3.409E-01	3.842E-20
<i>OVOL1</i>	cg20909686	5017	11	TSS1500	Island	4.640E-01	7.461E-59
<i>P2RY6</i>	cg06637774	5031	11	5'UTR	Island	3.318E-01	9.829E-15
<i>PALM</i>	cg19912436	5064	19	TSS200	N-Shore	4.951E-01	1.028E-15
<i>PARD6G</i>	cg23922708	84552	18	1st exon	Island	3.194E-01	2.688E-19
<i>PAX7</i>	cg11428724	5081	1	5'UTR/1st exon	Island	4.426E-01	7.151E-15
<i>PCDHA1</i>	cg12629325	56147	5	Gene body	Island	3.458E-01	5.378E-16
<i>PCDHA10</i>	cg12629325	56139	5	Gene body	Island	3.458E-01	5.378E-16
<i>PCDHA11</i>	cg12629325	56138	5	Gene body	Island	3.458E-01	5.378E-16
<i>PCDHA12</i>	cg12629325	56137	5	Gene body	Island	3.458E-01	5.378E-16
<i>PCDHA13</i>	cg12629325	56136	5	Gene body	Island	3.458E-01	5.378E-16
<i>PCDHA2</i>	cg12629325	56146	5	Gene body	Island	3.458E-01	5.378E-16
<i>PCDHA3</i>	cg12629325	56145	5	Gene body	Island	3.458E-01	5.378E-16
<i>PCDHA4</i>	cg12629325	56144	5	Gene body	Island	3.458E-01	5.378E-16
<i>PCDHA5</i>	cg12629325	56143	5	Gene body	Island	3.458E-01	5.378E-16
<i>PCDHA6</i>	cg12629325	56142	5	Gene body	Island	3.458E-01	5.378E-16
<i>PCDHA7</i>	cg12629325	56141	5	Gene body	Island	3.458E-01	5.378E-16
<i>PCDHA8</i>	cg12629325	56140	5	Gene body	Island	3.458E-01	5.378E-16
<i>PCDHA9</i>	cg12629325	9752	5	Gene body	Island	3.458E-01	5.378E-16
<i>PCDHAC1</i>	cg12629325	56135	5	1st exon/5'UTR	Island	3.458E-01	5.378E-16
<i>PCSK6</i>	cg20249919	5046	15	1st exon	Island	6.168E-01	1.551E-12
<i>PDE10A</i>	cg24133115	10846	6	5'UTR/1st exon	Island	3.477E-01	6.280E-10
<i>PDE4C</i>	cg17861230	5143	19	Gene body	Island	3.046E-01	4.508E-08
<i>PDGFC</i>	cg20937139	56034	4	TSS1500	Island	4.155E-01	1.117E-13
<i>PDLIM3</i>	cg10000775	27295	4	1st exon	Island	3.026E-01	1.636E-31
<i>PDX1</i>	cg17740399	3651	13	5'UTR/1st exon	Island	3.401E-01	4.283E-17
<i>PDX1</i>	cg26344532	3651	13	5'UTR/1st exon	Island	3.196E-01	9.231E-17
<i>PHACTR3</i>	cg20357628	116154	20	5'UTR/1st exon	Island	3.572E-01	3.572E-15
<i>PIK3CG</i>	cg08779777	5294	7	TSS200	N-Shelf	-3.465E-01	8.490E-13
<i>PKDREJ</i>	cg11377136	10343	2	1st exon	Island	4.373E-01	1.717E-10
<i>PLA2G7</i>	cg18630040	7941	6	1st exon/5'UTR	Island	3.444E-01	5.763E-34
<i>PLEKHF1</i>	cg05512099	79156	19	TSS1500	N-Shore	-4.151E-01	1.567E-24
<i>PLEKHG6</i>	cg25268678	55200	12	5'UTR/TSS200	Island	3.509E-01	1.895E-27
<i>PNPLA3</i>	cg13184872	80339	22	1st exon/5'UTR	Island	3.093E-01	6.412E-17
<i>PPIL6</i>	cg23978557	285755	6	Gene body	N-Shore	3.034E-01	1.487E-09
<i>PPP1R1A</i>	cg01316819	5502	12	5'UTR/1st exon	Island	3.710E-01	9.102E-19
<i>PRICKLE1</i>	cg16041660	144165	12	5'UTR/1st exon	Island	3.825E-01	1.033E-30
<i>PSMB8</i>	cg16890093	5696	6	TSS1500	S-Shore	-3.492E-01	6.807E-12
<i>PSME2</i>	cg05874478	5721	14	1st exon	N-Shore	-3.259E-01	2.708E-28
<i>PSTPIP2</i>	cg20670302	9050	18	1st exon/5'UTR	Island	3.691E-01	6.363E-39
<i>PTGDR</i>	cg09516965	5729	14	1st exon/5'UTR	Island	4.340E-01	6.579E-16
<i>PTPRK</i>	cg12148919	5796	6	1st exon/5'UTR	Island	3.039E-01	1.709E-16
<i>PXDN</i>	cg12164282	7837	2	1st exon	Island	3.985E-01	1.615E-10
<i>RAB32</i>	cg23833452	10981	6	TSS200	Island	3.713E-01	1.677E-14
<i>RASGRF2</i>	cg09952204	5924	5	1st exon	Island	3.292E-01	1.900E-16
<i>RBP1</i>	cg12497564	5947	3	Gene body	Island	3.270E-01	3.208E-09
<i>RBP4</i>	cg12331389	5950	10	Gene body	Island	3.088E-01	6.996E-16
<i>RBP7</i>	cg25397076	116362	1	1st exon/5'UTR	Island	3.145E-01	1.539E-22
<i>RET</i>	cg05621401	5979	10	TSS1500	Island	3.280E-01	7.887E-37
<i>RGS11</i>	cg03390211	8786	16	5'UTR/Gene body	Island	4.018E-01	1.110E-36
<i>RIPK4</i>	cg11719297	54101	21	1st exon	Island	3.066E-01	3.309E-15
<i>RNF31</i>	cg05874478	55072	14	TSS1500	N-Shore	-3.259E-01	2.708E-28
<i>ROR1</i>	cg27303880	4919	1	Gene body	Island	4.043E-01	4.270E-19
<i>ROR2</i>	cg25766046	4920	9	Gene body	Island	3.220E-01	3.374E-13

RPL36	cg25136310	25873	19	1st exon/Gene body	Island	-3.230E-01	2.622E-28
RUNX1	cg04915566	861	21	5'UTR/1st exon	Open sea	-3.390E-01	1.815E-12
RUNX3	cg03171924	864	1	Gene body	Island	3.124E-01	1.174E-14
RUNX3	cg13461622	864	1	1st exon/5'UTR	Open sea	-3.337E-01	1.617E-12
SALL4	cg06303238	57167	20	1st exon/5'UTR	Island	3.351E-01	3.206E-09
SCARF2	cg14785479	91179	22	TSS1500	Island	3.367E-01	2.652E-21
SEC31B	cg20831708	25956	10	5'UTR	Island	3.113E-01	7.441E-08
SEMA3C	cg11051843	10512	7	TSS200	Island	3.407E-01	2.232E-10
SEPT1	cg19663795	1731	16	5'UTR	S-Shelf	-3.531E-01	4.392E-15
SFRP1	cg22418909	6422	8	1st exon/5'UTR	Island	3.291E-01	3.945E-10
SH3GL3	cg22946150	6457	15	Gene body/1st exon/5'UTR	Island	3.472E-01	2.428E-10
SIX2	cg03310469	10736	2	TSS200	Island	3.261E-01	8.841E-19
SLC12A5	cg22752533	57468	20	1st exon/5'UTR/Gene body	Island	3.535E-01	9.439E-09
SLC15A1	cg10694152	6564	13	Gene body	Island	3.210E-01	3.573E-12
SLC16A12	cg09186006	387700	10	1st exon/5'UTR	Island	3.657E-01	4.294E-11
SLC16A12	cg12005098	387700	10	TSS200	Island	3.566E-01	1.874E-18
SLC16A5	cg27619475	9121	17	TSS200	Island	3.250E-01	1.507E-35
SLC18A3	cg11389172	6572	10	TSS200	Island	3.200E-01	3.153E-08
SLC22A18	cg03336167	5002	11	Gene body	Island	4.807E-01	1.382E-15
SLC22A18	cg16873863	5002	11	5'UTR	N-Shelf	-3.316E-01	5.339E-12
SLC22A18AS	cg16873863	5003	11	5'UTR	N-Shelf	-3.316E-01	5.339E-12
SLC22A3	cg07237939	6581	6	1st exon	Island	3.559E-01	4.237E-12
SLC26A4	cg14646244	5172	7	TSS1500	N-Shore	-3.046E-01	4.185E-13
SLC30A2	cg05674944	7780	1	Gene body	Island	3.801E-01	2.435E-14
SLC30A2	cg07766612	7780	1	TSS1500	Island	3.621E-01	8.983E-14
SLC35F3	cg25437385	148641	1	1st exon	Island	3.769E-01	1.912E-20
SLC6A2	cg04490714	6530	16	1st exon/5'UTR	Island	3.153E-01	1.090E-14
SLC6A2	cg10362591	6530	16	TSS1500	Island	3.514E-01	4.669E-10
SLCO2A1	cg19591206	6578	3	1st exon/5'UTR	Island	3.206E-01	3.555E-20
SLIT3	cg11732619	6586	5	5'UTR/1st exon	Island	3.464E-01	2.430E-17
SLITRK5	cg09083627	26050	13	TSS1500	Island	3.649E-01	2.776E-11
SMPD2	cg23978557	6610	6	TSS1500	N-Shore	3.034E-01	1.487E-09
SNAP91	cg21688264	9892	6	Gene body/5'UTR	Island	3.005E-01	3.665E-12
SNCAIP	cg04684516	9627	5	1st exon/5'UTR	Island	3.664E-01	1.458E-14
SNX20	cg27081230	124460	16	TSS1500	Open sea	-3.070E-01	1.267E-13
SOX11	cg20008332	6664	2	1st exon	Island	3.013E-01	7.104E-18
SOX7	cg08056146	83595	8	1st exon/5'UTR	Island	3.145E-01	1.029E-33
SPATA17	cg01727899	128153	1	Gene body	S-Shore	-3.053E-01	1.961E-43
SPDYA	cg04786857	245711	2	5'UTR	Island	3.114E-01	1.724E-14
SPRY2	cg11653500	10253	13	1st exon/5'UTR	Island	3.018E-01	4.909E-18
SSH3	cg22285621	54961	11	Gene body	Island	3.524E-01	8.710E-08
ST6GALNAC3	cg26363196	256435	1	TSS200	Island	3.109E-01	3.770E-16
SUMO3	cg21053323	6612	21	Gene body	Island	3.840E-01	1.737E-20
SYNM	cg13191049	23336	15	1st exon	Island	3.379E-01	3.415E-13
SYT9	cg08185661	143425	11	1st exon	Island	3.556E-01	8.290E-17
TAP1	cg16890093	6890	6	3'UTR	S-Shore	-3.492E-01	6.807E-12
TAS1R1	cg14186992	80835	1	3'UTR/Gene body	Island	3.485E-01	7.775E-23
TCL1B	cg13771579	9623	14	1st exon/5'UTR	Open sea	3.061E-01	1.957E-37
TEAD4	cg02915837	7004	12	5'UTR	Island	3.264E-01	2.506E-24
THBD	cg24562819	7056	20	1st exon	Island	3.402E-01	9.347E-15
TLX3	cg25720804	30012	5	1st exon	Island	3.405E-01	1.852E-09
TM6SF1	cg14696396	53346	15	1st exon	Island	3.625E-01	5.227E-09
TMEM116	cg26789453	89894	12	TSS1500	S-Shore	-3.308E-01	1.204E-12
TMEM139	cg09243021	135932	7	3'UTR	N-Shore	3.570E-01	5.757E-23
TMEM179	cg03734874	388021	14	TSS1500	Island	3.536E-01	3.782E-12
TP73	cg00565688	7161	1	TSS1500	Island	3.331E-01	1.100E-12
TRAM1L1	cg05807991	133022	4	TSS200	Island	3.227E-01	4.374E-11
TRHR	cg26989103	7201	8	TSS200	Open sea	-3.219E-01	3.653E-27
TRIM31	cg15238224	11074	6	TSS1500	Open sea	-3.007E-01	1.422E-11
TRIM40	cg09196959	135644	6	TSS200	Open sea	-3.128E-01	9.692E-17
TSPAN32	cg00041575	10077	11	TSS1500	Open sea	-3.491E-01	2.475E-15
UACA	cg08815652	55075	15	1st exon	Island	3.017E-01	4.336E-22
UCN	cg04527918	7349	2	TSS200	Island	3.304E-01	9.338E-21
UTF1	cg03755123	8433	10	TSS1500	Island	3.048E-01	2.082E-14
UTF1	cg09053680	8433	10	1st exon	Island	4.394E-01	4.206E-08
UTS2D	cg11158430	257313	3	5'UTR	Open sea	-3.041E-01	7.041E-30
VHL	cg24092914	7428	3	Gene body	S-Shore	-3.351E-01	4.041E-25
VWA1	cg25234611	64856	1	Gene body	Island	3.345E-01	1.292E-16
WDR88	cg26687173	126248	19	1st exon	Island	3.013E-01	1.438E-14
WIPF1	cg13821008	7456	2	5'UTR	Open sea	-3.571E-01	1.272E-13
WIPI2	cg20592700	26100	7	1st exon	Island	-3.401E-01	2.519E-29
WNK2	cg20616414	65268	9	1st exon	Island	3.046E-01	1.040E-04
WNT9B	cg23422659	7484	17	Gene body	Island	3.701E-01	1.272E-45
WT1	cg01693350	7490	11	Gene body	Island	3.086E-01	6.345E-08
WT1	cg13641903	7490	11	Gene body	Island	3.220E-01	3.103E-12
ZBED2	cg25298754	79413	3	5'UTR	Open sea	-3.040E-01	4.153E-14
ZBTB48	cg14186992	3104	1	TSS1500	Island	3.485E-01	7.775E-23
ZNF148	cg15705999	7707	3	5'UTR	Island	-3.465E-01	4.974E-19
ZNF454	cg03355526	285676	5	5'UTR	Island	3.105E-01	7.369E-11
ZNF718	cg15792688	255403	4	Gene body	Island	-3.449E-01	8.120E-34
NA	cg13912117	NA	8	NA	Island	3.390E-01	1.546E-16



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<sup>1</sup>Probe IDs for the Infinium HumanMethylation27 BeadChip (Illumina). <sup>2</sup>TSS1500, from 200 bp upstream of the transcription start site (TSS) to 1500 bp upstream of it; TSS200, from TSS to 200 bp upstream of TSS; UTR, untranslated region; Gene body, second exon and downstream on the RefSeq database (<http://www.ncbi.nlm.nih.gov/refseq/>). <sup>3</sup>N-Shelf, 2000 bp region 5' adjacent to N-Shore; N-Shore, 2000 bp region 5' adjacent to CpG island; S-Shore, 2000 bp region 3' adjacent to CpG island; S-Shelf, 2000 bp region 3' adjacent to S-Shore based on the UCSC Genome Browser (<https://genome.ucsc.edu/>). NA, not applicable (designed in the intergenic regions).

**Supplementary Table 3.** Genes showing significant differences of DNA methylation levels in T samples compared to N samples in Clusters B1 and B2, ( $P < 0.05$  for Welch's T test after Bonferroni correction and  $\Delta\beta_{N-C} \geq 0.3$  or  $\Delta\beta_{N-C} \leq -0.3$ )

(A) Genes showing significant differences of DNA methylation levels between T and N samples in Cluster B1

Gene symbol	Probe ID <sup>1</sup>	National Center for Biotechnology Information (NCBI) Gene ID	Chromosome	Gene region <sup>2</sup>	CpG type <sup>3</sup>	$\Delta\beta_{T-N}$	<i>P</i>
<i>AJAP1</i>	cg17525406	55966	1	Gene body	Island	3.091E-01	7.928E-03
<i>C17orf93</i>	cg12374721	360205	17	TSS1500;Gene body	N-Shore	3.007E-01	1.325E-03
<i>CDO1</i>	cg12880658	1036	5	1st exon/5'UTR	Island	3.228E-01	3.323E-04
<i>EYA4</i>	cg20286200	2070	6	TSS1500	Island	3.012E-01	4.724E-03
<i>EYA4</i>	cg26656135	2070	6	5'UTR/1st exon	Island	3.101E-01	2.098E-03
<i>FAM123A</i>	cg22029275	219287	13	1st exon/5'UTR	Island	3.562E-01	1.183E-02
<i>FBN1</i>	cg18671950	2200	15	Gene body	Island	3.166E-01	8.007E-03
<i>FLT3</i>	cg07017374	2322	13	Gene body	Island	3.908E-01	1.558E-02
<i>GPX7</i>	cg16557944	2882	1	1st exon	Island	3.927E-01	1.321E-02
<i>HOXD9</i>	cg14991487	3235	2	TSS200	Island	3.030E-01	1.189E-02
<i>IRF4</i>	cg12741420	3662	6	5'UTR	Island	3.049E-01	1.643E-03
<i>KCNQ5</i>	cg24687051	56479	6	1st exon	Island	4.592E-01	3.247E-03
<i>PRAC</i>	cg12374721	84366	17	TSS1500;Gene body	N-Shore	3.007E-01	1.325E-03
<i>PRKAR1B</i>	cg13577076	5575	7	5'UTR/TSS1500	S-Shore	3.568E-01	1.420E-02
<i>RYR2</i>	cg11657808	6262	1	Gene body	Island	3.619E-01	9.576E-04
<i>SARM1</i>	cg23887396	23098	17	Gene body	Island	3.055E-01	3.788E-02
<i>TFPI2</i>	cg19784477	7980	7	Gene body	Island	3.261E-01	2.824E-02
<i>TFPI2</i>	cg23141855	7980	7	Gene body	Island	3.150E-01	1.296E-02
<i>TRH</i>	cg01009664	7200	3	5'UTR/1st exon	Island	3.064E-01	3.489E-06
<i>TWIST1</i>	cg24446548	7291	7	1st exon/5'UTR	Island	3.944E-01	4.042E-02
<i>VIM</i>	cg12874092	7431	10	Gene body	Island	3.710E-01	2.937E-02
<i>ZNF132</i>	cg13877915	7691	19	TSS200	Island	3.483E-01	2.945E-02
<i>ZNF154</i>	cg21790626	7710	19	5'UTR/1st exon	Island	3.013E-01	2.349E-02
NA	cg13912117	NA	8	NA	Island	3.456E-01	8.282E-06

(B) Genes showing significant differences of DNA methylation levels between T and N samples in Cluster B2

Gene symbol	Probe ID <sup>1</sup>	National Center for Biotechnology Information (NCBI) Gene ID	Chromosome	Gene region <sup>2</sup>	CpG type <sup>3</sup>	$\Delta\beta_{T-N}$	<i>P</i>
<i>ADAM23</i>	cg16778809	8745	2	1st exon/5'UTR	Island	3.031E-01	8.126E-08
<i>ATP8B2</i>	cg08190044	57198	1	5'UTR	Island	3.250E-01	1.940E-09
<i>BCL11B</i>	cg02452985	64919	14	1st exon	Island	-3.201E-01	1.178E-23
<i>BEND5</i>	cg06744574	79656	1	1st exon/Gene body	N-Shore	3.070E-01	9.088E-10
<i>CHST2</i>	cg00995327	9435	3	5'UTR/1st exon	Island	3.044E-01	9.969E-09
<i>DAPK1</i>	cg08797471	1612	9	5'UTR	Island	-3.033E-01	4.735E-19
<i>DMRT1</i>	cg03168582	1761	9	1st exon	Island	3.242E-01	9.128E-13
<i>DYNLRB2</i>	cg00720137	83657	16	Gene body	Island	3.416E-01	3.399E-10
<i>EGFR</i>	cg14094960	1956	7	1st exon/5'UTR	Island	-3.204E-01	8.516E-18
<i>ELMO1</i>	cg08453021	9844	7	TSS200	Island	3.189E-01	3.558E-14
<i>ELMO1</i>	cg19118812	9844	7	5'UTR/1st exon	Island	4.093E-01	2.118E-15
<i>ESR1</i>	cg20253551	2099	6	1st exon/Gene body	Island	3.209E-01	2.587E-13
<i>FAM123A</i>	cg22029275	219287	13	1st exon/5'UTR	Island	3.191E-01	3.461E-13
<i>FGF2</i>	cg25583174	2247	4	1st exon	Island	3.392E-01	3.946E-11
<i>FLI1</i>	cg17872757	2313	11	Gene body/5'UTR	Island	4.123E-01	3.635E-14
<i>FLT3</i>	cg07017374	2322	13	Gene body	Island	3.594E-01	3.089E-12
<i>GPX7</i>	cg16557944	2882	1	1st exon	Island	3.246E-01	8.444E-10

<i>IRF4</i>	cg12741420	3662	6	5'UTR	Island	3.464E-01	1.118E-20
<i>ITGA4</i>	cg20415809	3676	2	5'UTR/1st exon	Island	3.815E-01	3.185E-17
<i>JAM2</i>	cg03382304	58494	21	1st exon	Island	3.005E-01	8.910E-13
<i>KCNQ5</i>	cg24687051	56479	6	1st exon	Island	4.432E-01	1.269E-16
<i>NPAS2</i>	cg14383135	4862	2	5'UTR	Island	-3.198E-01	9.319E-21
<i>SLC22A12</i>	cg07220939	116085	11	1st exon/5'UTR	Open sea	-3.243E-01	1.472E-15
<i>TWIST1</i>	cg24446548	7291	7	1st exon/5'UTR	Island	3.417E-01	5.836E-11
<i>VAV3</i>	cg24662718	10451	1	1st exon	Island	3.129E-01	5.771E-09
<i>VIM</i>	cg12874092	7431	10	Gene body	Island	3.491E-01	4.917E-12
<i>ZFP82</i>	cg25886284	284406	19	5'UTR/1st exon	Island	3.239E-01	1.892E-13
<i>ZNF569</i>	cg03884783	148266	19	5'UTR/1st exon	Island	3.077E-01	2.311E-08
<i>ZNF671</i>	cg19246110	79891	19	1st exon/5'UTR	Island	3.896E-01	1.901E-17

<sup>1</sup>Probe IDs for the Infinium HumanMethylation27 BeadChip (Illumina). <sup>2</sup>TSS1500, from the transcription start site (TSS) to 1500 bp upstream of it; TSS200, from TSS to 200 bp upstream of TSS; UTR, untranslated region; Gene body, second exon and downstream on the RefSeq database (<http://www.ncbi.nlm.nih.gov/refseq/>). <sup>3</sup>N-Shore, 2000 bp region 5' adjacent to CpG island; S-Shore, 2000 bp region 3' adjacent to CpG island; S-Shelf on the UCSC Genome Browser (<https://genome.ucsc.edu/>). NA, not applicable (designed in the intergenic regions).

**Supplementary Table 4.** Genes showing significant differences of DNA methylation levels in T samples compared to C samples in Clusters A, B1 and B2, ( $P < 0.05$  for Welch's T test after Bonferroni correction and  $\Delta\beta_{T-C} \geq 0.3$  or  $\Delta\beta_{T-C} \leq -0.3$ )

(A) Genes showing significant differences of DNA methylation levels between T and C samples in Cluster A

Gene symbol	Probe ID <sup>1</sup>	National Center for Biotechnology Information (NCBI) Gene ID	Chromosome	Gene region <sup>2</sup>	CpG type <sup>3</sup>	$\Delta\beta_{T-C}$	<i>P</i>
<i>ABCC12</i>	cg14074641	94160	16	TSS1500	Open sea	-4.046E-01	1.105E-09
<i>ABCC2</i>	cg09448875	1244	10	TSS200	Open sea	-3.709E-01	7.657E-06
<i>ABCC2</i>	cg17044311	1244	10	Gene body	Open sea	-3.410E-01	9.464E-05
<i>ABCC9</i>	cg20025970	10060	12	1stExon	Open sea	-3.289E-01	1.494E-12
<i>ACCN5</i>	cg14401592	51802	4	TSS1500	Open sea	-3.101E-01	5.433E-06
<i>ACRBP</i>	cg25683185	84519	12	Gene body	Island	-3.161E-01	1.137E-06
<i>ACTA1</i>	cg13547644	58	1	5'UTR	Island	3.561E-01	1.387E-05
<i>ACTL6B</i>	cg08572611	51412	7	Gene body	Island	3.850E-01	6.040E-04
<i>ACTN2</i>	cg21376883	88	1	Gene body	Island	3.687E-01	3.057E-08
<i>ADAM12</i>	cg11668923	8038	10	1stExon/5'UTR	Island	4.112E-01	2.974E-06
<i>ADAM12</i>	cg13488201	8038	10	TSS200	Island	3.392E-01	5.807E-05
<i>ADAM19</i>	cg07540118	8728	5	1stExon/5'UTR	Island	3.744E-01	9.303E-03
<i>ADAM23</i>	cg16778809	8745	2	1stExon/5'UTR	Island	4.076E-01	1.740E-02
<i>ADAMTS1</i>	cg00472814	9510	21	1stExon/5'UTR	Island	3.673E-01	2.188E-03
<i>ADAMTS1</i>	cg11189837	9510	21	TSS1500	Island	3.670E-01	9.126E-03
<i>ADAMTS18</i>	cg03238797	170692	16	1stExon/5'UTR	Island	3.907E-01	2.114E-03
<i>ADAMTS2</i>	cg14409941	9509	5	Gene body	Island	4.203E-01	6.383E-04
<i>ADAMTS5</i>	cg08190291	11096	21	TSS200	Island	3.501E-01	2.281E-04
<i>ADAMTSL3</i>	cg11611600	57188	15	5'UTR	Island	3.468E-01	4.314E-03
<i>ADCY1</i>	cg07651242	107	7	1stExon	Island	4.446E-01	1.241E-05
<i>ADCY5</i>	cg13878010	111	3	1stExon	Island	3.887E-01	1.138E-04
<i>ADD2</i>	cg25631352	119	2	TSS200	S-Shore	3.821E-01	4.305E-06
<i>ADHFE1</i>	cg01988129	137872	8	Gene body	Island	5.781E-01	7.264E-11
<i>ADHFE1</i>	cg08090772	137872	8	TSS200	Island	3.517E-01	7.396E-05
<i>ADRA1D</i>	cg11934695	146	20	TSS1500	Island	3.083E-01	4.801E-03
<i>ADRB3</i>	cg17619823	155	8	1stExon	Island	4.235E-01	1.767E-06
<i>AEBP1</i>	cg02126753	165	7	1stExon/5'UTR	Open sea	3.899E-01	8.855E-03
<i>AFF3</i>	cg06183267	3899	2	TSS200	Open sea	-3.543E-01	1.621E-05
<i>AGBL4</i>	cg06744574	84871	1	Gene body	N-Shore	3.942E-01	1.608E-02
<i>AGR2</i>	cg21201572	10551	7	5'UTR/1stExon	Open sea	-3.074E-01	2.553E-07
<i>AGTR1</i>	cg04878152	185	3	5'UTR	S-Shore	3.329E-01	1.794E-03
<i>AGXT2</i>	cg09745307	64902	5	TSS1500	Open sea	-3.023E-01	2.072E-05
<i>AIM2</i>	cg10636246	9447	1	TSS1500	Open sea	-4.764E-01	3.209E-18
<i>AJAP1</i>	cg17525406	55966	1	Gene body	Island	5.289E-01	5.281E-08
<i>AJAP1</i>	cg20959866	55966	1	TSS1500	Island	3.792E-01	6.519E-08
<i>AKAP12</i>	cg01555431	9590	6	Gene body	Island	4.104E-01	7.930E-03
<i>AKR1C4</i>	cg09272256	1109	10	1stExon	Open sea	-3.454E-01	6.074E-05
<i>ALDH1A2</i>	cg00930873	8854	15	TSS200	Island	3.363E-01	1.617E-03
<i>ALDH1A2</i>	cg03365437	8854	15	5'UTR/1stExon	Island	3.883E-01	8.605E-07
<i>ALDH1A3</i>	cg21359747	220	15	Gene body	Island	4.290E-01	1.766E-03
<i>ALK</i>	cg18277754	238	2	5'UTR/1stExon	Island	3.909E-01	3.772E-05
<i>ALX1</i>	cg02409351	8092	12	TSS200	Island	3.138E-01	5.491E-03
<i>ALX4</i>	cg04988423	60529	11	1stExon	Island	4.163E-01	1.004E-03
<i>ALX4</i>	cg15817236	60529	11	1stExon	Island	3.149E-01	5.130E-03
<i>ALX4</i>	cg26365854	60529	11	Gene body	Island	3.599E-01	1.500E-02
<i>AMICA1</i>	cg07376232	120425	11	Gene body/TSS1500	Open sea	-3.422E-01	1.234E-05
<i>AMICA1</i>	cg23818978	120425	11	Gene body	Open sea	-3.190E-01	6.456E-09
<i>AMPH</i>	cg10293925	273	7	5'UTR/1stExon	Island	5.313E-01	2.903E-08
<i>AMY2A</i>	cg22215192	279	1	Gene body	Open sea	-3.006E-01	1.643E-04
<i>ANXA13</i>	cg02800334	312	8	TSS1500	Open sea	-4.015E-01	5.343E-10
<i>AOAH</i>	cg14451276	313	7	1stExon/5'UTR	Open sea	-3.191E-01	2.519E-09
<i>APCDD1L</i>	cg23418591	164284	20	TSS1500	S-Shore	3.400E-01	3.492E-07
<i>APOC2</i>	cg13119609	344	19	1stExon/5'UTR	Open sea	-3.025E-01	4.177E-04
<i>AQP9</i>	cg11098259	366	15	TSS200	Open sea	-3.693E-01	4.399E-06
<i>ARHGAP15</i>	cg27365426	55843	2	TSS1500	Open sea	-3.471E-01	8.421E-07
<i>ASAM</i>	cg19096475	79827	11	TSS1500	Island	3.314E-01	1.013E-12
<i>ATAD3C</i>	cg11405695	219293	1	TSS1500	Open sea	-3.243E-01	5.034E-09

<i>ATP10A</i>	cg08831522	57194	15	Gene body	Open sea	-3.101E-01	1.154E-05
<i>ATP2B4</i>	cg22226839	493	1	5'UTR/1stExon	N-Shelf	3.059E-01	2.523E-08
<i>ATP8A2</i>	cg18236477	51761	13	Gene body	Island	3.676E-01	9.134E-11
<i>ATP8B2</i>	cg08190044	57198	1	5'UTR	Island	3.916E-01	4.898E-02
<i>ATRNL1</i>	cg04335339	26033	10	TSS200	Island	4.496E-01	5.393E-03
<i>AZGP1</i>	cg12019109	563	7	TSS1500	Open sea	-3.369E-01	1.677E-06
<i>B3GALT5</i>	cg11479877	10317	21	1stExon/5'UTR	Open sea	-3.224E-01	3.346E-05
<i>B3GAT1</i>	cg11038843	27087	11	5'UTR	Island	3.248E-01	1.460E-02
<i>BAALC</i>	cg10918202	79870	8	1stExon	Island	4.078E-01	1.490E-03
<i>BASP1</i>	cg23496260	10409	5	5'UTR	Island	3.945E-01	1.061E-04
<i>BATF</i>	cg15645309	10538	14	TSS200	Open sea	-3.122E-01	2.113E-10
<i>BCAN</i>	cg21475402	63827	1	5'UTR	Island	3.495E-01	2.755E-03
<i>BEND5</i>	cg06744574	79656	1	1stExon	N-Shore	3.942E-01	1.608E-02
<i>BFSP2</i>	cg20383064	8419	3	TSS1500	Open sea	-3.276E-01	2.465E-03
<i>BLNK</i>	cg16779976	29760	10	1stExon	Open sea	-3.515E-01	7.978E-13
<i>BMP3</i>	cg01049530	651	4	TSS200	Island	4.363E-01	1.213E-03
<i>BMPR1B</i>	cg09156233	658	4	5'UTR	Island	3.073E-01	3.332E-02
<i>BNC1</i>	cg10398682	646	15	Gene body	Island	3.477E-01	4.796E-10
<i>BNC1</i>	cg18952647	646	15	TSS1500	Island	4.856E-01	2.325E-12
<i>BNC1</i>	cg19988449	646	15	Gene body	Island	3.354E-01	3.761E-06
<i>BNC2</i>	cg14613546	54796	9	Gene body	S-Shore	-3.033E-01	3.000E-04
<i>BOLL</i>	cg17560332	66037	2	TSS1500	Island	3.608E-01	4.265E-09
<i>BPI</i>	cg08254089	671	20	Gene body	Open sea	-3.476E-01	2.002E-07
<i>BPIL3</i>	cg18223379	128859	20	Gene body	Open sea	-3.236E-01	1.204E-04
<i>BPTF</i>	cg16435601	2186	17	1stExon	S-Shore	-3.585E-01	3.251E-19
<i>BRCA1</i>	cg06973652	672	17	TSS1500	S-Shore	-3.531E-01	2.522E-02
<i>BTG4</i>	cg01192900	54766	11	TSS1500	Island	3.252E-01	3.803E-02
<i>BTG4</i>	cg22879515	54766	11	TSS1500	Island	4.080E-01	3.958E-02
<i>BTG4</i>	cg23211240	54766	11	TSS1500	Island	3.406E-01	1.056E-03
<i>BVES</i>	cg20624391	11149	6	5'UTR/1stExon	Island	3.281E-01	5.405E-04
<i>C10orf25</i>	cg00899659	220979	10	Gene body	N-Shore	-3.684E-01	2.586E-07
<i>C10orf72</i>	cg02569613	196740	10	Gene body	N-Shore	3.098E-01	2.012E-04
<i>C11orf21</i>	cg00041575	29125	11	Gene body	Open sea	-4.088E-01	3.291E-11
<i>C13orf30</i>	cg07409200	144809	13	TSS1500	Open sea	-3.041E-01	1.982E-03
<i>C13orf30</i>	cg26682500	144809	13	5'UTR	Open sea	-3.270E-01	2.248E-03
<i>C14orf139</i>	cg10145926	161176	14	Gene body	Open sea	-3.141E-01	4.328E-06
<i>C14orf162</i>	cg14912575	56936	14	TSS1500	Island	3.059E-01	9.834E-05
<i>C14orf93</i>	cg03565081	60686	14	5'UTR	N-Shore	-3.362E-01	1.135E-11
<i>C17orf73</i>	cg03016571	55018	17	Gene body	Open sea	-3.821E-01	2.847E-06
<i>C17orf93</i>	cg12374721	360205	17	TSS1500	N-Shore	4.794E-01	2.764E-10
<i>C18orf20</i>	cg10054857	221241	18	TSS1500	Open sea	-3.396E-01	1.249E-06
<i>C18orf34</i>	cg05245861	374864	18	TSS1500/5'UTR	Island	3.410E-01	4.209E-05
<i>C1orf150</i>	cg05767404	148823	1	Gene body	Open sea	-3.793E-01	3.242E-07
<i>C1orf158</i>	cg24338843	93190	1	Gene body	Open sea	-3.919E-01	4.202E-09
<i>C1orf59</i>	cg00328227	113802	1	TSS200/TSS1500	Island	-3.574E-01	4.192E-11
<i>C1QB</i>	cg22477971	713	1	5'UTR	Open sea	-3.007E-01	3.811E-05
<i>C20orf71</i>	cg01671881	128861	20	TSS1500	Open sea	-3.209E-01	9.360E-05
<i>C21orf121</i>	cg18963171	150142	21	Gene body	Open sea	-3.134E-01	2.605E-06
<i>C21orf129</i>	cg10198932	150135	21	TSS1500	Open sea	-3.059E-01	5.161E-09
<i>C4orf39</i>	cg00393585	152756	4	TSS200	Island	3.918E-01	7.515E-03
<i>C8orf56</i>	cg10918202	157556	8	Gene body	Island	4.078E-01	1.490E-03
<i>C9orf16</i>	cg24392274	79095	9	TSS1500	N-Shore	-3.094E-01	1.041E-11
<i>CACNB2</i>	cg01805540	783	10	1stExon	Island	5.342E-01	9.690E-16
<i>CASP2</i>	cg09243021	835	7	TSS1500	N-Shore	3.462E-01	5.769E-06
<i>CASP8</i>	cg26799474	841	2	5'UTR	Open sea	-3.570E-01	2.006E-16
<i>CBLN2</i>	cg21902544	147381	18	1stExon/5'UTR	Island	3.333E-01	8.389E-05
<i>CBLN4</i>	cg25993718	140689	20	TSS200	Island	3.674E-01	7.652E-10
<i>CCDC106</i>	cg12582959	29903	19	5'UTR/1stExon	N-Shore	3.177E-01	8.849E-04
<i>CCDC141</i>	cg12501949	285025	2	TSS1500	Open sea	-3.364E-01	2.797E-06
<i>CCDC27</i>	cg08670691	148870	1	TSS200	Open sea	-3.319E-01	1.185E-09
<i>CCDC37</i>	cg00891278	348807	3	1stExon/5'UTR	Island	3.657E-01	9.107E-05
<i>CCDC37</i>	cg20312228	348807	3	TSS200	Island	3.367E-01	7.496E-07
<i>CCKAR</i>	cg04353483	886	4	TSS1500	Open sea	-3.465E-01	9.650E-06

CCL1	cg17118262	6346	17	TSS1500	Open sea	-3.313E-01	6.978E-10
CCL14-CCL15	cg23743114	NA	17	Gene body	Open sea	-4.982E-01	4.220E-09
CCL14-CCL15	cg26548883	NA	17	TSS1500	Open sea	-3.434E-01	3.324E-10
CCL15	cg23743114	6359	17	Gene body	Open sea	-4.982E-01	4.220E-09
CCL15	cg26548883	6359	17	TSS1500	Open sea	-3.434E-01	3.324E-10
CCL20	cg09425228	6364	2	TSS1500	Open sea	-3.544E-01	1.608E-06
CCL20	cg21643045	6364	2	1stExon	Open sea	-3.020E-01	8.543E-04
CCL7	cg02936263	6354	17	TSS1500	Open sea	-3.338E-01	3.989E-07
CCL8	cg27000831	6355	17	TSS1500	Open sea	-3.090E-01	6.181E-11
CCNA1	cg12571423	8900	13	5'UTR/1stExon	S-Shore	3.818E-01	6.778E-07
CCNA1	cg13060997	8900	13	5'UTR/1stExon	S-Shore	3.015E-01	3.776E-03
CD163	cg07264679	9332	12	TSS1500	Open sea	-3.076E-01	6.646E-04
CD1B	cg04574507	910	1	Gene body	Open sea	-3.821E-01	6.696E-06
CD1C	cg07548313	911	1	Gene body	Open sea	-3.416E-01	6.556E-04
CD1E	cg09478478	913	1	TSS1500	Open sea	-3.382E-01	1.047E-04
CD2	cg16719404	914	1	TSS1500	Open sea	-3.475E-01	1.460E-08
CD209	cg07608333	30835	19	TSS1500	Open sea	-4.295E-01	2.069E-11
CD300E	cg04995095	342510	17	Gene body	Open sea	-3.932E-01	1.738E-06
CD300LB	cg10523494	124599	17	TSS1500	Open sea	-3.391E-01	1.738E-12
CD37	cg10037005	951	19	TSS200	N-Shelf	-4.333E-01	5.118E-08
CD38	cg26043257	952	4	1stExon	Island	3.613E-01	1.087E-02
CD53	cg22325572	963	1	5'UTR	Open sea	-3.788E-01	4.923E-05
CD5L	cg01637734	922	1	Gene body	Open sea	-3.918E-01	1.579E-05
CD80	cg21572897	941	3	5'UTR	Open sea	-3.169E-01	4.127E-05
CD8A	cg17108819	925	2	5'UTR/1stExon	Island	4.135E-01	1.326E-02
CDH11	cg12163490	1009	16	5'UTR/1stExon	Island	3.259E-01	5.837E-03
CDH13	cg00806490	1012	16	Gene body	Island	3.797E-01	6.104E-06
CDH17	cg12038710	1015	8	5'UTR	Open sea	-3.573E-01	5.914E-04
CDH18	cg27043873	1016	5	5'UTR	Open sea	-4.553E-01	3.828E-06
CDH2	cg22679003	1000	18	Gene body	Island	3.044E-01	3.327E-02
CDH8	cg11323198	1006	16	5'UTR	Island	4.032E-01	1.859E-09
CDO1	cg12880658	1036	5	1stExon/5'UTR	Island	3.757E-01	2.270E-06
CEBPG	cg15046693	1054	19	TSS1500	N-Shore	-3.438E-01	9.194E-13
CECR4	cg22815534	100130717	22	Gene body	Open sea	-3.356E-01	8.749E-08
CECR5	cg22815534	27440	22	TSS200	Open sea	-3.356E-01	8.749E-08
CELSR1	cg06268694	9620	22	1stExon	Island	4.199E-01	1.856E-06
CENPP	cg24105685	401541	9	Gene body	Open sea	-3.516E-01	1.203E-05
CHAT	cg11389172	1103	10	5'UTR	Island	4.355E-01	1.321E-08
CHAT	cg14008883	1103	10	5'UTR	Island	3.505E-01	3.356E-11
CHRM5	cg22927134	1133	15	5'UTR	Open sea	-3.209E-01	9.694E-05
CHRNA3	cg04603031	1136	15	5'UTR/1stExon	Island	3.616E-01	1.959E-04
CHRNA6	cg07906724	8973	8	TSS1500	Open sea	-4.047E-01	6.905E-14
CIDEA	cg20950011	1149	18	TSS1500/1stExon/5'UTR	Island	3.162E-01	1.661E-04
CLEC2D	cg12810837	29121	12	TSS200	Open sea	-4.101E-01	3.843E-07
CLRN3	cg23817637	119467	10	TSS1500	Open sea	-3.621E-01	4.124E-11
CLSTN2	cg08853659	64084	3	1stExon	Island	4.529E-01	6.175E-04
CMTM2	cg01683883	146225	16	TSS1500	Island	3.287E-01	1.635E-10
CNIH3	cg00290506	149111	1	1stExon/5'UTR	Island	4.773E-01	2.033E-09
CNR1	cg23276695	1268	6	5'UTR	Open sea	-4.341E-01	1.062E-11
CNR2	cg26151675	1269	1	TSS1500	Open sea	-3.011E-01	6.657E-12
CNRIP1	cg07080358	25927	2	1stExon	Island	5.441E-01	3.686E-09
CNTN1	cg27352992	1272	12	5'UTR	Island	3.036E-01	1.734E-02
CNTNAP2	cg07028533	26047	7	TSS200	Island	3.301E-01	8.484E-04
CNTNAP2	cg16254309	26047	7	Gene body	S-Shore	3.450E-01	2.827E-03
COL15A1	cg19461644	1306	9	Gene body	Island	3.906E-01	7.589E-07
COL23A1	cg10730712	91522	5	TSS1500	S-Shore	3.758E-01	6.103E-03
COL4A1	cg27546237	1282	13	TSS1500	Island	4.182E-01	2.464E-09
COL4A2	cg27546237	1284	13	Gene body	Island	4.182E-01	2.464E-09
COL5A1	cg26024843	1289	9	1stExon/5'UTR	Island	3.226E-01	6.590E-05
COL9A1	cg21789545	1297	6	Gene body	Open sea	-3.202E-01	4.528E-04
COLEC12	cg19461621	81035	18	TSS1500	S-Shore	3.297E-01	2.768E-02
COX7B2	cg25463409	170712	4	5'UTR	Open sea	-3.059E-01	1.764E-05
CPA3	cg24290574	1359	3	1stExon	Open sea	-4.183E-01	2.742E-07

<i>CPA4</i>	cg19690404	51200	7	Gene body	Open sea	-3.440E-01	1.710E-11
<i>CPB2</i>	cg14662172	1361	13	1stExon	Open sea	-4.584E-01	1.921E-06
<i>CPE</i>	cg02886284	1363	4	5'UTR/1stExon	Island	3.859E-01	2.594E-02
<i>CPNE8</i>	cg23495733	144402	12	Gene body	N-Shore	3.006E-01	1.828E-03
<i>CRHR2</i>	cg04922810	1395	7	1stExon	Island	3.401E-01	6.436E-05
<i>CRHR2</i>	cg14896516	1395	7	TSS1500	Island	3.758E-01	6.346E-03
<i>CRISPLD1</i>	cg05624932	83690	8	5'UTR	S-Shore	3.795E-01	2.180E-02
<i>CRMP1</i>	cg03544320	1400	4	1stExon	Island	4.092E-01	1.484E-06
<i>CRTAM</i>	cg10977115	56253	11	Gene body	Open sea	-3.084E-01	5.217E-07
<i>CSMD1</i>	cg22619018	64478	8	TSS1500	Island	4.432E-01	3.574E-03
<i>CSMD3</i>	cg06821993	114788	8	1stExon	S-Shelf	3.093E-01	5.947E-04
<i>CSNK1A1L</i>	cg01668383	122011	13	1stExon/5'UTR	Open sea	-3.477E-01	8.782E-07
<i>CST7</i>	cg11804789	8530	20	TSS200	Open sea	-4.270E-01	1.699E-08
<i>CSTL1</i>	cg20171451	128817	20	TSS1500	Open sea	3.370E-01	4.152E-29
<i>CTLA4</i>	cg08460026	1493	2	TSS200	Open sea	-3.361E-01	1.865E-04
<i>CTNNA3</i>	cg00132141	29119	10	TSS1500	Open sea	-3.209E-01	1.457E-04
<i>CTNND2</i>	cg10331779	1501	5	TSS1500	S-Shore	3.519E-01	7.427E-08
<i>CTNND2</i>	cg25302419	1501	5	5'UTR/1stExon	Island	4.216E-01	2.295E-05
<i>CUX2</i>	cg09229912	23316	12	1stExon/5'UTR	Island	5.216E-01	1.798E-16
<i>CUX2</i>	cg17190608	23316	12	TSS1500	Island	3.805E-01	7.981E-05
<i>CWH43</i>	cg04005707	80157	4	1stExon/5'UTR	Island	3.656E-01	5.335E-04
<i>CWH43</i>	cg25484904	80157	4	TSS1500	Island	3.509E-01	6.054E-08
<i>CXCR1</i>	cg13519373	3577	2	5'UTR	Open sea	-4.236E-01	2.253E-11
<i>CYP11A1</i>	cg17790333	1583	15	TSS200	S-Shore	-3.408E-01	5.203E-06
<i>CYP11B2</i>	cg10500909	1585	8	TSS1500	Open sea	-3.043E-01	1.628E-06
<i>CYP1A2</i>	cg04968473	1544	15	TSS1500	Open sea	-3.073E-01	1.237E-08
<i>CYP26B1</i>	cg04884908	56603	2	1stExon	Island	3.384E-01	2.093E-02
<i>CYSLTR2</i>	cg16886259	57105	13	1stExon	Open sea	-3.423E-01	9.613E-04
<i>DAB1</i>	cg00848728	1600	1	5'UTR/1stExon	Island	3.205E-01	3.237E-03
<i>DBC1</i>	cg25935911	1620	9	TSS1500	S-Shore	3.301E-01	5.006E-05
<i>DCC</i>	cg01839464	1630	18	Gene body	Island	3.935E-01	1.569E-08
<i>DCC</i>	cg23242898	1630	18	Gene body	N-Shore	3.771E-01	1.985E-05
<i>DCD</i>	cg13396068	117159	12	Gene body	Open sea	-3.434E-01	1.614E-05
<i>DCD</i>	cg25372195	117159	12	TSS200	Open sea	-3.860E-01	7.978E-08
<i>DEC1</i>	cg26981881	50514	9	TSS1500	Open sea	-3.257E-01	4.669E-04
<i>DEFA6</i>	cg07974303	1671	8	TSS1500	Open sea	-3.264E-01	2.738E-04
<i>DEFB118</i>	cg03014957	117285	20	TSS1500	Open sea	-3.183E-01	1.406E-07
<i>DEFB118</i>	cg20312687	117285	20	Gene body	Open sea	-3.773E-01	6.717E-07
<i>DEFB123</i>	cg19241311	245936	20	Gene body	Open sea	-3.135E-01	1.821E-04
<i>DEFB129</i>	cg02046532	140881	20	TSS200	Open sea	-3.457E-01	1.510E-05
<i>DEGS1</i>	cg23213217	8560	1	TSS1500	N-Shore	-3.352E-01	2.266E-14
<i>DES</i>	cg18182399	1674	2	1stExon/5'UTR	N-Shore	3.393E-01	2.463E-03
<i>DGKI</i>	cg06277657	9162	7	TSS1500	Island	3.976E-01	8.790E-11
<i>DHFR</i>	cg08244028	1719	5	Gene body	N-Shore	-3.068E-01	4.406E-06
<i>DHFR</i>	cg10180697	1719	5	Gene body	N-Shore	-3.061E-01	2.337E-06
<i>DLK1</i>	cg17412258	8788	14	TSS1500	Island	4.074E-01	6.770E-06
<i>DLX5</i>	cg00503840	1749	7	Gene body	Island	3.221E-01	4.005E-10
<i>DLX5</i>	cg09150117	1749	7	1stExon	Island	3.426E-01	2.998E-02
<i>DLX5</i>	cg11500797	1749	7	Gene body	Island	3.514E-01	9.234E-05
<i>DLX5</i>	cg11997899	1749	7	TSS200	Island	3.482E-01	1.147E-08
<i>DLX5</i>	cg13462129	1749	7	Gene body	Island	3.584E-01	7.301E-10
<i>DMBX1</i>	cg09914444	127343	1	TSS1500	Open sea	-4.056E-01	1.858E-08
<i>DMKN</i>	cg10133777	93099	19	TSS1500	Open sea	-4.299E-01	1.463E-10
<i>DMRT1</i>	cg03168582	1761	9	1stExon	Island	5.389E-01	3.850E-06
<i>DMRT2</i>	cg00250430	10655	9	5'UTR	N-Shore	4.126E-01	5.926E-09
<i>DMRT2</i>	cg11530960	10655	9	Gene body	Island	3.552E-01	4.695E-10
<i>DMRT3</i>	cg12420104	58524	9	1stExon	Island	4.326E-01	1.988E-06
<i>DOK5</i>	cg11822659	55816	20	Gene body	Island	3.595E-01	3.999E-05
<i>DPP6</i>	cg26738880	1804	7	Gene body	Open sea	-3.876E-01	2.507E-09
<i>DPPA2</i>	cg11759378	151871	3	TSS200	Open sea	-3.292E-01	4.444E-05
<i>DPYS</i>	cg10303487	1807	8	1stExon	Island	4.961E-01	5.578E-11
<i>DPYSL4</i>	cg12109455	10570	10	Gene body	Island	3.838E-01	1.054E-06
<i>DRD4</i>	cg06825142	1815	11	TSS200	Island	3.590E-01	3.930E-02

DSCR10	cg17233935	259234	21	TSS1500	Open sea	-3.978E-01	2.543E-08
DTX1	cg11939071	1840	12	TSS1500	Island	3.367E-01	1.837E-02
DUSP2	cg01148741	1844	2	TSS1500	Island	-3.287E-01	2.161E-09
DYM	cg12875426	54808	18	TSS1500	S-Shore	-3.160E-01	4.981E-06
DYNLRB2	cg00720137	83657	16	Gene body	Island	4.068E-01	2.589E-03
DYRK2	cg21281799	8445	12	TSS1500	N-Shore	-3.577E-01	4.215E-07
EBPL	cg20399252	84650	13	TSS1500	S-Shore	-4.097E-01	6.935E-06
ECEL1	cg25431974	9427	2	TSS1500	Island	3.580E-01	4.019E-06
ECM2	cg24105685	1842	9	TSS1500	Open sea	-3.516E-01	1.203E-05
EDIL3	cg03478689	10085	5	TSS200	Island	3.384E-01	5.793E-06
EDIL3	cg16773899	10085	5	5'UTR/1stExon	Island	4.044E-01	1.235E-09
EDNRB	cg15836660	1910	13	5'UTR/TSS200	Island	3.054E-01	4.570E-04
EDNRB	cg23316360	1910	13	5'UTR/1stExon	Island	4.755E-01	3.550E-08
EFCAB1	cg22836229	79645	8	5'UTR/1stExon	Island	4.419E-01	2.363E-11
EFHA2	cg26831415	286097	8	Gene body	Island	3.377E-01	1.028E-02
EIF4E3	cg13562542	317649	3	5'UTR	Island	4.303E-01	4.020E-05
ELMO1	cg08453021	9844	7	TSS200	Island	4.240E-01	1.136E-04
ELMO1	cg19118812	9844	7	5'UTR/1stExon	Island	4.785E-01	1.374E-03
ELOVL2	cg13562911	54898	6	Gene body	Island	5.210E-01	1.222E-05
ELOVL4	cg13297865	6785	6	TSS200	Island	3.655E-01	4.670E-02
ENO2	cg13334990	2026	12	1stExon/5'UTR	Island	3.416E-01	3.140E-10
ENOX1	cg21817450	55068	13	5'UTR	Open sea	-3.348E-01	2.917E-07
EPB41L3	cg00027083	23136	18	5'UTR	Island	4.180E-01	5.848E-10
EPDR1	cg27641018	54749	7	TSS1500	N-Shore	-3.094E-01	2.894E-04
EPHA5	cg18420965	2044	4	Gene body	N-Shore	3.697E-01	1.917E-03
EPHA7	cg08001895	2045	6	TSS1500	Island	3.479E-01	3.513E-03
EPO	cg08575537	2056	7	Gene body	Island	4.268E-01	9.373E-05
ERBB4	cg07015629	2066	2	1stExon	Island	3.968E-01	3.305E-03
ERBB4	cg20637307	2066	2	TSS1500	S-Shore	4.658E-01	6.916E-03
ERC2	cg04759439	26059	3	TSS1500	Island	4.199E-01	5.299E-06
ERP29	cg26789453	10961	12	Gene body	S-Shore	-3.681E-01	2.540E-12
ESR1	cg20253551	2099	6	Gene body/1stExon	Island	3.510E-01	6.830E-03
EYA4	cg01805282	2070	6	5'UTR	Island	3.885E-01	1.883E-09
EYA4	cg20286200	2070	6	TSS1500	Island	3.543E-01	2.331E-04
EYA4	cg20330472	2070	6	TSS1500	N-Shore	3.478E-01	5.713E-03
EYA4	cg24176563	2070	6	5'UTR/1stExon	Island	3.791E-01	6.717E-08
EYA4	cg26656135	2070	6	5'UTR/1stExon	Island	3.792E-01	5.703E-07
FABP4	cg10062803	2167	8	TSS1500	Open sea	-3.247E-01	7.728E-04
FADS2	cg07005513	9415	11	1stExon	Island	3.523E-01	6.201E-03
FAM101A	cg21453309	144347	12	5'UTR	Open sea	3.146E-01	1.969E-05
FAM123A	cg22029275	219287	13	1stExon/5'UTR	Island	5.123E-01	1.151E-06
FAM135B	cg15642035	51059	8	Gene body	Open sea	-3.348E-01	1.340E-04
FAM150A	cg17162024	389658	8	TSS1500	Island	5.246E-01	2.581E-15
FAM150A	cg26021627	389658	8	TSS1500	S-Shore	3.042E-01	6.099E-03
FAM19A4	cg13921352	151647	3	TSS200	Island	4.238E-01	1.126E-04
FAM20A	cg13591701	54757	17	5'UTR/1stExon	Island	3.730E-01	1.143E-02
FAM20B	cg01426743	9917	1	TSS1500	N-Shore	-3.140E-01	7.195E-05
FAM43B	cg20404387	163933	1	1stExon/5'UTR	Island	3.507E-01	1.278E-04
FAM5B	cg13843613	57795	1	TSS1500	Island	3.240E-01	2.133E-03
FANCA	cg24800887	2175	16	TSS1500	S-Shore	-3.308E-01	3.782E-04
FBN1	cg18671950	2200	15	Gene body	Island	4.005E-01	6.770E-05
FBN2	cg25084878	2201	5	1stExon/5'UTR	Island	5.269E-01	7.565E-18
FBXO39	cg20723355	162517	17	5'UTR	Island	4.558E-01	9.490E-11
FCAR	cg05252264	2204	19	1stExon	Open sea	-3.370E-01	9.635E-09
FCER1A	cg14696870	2205	1	TSS1500	Open sea	-3.602E-01	2.351E-04
FCGR3B	cg00974864	2215	1	5'UTR/1stExon	Open sea	-3.015E-01	4.967E-04
FCRL2	cg15761405	79368	1	Gene body	Open sea	-3.275E-01	4.971E-06
FCRL3	cg08786003	115352	1	TSS200	Open sea	-4.397E-01	9.400E-09
FCRL3	cg25259754	115352	1	Gene body	Open sea	-4.012E-01	1.009E-13
FCRL5	cg03329572	83416	1	TSS1500	Open sea	-3.266E-01	1.320E-03
FERD3L	cg25691167	222894	7	1stExon	Island	4.246E-01	7.705E-08
FGF3	cg15337897	2248	11	TSS1500	Island	3.599E-01	1.155E-02
FIP1L1	cg19408398	81608	4	TSS1500	N-Shore	-3.157E-01	9.347E-07



FLG	cg13447818	2312	1	TSS1500	Open sea	-3.302E-01	2.696E-05
FLG	cg26390526	2312	1	TSS1500	Open sea	-3.520E-01	1.638E-03
FLI1	cg17872757	2313	11	Gene body/5'UTR	Island	4.657E-01	1.094E-03
FLRT2	cg17410236	23768	14	1stExon/5'UTR	Island	4.519E-01	1.540E-05
FLT1	cg10501128	2321	13	1stExon/5'UTR	Island	3.244E-01	5.569E-03
FLT3	cg07017374	2322	13	Gene body	Island	6.067E-01	3.150E-08
FLT4	cg00489401	2324	5	Gene body	Island	3.798E-01	1.433E-07
FMO9P	cg24272559	116123	1	TSS1500	Open sea	-3.046E-01	1.137E-05
FOLR2	cg11295113	2350	11	1stExon/5'UTR	Open sea	-3.393E-01	3.182E-06
FOXD3	cg22815110	27022	1	1stExon	Island	4.041E-01	1.224E-05
FOXE1	cg15802898	2304	9	TSS1500	N-Shore	4.013E-01	1.444E-04
FOXE1	cg19292008	2304	9	5'UTR/1stExon	Island	4.056E-01	5.940E-05
FOXG1	cg10300684	2290	14	1stExon/5'UTR	N-Shore	3.827E-01	1.291E-08
FOXI2	cg13929328	399823	10	1stExon	Island	3.590E-01	6.853E-14
FOXI2	cg19884262	399823	10	1stExon	Island	3.957E-01	3.997E-07
FZD10	cg23054883	11211	12	1stExon	Island	3.785E-01	1.426E-04
FZD2	cg25228126	2535	17	1stExon	Island	3.477E-01	5.107E-10
GABBR2	cg02058918	9568	9	1stExon	Island	4.373E-01	3.453E-03
GABRA5	cg24387380	2558	15	Gene body	Open sea	-3.204E-01	8.461E-06
GAL3ST3	cg21238818	89792	11	5'UTR/1stExon	Island	3.911E-01	6.642E-16
GALR1	cg00662556	2587	18	Gene body	Island	3.458E-01	8.536E-11
GALR1	cg04534765	2587	18	1stExon/5'UTR	Island	4.929E-01	2.301E-12
GALR1	cg10486998	2587	18	TSS1500	Island	4.136E-01	7.765E-10
GALR1	cg15343119	2587	18	TSS1500	Island	3.752E-01	1.030E-07
GALR1	cg26721264	2587	18	TSS1500	Island	5.075E-01	1.374E-13
GBGT1	cg01169778	26301	9	5'UTR	Island	4.061E-01	3.708E-10
GBX2	cg06954481	2637	2	1stExon	Island	3.917E-01	4.789E-02
GCM1	cg20967220	8521	6	TSS200	Open sea	-3.831E-01	2.030E-07
GCM1	cg26023389	8521	6	1stExon/5'UTR	Open sea	-3.320E-01	7.099E-06
GCM2	cg02844545	9247	6	1stExon/5'UTR	Island	3.663E-01	1.806E-09
GDF10	cg07773116	2662	10	1stExon	Island	3.016E-01	4.733E-05
GDNF	cg07442479	2668	5	1stExon/5'UTR	Island	4.106E-01	5.352E-06
GFPT2	cg21937886	9945	5	Gene body	Island	4.085E-01	2.406E-02
GHSR	cg11812218	2693	3	TSS1500	N-Shore	3.213E-01	1.552E-05
GK2	cg17738194	2712	4	TSS200	Open sea	-3.728E-01	1.466E-09
GLB1L3	cg19674669	112937	11	Gene body	Island	3.446E-01	1.241E-03
GLRB	cg09688546	2743	4	1stExon/TSS200/5'UTR	Island	3.355E-01	8.382E-04
GML	cg00057593	2765	8	5'UTR	S-Shore	-3.464E-01	1.882E-05
GNA15	cg26482939	2769	19	Gene body	Open sea	-4.114E-01	1.235E-09
GNG4	cg09649610	2786	1	TSS1500/1stExon/5'UTR	Island	3.475E-01	3.816E-04
GPATCH2	cg01727899	55105	1	TSS1500	S-Shore	-3.890E-01	7.670E-08
GPR132	cg26514492	29933	14	TSS200	Open sea	-3.196E-01	3.397E-11
GPR25	cg21870884	2848	1	1stExon	Island	3.384E-01	5.050E-04
GPR26	cg02757432	2849	10	1stExon	Island	4.000E-01	1.031E-12
GPR27	cg13562542	2850	3	1stExon	Island	4.303E-01	4.020E-05
GPR55	cg20287234	9290	2	5'UTR	Open sea	-3.522E-01	1.575E-06
GPR75	cg14832904	10936	2	5'UTR/1stExon	Island	3.669E-01	9.093E-14
GPR75	cg19664945	10936	2	TSS1500	S-Shore	3.839E-01	1.546E-12
GPR97	cg08368934	222487	16	TSS1500	Open sea	-3.230E-01	5.793E-07
GPSM1	cg14934821	26086	9	Gene body	Island	-3.100E-01	1.964E-03
GPX7	cg16557944	2882	1	1stExon	Island	4.211E-01	4.709E-03
GRASP	cg04034767	160622	12	1stExon	Island	4.828E-01	2.984E-04
GREB1	cg10612997	9687	2	TSS1500	Open sea	-3.788E-01	4.071E-06
GRIA2	cg25148589	2891	4	1stExon/5'UTR	N-Shore	3.513E-01	2.968E-06
GRIA4	cg09980522	2893	11	Gene body/1stExon	S-Shore	3.858E-01	1.385E-06
GRIA4	cg19343464	2893	11	5'UTR	S-Shore	3.940E-01	1.101E-08
GRIK2	cg26316946	2898	6	1stExon/5'UTR	Island	4.023E-01	1.614E-06
GRIK3	cg06165395	2899	1	TSS1500	S-Shore	3.252E-01	4.051E-07
GRIK3	cg06722633	2899	1	Gene body	Island	4.304E-01	1.236E-14
GRIN3A	cg18794577	116443	9	TSS200	Island	4.379E-01	5.246E-03
GRM6	cg14859460	2916	5	TSS200	Island	3.735E-01	1.511E-07
GRM6	cg15674997	2916	5	Gene body	Island	3.071E-01	1.706E-10
GRM8	cg09868882	2918	7	TSS200/5'UTR	Open sea	-3.347E-01	9.573E-06

GSC2	cg26599006	2928	22	Gene body	Island	4.468E-01	1.683E-06
G SX1	cg26609631	219409	13	5'UTR/1stExon	Island	3.564E-01	2.890E-04
GUCY1A2	cg23984434	2977	11	1stExon	Island	4.726E-01	6.009E-05
GUCY2C	cg18754342	2984	12	1stExon	Open sea	-4.243E-01	2.723E-06
GZMH	cg02150910	2999	14	TSS1500	Open sea	-3.400E-01	5.603E-07
HAND2	cg01580681	9464	4	1stExon	N-Shore	3.741E-01	1.784E-08
HAND2	cg02774439	9464	4	5'UTR/1stExon	Island	3.172E-01	4.123E-04
HAVCR2	cg17484237	84868	5	5'UTR/1stExon	Open sea	-3.886E-01	1.705E-16
HBB	cg14544583	3043	11	TSS1500	Open sea	-3.953E-01	1.106E-06
HBE1	cg08970694	3046	11	Gene body	Open sea	-3.657E-01	8.433E-09
HBQ1	cg07703401	3049	16	1stExon/5'UTR	Island	3.937E-01	3.080E-04
HCG9	cg04623837	10255	6	Gene body	N-Shore	3.044E-01	4.528E-03
HCG9	cg23244913	10255	6	Gene body	N-Shore	3.583E-01	2.981E-04
HCN1	cg06498267	348980	5	1stExon	Island	3.019E-01	7.066E-06
HCN1	cg11285003	348980	5	TSS1500	S-Shore	3.254E-01	1.834E-05
HECW1	cg17628717	23072	7	Gene body	Open sea	-3.070E-01	4.302E-04
HHATL	cg00407150	57467	3	5'UTR/TSS1500	Open sea	-3.019E-01	2.670E-06
HHIP	cg14580567	64399	4	1stExon/5'UTR	Island	3.428E-01	1.380E-02
HHIPL1	cg06834875	84439	14	TSS1500	Island	-3.051E-01	2.794E-06
HIF3A	cg07022477	64344	19	TSS1500	N-Shore	-3.969E-01	6.376E-10
HIST1H2BO	cg12629515	8348	6	TSS1500	N-Shore	-4.130E-01	6.134E-14
HIST1H3J	cg12629515	8356	6	TSS1500	N-Shore	-4.130E-01	6.134E-14
HKR1	cg12024906	284459	19	1stExon/5'UTR	Island	3.956E-01	3.744E-05
HOXA4	cg04317399	3201	7	1stExon	Island	3.019E-01	1.638E-05
HOXA9	cg01381846	3205	7	1stExon	Island	4.003E-01	7.600E-09
HOXA9	cg26521404	3205	7	1stExon	Island	4.735E-01	3.884E-09
HOXA9	cg27009703	3205	7	1stExon	Island	3.151E-01	1.980E-05
HOXB4	cg08089301	3214	17	1stExon	Island	3.646E-01	2.026E-02
HOXD1	cg19001226	3231	2	1stExon/5'UTR	Island	3.942E-01	3.515E-03
HOXD10	cg21591742	3236	2	TSS1500	Island	3.217E-01	5.337E-06
HOXD12	cg23130254	3238	2	1stExon	Island	3.507E-01	1.714E-08
HOXD8	cg15520279	3234	2	5'UTR/1stExon	Island	3.901E-01	1.483E-08
HOXD9	cg14991487	3235	2	TSS200	Island	4.757E-01	2.427E-09
HS3ST2	cg19064258	9956	16	1stExon	Island	3.800E-01	3.746E-06
HS3ST3A1	cg07480567	9955	17	1stExon/5'UTR	Island	4.365E-01	9.130E-13
HS3ST3A1	cg18236079	9955	17	TSS1500	S-Shore	3.864E-01	2.064E-04
HSPA2	cg27120999	3306	14	1stExon	Island	3.756E-01	4.643E-10
HTR7	cg06291867	3363	10	1stExon	Island	3.280E-01	9.697E-04
IAPP	cg15583072	3375	12	TSS200	Open sea	-3.298E-01	2.468E-09
ID4	cg17252960	3400	6	TSS1500	N-Shore	3.683E-01	3.520E-04
IDO2	cg16957569	169355	8	TSS1500	Open sea	-3.326E-01	5.957E-07
IFNA13	cg017113938	3447	9	TSS1500	Open sea	-3.091E-01	4.113E-06
IFNA8	cg15669228	3445	9	1stExon	Open sea	-3.002E-01	1.674E-06
IGF2	cg13791131	3481	11	5'UTR	Island	4.364E-01	1.122E-07
IGF2	cg25163476	3481	11	5'UTR	Island	3.772E-01	1.085E-05
IGF2	cg25574024	3481	11	5'UTR	Island	4.651E-01	6.155E-08
IGF2AS	cg13791131	51214	11	Gene body	Island	4.364E-01	1.122E-07
IGF2AS	cg25163476	51214	11	TSS200	Island	3.772E-01	1.085E-05
IGF2AS	cg25574024	51214	11	Gene body	Island	4.651E-01	6.155E-08
IGSF21	cg23349790	84966	1	5'UTR/1stExon	Island	5.400E-01	2.820E-12
IL1B	cg07935264	3553	2	TSS200	Open sea	-4.535E-01	4.192E-18
IL1F7	cg10269439	27178	2	5'UTR/1stExon	Open sea	-3.208E-01	2.622E-06
IL1R2	cg17142183	7850	2	TSS200	Open sea	-3.411E-01	3.511E-04
IL1R2	cg20340242	7850	2	1stExon/5'UTR	Open sea	-3.206E-01	1.934E-14
IL25	cg14366598	64806	14	TSS1500	Open sea	-3.726E-01	2.477E-15
IL2RA	cg26105232	3559	10	TSS1500	Open sea	-3.728E-01	4.394E-12
IL9	cg24585690	3578	5	1stExon/5'UTR	Open sea	-3.017E-01	9.931E-06
INS-IGF2	cg13791131	723961	11	Gene body	Island	4.364E-01	1.122E-07
INS-IGF2	cg25163476	723961	11	Gene body	Island	3.772E-01	1.085E-05
INS-IGF2	cg25574024	723961	11	Gene body	Island	4.651E-01	6.155E-08
IPCEF1	cg19963522	26034	6	5'UTR	Open sea	-3.380E-01	3.997E-05
IPO5	cg01679262	3843	13	5'UTR	Open sea	-4.073E-01	5.203E-15
IRF4	cg12741420	3662	6	5'UTR	Island	3.417E-01	2.863E-04

<i>IRX4</i>	cg00243313	50805	5	TSS1500	Island	3.697E-01	5.701E-04
<i>IRX4</i>	cg03963198	50805	5	5'UTR/1stExon	Island	4.710E-01	3.615E-06
<i>ITGA4</i>	cg20415809	3676	2	5'UTR/1stExon	Island	3.980E-01	2.318E-04
<i>ITGA8</i>	cg16902509	8516	10	Gene body	N-Shore	3.458E-01	1.591E-06
<i>ITGA9</i>	cg25870420	3680	3	1stExon	Island	4.166E-01	1.582E-03
<i>IVL</i>	cg25082710	3713	1	TSS1500	Open sea	-4.187E-01	7.387E-17
<i>JAM2</i>	cg11344614	58494	21	TSS1500	N-Shore	-3.188E-01	2.451E-05
<i>KANK4</i>	cg00625425	163782	1	TSS1500	S-Shore	-3.302E-01	4.813E-06
<i>KARS</i>	cg08585897	3735	16	5'UTR/Gene body	N-Shore	-3.438E-01	1.959E-06
<i>KCNA5</i>	cg20792062	3741	12	5'UTR/1stExon	Island	3.019E-01	6.182E-10
<i>KCNA6</i>	cg26162582	3742	12	5'UTR/1stExon	Island	4.232E-01	8.760E-06
<i>KCNB1</i>	cg24507762	3745	20	TSS1500	N-Shore	3.331E-01	5.601E-08
<i>KCNB2</i>	cg20890210	9312	8	5'UTR	S-Shore	3.102E-01	1.925E-03
<i>KCNG1</i>	cg24924779	3755	20	TSS1500	Island	4.195E-01	1.205E-04
<i>KCNH5</i>	cg06501084	27133	14	5'UTR	Open sea	-3.095E-01	9.653E-06
<i>KCNJ1</i>	cg05193832	3758	11	5'UTR	Open sea	-3.159E-01	1.509E-03
<i>KCNJ8</i>	cg01226811	3764	12	5'UTR/1stExon	Open sea	3.181E-01	2.258E-03
<i>KCNK16</i>	cg02611419	83795	6	3'UTR	S-Shore	-3.486E-01	1.085E-08
<i>KCNK17</i>	cg02611419	89822	6	TSS1500	S-Shore	-3.486E-01	1.085E-08
<i>KCNK18</i>	cg25229305	338567	10	TSS1500	Open sea	-3.298E-01	2.062E-08
<i>KCNK9</i>	cg17834752	51305	8	5'UTR/1stExon	Island	3.670E-01	1.717E-07
<i>KCNN2</i>	cg27403635	3781	5	1stExon/5'UTR	Island	3.315E-01	1.112E-02
<i>KCNN4</i>	cg04833845	3783	19	TSS1500	Open sea	-3.483E-01	2.591E-09
<i>KCNQ1DN</i>	cg01530101	55539	11	TSS200	Island	3.298E-01	6.527E-09
<i>KCNQ2</i>	cg08003150	3785	20	1stExon	Island	3.512E-01	4.141E-02
<i>KCNQ3</i>	cg18153124	3786	8	TSS200	Island	3.443E-01	1.504E-02
<i>KCNQ3</i>	cg27016990	3786	8	1stExon	Island	5.337E-01	5.436E-05
<i>KCNQ5</i>	cg24687051	56479	6	1stExon	Island	5.000E-01	4.858E-04
<i>KCNV1</i>	cg05860890	27012	8	5'UTR/1stExon	Island	3.276E-01	2.015E-03
<i>KCTD1</i>	cg26755793	284252	18	TSS1500	Open sea	-3.385E-01	2.481E-07
<i>KCTD8</i>	cg12300353	386617	4	1stExon	Island	3.831E-01	8.629E-04
<i>KDR</i>	cg14323109	3791	4	TSS200	Island	3.149E-01	5.169E-03
<i>KHDRBS2</i>	cg18239753	202559	6	1stExon/5'UTR	Island	3.728E-01	1.505E-09
<i>KIAA1026</i>	cg17657618	NA	1	Gene body	Open sea	-3.330E-01	3.244E-13
<i>KIAA1191</i>	cg26620356	57179	5	TSS1500	S-Shore	-3.504E-01	2.578E-13
<i>KLRG1</i>	cg00443307	10219	12	TSS1500	Open sea	-3.131E-01	3.415E-05
<i>KRT1</i>	cg17405586	3848	12	TSS200	Open sea	-4.414E-01	9.114E-10
<i>KRT85</i>	cg21518208	3891	12	TSS200	S-Shore	-4.173E-01	5.633E-08
<i>KRTAP11-1</i>	cg07014174	337880	21	1stExon	Open sea	-3.020E-01	5.376E-09
<i>KRTAP11-1</i>	cg22643217	337880	21	TSS200	Open sea	-3.601E-01	2.592E-07
<i>KRTAP15-1</i>	cg15606663	254950	21	TSS200	Open sea	-3.333E-01	1.360E-08
<i>KRTAP26-1</i>	cg18822544	388818	21	5'UTR/1stExon	Open sea	-3.505E-01	6.587E-11
<i>KRTDAP</i>	cg10305797	388533	19	TSS1500	Open sea	-3.989E-01	1.393E-04
<i>LACRT</i>	cg07643942	90070	12	TSS1500	Open sea	-4.611E-01	4.594E-10
<i>LAMA1</i>	cg07846220	284217	18	1stExon	Island	5.128E-01	2.584E-14
<i>LAMC2</i>	cg00208830	3918	1	TSS1500	Open sea	-3.016E-01	1.552E-05
<i>LAT2</i>	cg03375002	7462	7	TSS1500	Open sea	-4.006E-01	2.744E-13
<i>LCE1F</i>	cg23413307	353137	1	TSS1500	Open sea	-3.388E-01	2.020E-05
<i>LCE2D</i>	cg21312148	353141	1	5'UTR	Open sea	-3.387E-01	9.827E-06
<i>LCE3D</i>	cg20676475	84648	1	5'UTR	Open sea	-3.491E-01	1.766E-05
<i>LEP</i>	cg12782180	3952	7	TSS1500	Island	3.007E-01	1.025E-11
<i>LEP</i>	cg19594666	3952	7	TSS200	Island	3.556E-01	1.198E-12
<i>LHX1</i>	cg22660578	3975	17	TSS1500	Island	3.504E-01	1.633E-02
<i>LILRA2</i>	cg19486673	11027	19	TSS1500	Open sea	-3.175E-01	7.775E-07
<i>LIN7A</i>	cg05647859	8825	12	TSS200	S-Shore	3.707E-01	1.204E-02
<i>LOC100192379</i>	cg05396987	NA	4	Gene body	Island	3.461E-01	6.683E-08
<i>LOC100302652</i>	cg14832904	NA	2	1stExon	Island	3.669E-01	9.093E-14
<i>LOC100302652</i>	cg19664945	NA	2	TSS200	S-Shore	3.839E-01	1.546E-12
<i>LOC283392</i>	cg13663218	NA	12	Gene body	Island	3.380E-01	3.360E-05
<i>LOC284805</i>	cg26331247	NA	20	Gene body	Open sea	-3.561E-01	1.441E-11
<i>LOC285696</i>	cg23496260	NA	5	TSS1500	Island	3.945E-01	1.061E-04
<i>LOC285780</i>	cg17774418	NA	6	Gene body	Open sea	-3.193E-01	3.349E-05
<i>LOC285780</i>	cg20162076	NA	6	Gene body	Open sea	-3.017E-01	1.505E-06

LOC286002	cg14646244	NA	7	Gene body	N-Shore	-3.829E-01	6.582E-14
LOC404266	cg16495265	NA	17	Gene body	Island	3.058E-01	3.141E-03
LPAR3	cg06501070	23566	1	5'UTR	Open sea	-3.771E-01	5.188E-06
LPL	cg08918749	4023	8	Gene body	Island	3.278E-01	4.156E-02
LRFN5	cg04784672	145581	14	5'UTR/1stExon	S-Shore	3.298E-01	1.705E-03
LRRC4	cg15087147	64101	7	TSS1500	Island	3.349E-01	2.359E-03
LRTOMT	cg23256971	220074	11	5'UTR	S-Shore	3.568E-01	6.275E-33
LTA	cg10995925	4049	6	TSS1500	Open sea	-3.011E-01	5.459E-06
LUC7L	cg07080946	55692	16	TSS1500	N-Shore	-3.249E-01	6.290E-04
LVRN	cg25044651	206338	5	1stExon	Island	3.847E-01	8.630E-12
LY86	cg17774418	9450	6	Gene body	Open sea	-3.193E-01	3.349E-05
LY86	cg20162076	9450	6	TSS1500	Open sea	-3.017E-01	1.505E-06
LY9	cg01367992	4063	1	Gene body	Open sea	-3.299E-01	1.808E-05
MAEL	cg18894878	84944	1	TSS1500	Island	-4.010E-01	1.349E-05
MAFB	cg02497758	9935	20	1stExon	Island	4.298E-01	9.385E-07
MCHR2	cg20134215	84539	6	5'UTR	Island	3.515E-01	2.650E-05
MED21	cg01982833	9412	12	TSS1500	N-Shore	-3.089E-01	5.973E-10
MGAT5B	cg00654814	146664	17	1stExon/5'UTR	Island	3.753E-01	9.906E-04
MGMT	cg07638938	4255	10	Gene body	Open sea	3.994E-01	2.804E-15
MGST1	cg11203041	4257	12	TSS1500/5'UTR	Open sea	-3.830E-01	3.453E-09
MIR34B	cg01192900	407041	11	Gene body	Island	3.252E-01	3.803E-02
MIR34B	cg22879515	407041	11	TSS200	Island	4.080E-01	3.958E-02
MIR34B	cg23211240	407041	11	TSS200	Island	3.406E-01	1.056E-03
MIR34C	cg01192900	407042	11	TSS1500	Island	3.252E-01	3.803E-02
MIR34C	cg22879515	407042	11	TSS1500	Island	4.080E-01	3.958E-02
MIR34C	cg23211240	407042	11	TSS1500	Island	3.406E-01	1.056E-03
MKX	cg14614211	283078	10	5'UTR	Island	3.044E-01	1.626E-08
MLC1	cg05861567	23209	22	5'UTR/1stExon	Open sea	-3.065E-01	1.077E-09
MLNR	cg02620013	2862	13	1stExon	Island	3.721E-01	9.366E-07
MMP13	cg22658979	4322	11	TSS200	Open sea	-3.518E-01	2.449E-04
MMP26	cg12493906	56547	11	TSS200	Open sea	-3.456E-01	6.803E-06
MMRN1	cg21092324	22915	4	1stExon	Open sea	-3.801E-01	1.120E-10
MNDA	cg25119415	4332	1	TSS1500	Open sea	-3.300E-01	3.961E-05
MOBP	cg16729794	4336	3	5'UTR/1stExon/Gene body	Open sea	-3.039E-01	5.569E-05
MORF4L1	cg14426682	10933	15	TSS1500	N-Shore	-3.350E-01	8.117E-03
MOS	cg22411207	4342	8	1stExon	Island	3.055E-01	6.188E-07
MRGPRX1	cg23001457	259249	11	1stExon	Open sea	-3.626E-01	2.496E-06
MS4A1	cg06806711	931	11	1stExon/5'UTR	Open sea	-3.567E-01	1.277E-04
MSC	cg06269753	9242	8	Gene body	Island	3.484E-01	6.856E-06
MSC	cg23710218	9242	8	1stExon/5'UTR	Island	4.404E-01	4.329E-13
MSH3	cg08244028	4437	5	TSS1500	N-Shore	-3.068E-01	4.406E-06
MSH3	cg10180697	4437	5	TSS1500	N-Shore	-3.061E-01	2.337E-06
MSR1	cg16303562	4481	8	TSS200	Open sea	-3.191E-01	4.438E-06
MSX1	cg09748975	4487	4	Gene body	Island	3.681E-01	6.193E-10
MTNR1B	cg15842276	4544	11	TSS200	N-Shore	3.020E-01	5.063E-05
MUC13	cg09081544	56667	3	Gene body	Open sea	-3.079E-01	1.326E-03
MUCL1	cg27160701	118430	12	Gene body	Open sea	-3.037E-01	6.326E-04
MYBPH	cg18959422	4608	1	TSS1500	Open sea	-3.692E-01	1.806E-09
MYCBP	cg12792157	26292	1	5'UTR/1stExon	Island	-4.189E-01	1.735E-23
MYCT1	cg02830467	80177	6	TSS1500	Open sea	-3.299E-01	2.592E-06
MYEOV	cg24776407	26579	11	5'UTR/1stExon	Open sea	-3.749E-01	9.829E-06
MYO3A	cg08441170	53904	10	1stExon/5'UTR	Island	4.164E-01	7.614E-07
MYO3A	cg23771603	53904	10	5'UTR	Island	4.842E-01	1.151E-13
MYOD1	cg18555440	4654	11	1stExon	Island	3.279E-01	1.546E-10
MYT1	cg16772207	4661	20	TSS200	Open sea	-3.244E-01	1.242E-03
NALCN	cg15202954	259232	13	TSS200	Island	4.215E-01	5.933E-06
NAPSA	cg27285056	9476	19	5'UTR/1stExon	Open sea	-3.447E-01	8.762E-08
NAT2	cg12639234	10	8	5'UTR	S-Shelf	-3.091E-01	2.532E-06
NAT8L	cg21269934	339983	4	TSS1500	Island	3.095E-01	1.199E-02
NAV1	cg25167447	89796	1	TSS1500	Island	3.332E-01	2.269E-05
NBLA00301	cg02774439	79804	4	TSS1500	Island	3.172E-01	4.123E-04
NBR2	cg06973652	10230	17	Gene body	S-Shore	-3.531E-01	2.522E-02
NCAN	cg06952310	1463	19	Gene body	Open sea	-3.290E-01	7.723E-07

NCAPH	cg01906055	23397	2	TSS1500	N-Shore	-3.882E-01	1.259E-15
NCRNA00112	cg10198932	54089	21	TSS1500	Open sea	-3.059E-01	5.161E-09
NEFM	cg23290344	4741	8	TSS1500/1stExon	Island	4.251E-01	2.051E-10
NETO1	cg26186727	81832	18	1stExon/5'UTR	Island	3.547E-01	2.657E-11
NEUROG1	cg04330449	4762	5	1stExon	Island	4.349E-01	2.293E-12
NEUROG1	cg04897683	4762	5	5'UTR/1stExon	Island	3.975E-01	1.295E-06
NEUROG1	cg11248413	4762	5	TSS200	Island	3.139E-01	3.989E-02
NEUROG1	cg14958635	4762	5	1stExon	Island	3.082E-01	3.818E-06
NHLH2	cg22427279	4808	1	TSS1500	S-Shelf	-3.494E-01	9.041E-10
NID2	cg01231779	22795	14	5'UTR/1stExon	Island	3.885E-01	1.609E-02
NID2	cg22881914	22795	14	TSS1500	Island	3.897E-01	1.572E-02
NIPSNAP1	cg13797031	8508	22	TSS1500	S-Shore	-4.441E-01	3.546E-07
NKAIN2	cg21787291	154215	6	5'UTR/1stExon	Island	3.879E-01	2.754E-02
NKX6-2	cg08441806	84504	10	1stExon	Island	3.371E-01	4.210E-07
NLRP10	cg18484189	338322	11	1stExon	Open sea	-3.375E-01	7.522E-07
NLRP12	cg25866075	91662	19	TSS200	Open sea	-3.239E-01	2.432E-07
NOL4	cg06722216	8715	18	1stExon	Island	3.352E-01	9.732E-03
NOS1	cg03538436	4842	12	5'UTR/1stExon	Island	4.183E-01	2.266E-06
NPR2	cg12876594	4882	9	TSS1500	Island	3.636E-01	5.074E-08
NPR2	cg24194775	4882	9	TSS1500	N-Shore	4.247E-01	3.181E-07
NPR3	cg05839235	4883	5	1stExon	Island	3.240E-01	1.127E-07
NPTX2	cg00548268	4885	7	TSS1500	Island	3.771E-01	2.753E-15
NPY	cg12614105	4852	7	5'UTR	Island	3.172E-01	1.598E-04
NPY5R	cg18438777	4889	4	5'UTR	Island	4.220E-01	5.497E-06
NR1I3	cg06277277	9970	1	TSS1500	Open sea	-3.027E-01	3.401E-05
NR5A2	cg20406878	2494	1	TSS1500	Open sea	-3.135E-01	3.995E-08
NRG1	cg17457560	3084	8	1stExon/5'UTR	Island	4.638E-01	1.534E-06
NTM	cg11965370	50863	11	1stExon/5'UTR	Island	3.035E-01	1.808E-05
NTM	cg20881910	50863	11	TSS1500	Island	4.647E-01	1.665E-12
NTRK3	cg14384532	4916	15	TSS1500	Island	3.848E-01	1.756E-12
NUDT15	cg11473104	55270	13	TSS200	N-Shore	3.083E-01	3.552E-11
OLAH	cg04001802	55301	10	TSS1500	Open sea	-3.453E-01	1.786E-06
OLFM4	cg12582008	10562	13	Gene body	Open sea	-3.301E-01	1.762E-04
OPRK1	cg25990647	4986	8	5'UTR/1stExon	Island	4.690E-01	6.831E-06
OR10J1	cg15700197	26476	1	TSS1500	Open sea	-3.692E-01	5.527E-11
OR12D2	cg21414251	26529	6	1stExon	Open sea	-3.017E-01	1.019E-07
OR12D3	cg20856834	81797	6	1stExon	Open sea	-3.202E-01	8.590E-06
OR1A1	cg25607161	8383	17	TSS1500	Open sea	-3.153E-01	8.861E-07
OR2L13	cg20507276	284521	1	1stExon/5'UTR	Island	3.181E-01	6.247E-10
OR51B4	cg06353345	79339	11	1stExon	Open sea	-4.211E-01	2.493E-10
OSTN	cg03192737	344901	3	Gene body	Open sea	-3.267E-01	3.498E-05
PAX3	cg02245378	5077	2	Gene body	Island	3.080E-01	3.132E-06
PAX3	cg25596297	5077	2	Gene body	N-Shore	3.758E-01	4.910E-04
PAX7	cg07536847	5081	1	TSS1500	Island	3.842E-01	9.462E-08
PAX7	cg11428724	5081	1	5'UTR/1stExon	Island	3.991E-01	2.548E-03
PCDHA7	cg12629325	56141	5	Gene body	Island	4.887E-01	3.179E-05
PCDHAC1	cg12629325	56135	5	1stExon/5'UTR	Island	4.887E-01	3.179E-05
PDE10A	cg24133115	10846	6	5'UTR/1stExon	Island	3.812E-01	3.069E-04
PDE4B	cg26963271	5142	1	5'UTR	S-Shore	3.827E-01	1.302E-06
PDGFD	cg07748540	80310	11	1stExon	Island	3.412E-01	4.673E-02
PENK	cg04598121	5179	8	Gene body/1stExon	Island	3.455E-01	4.047E-13
PEX5L	cg21176048	51555	3	TSS1500	Island	3.102E-01	2.439E-03
PHACTR3	cg20357628	116154	20	5'UTR/1stExon	Island	4.659E-01	3.449E-05
PHF21B	cg01775414	112885	22	1stExon/Gene body	Island	3.634E-01	3.030E-02
PHOX2A	cg18722841	401	11	1stExon	Island	3.540E-01	3.156E-08
PIPOX	cg06144905	51268	17	TSS200	Open sea	-3.383E-01	5.542E-07
PKDREJ	cg11377136	10343	22	1stExon	Island	4.839E-01	2.753E-09
PKIA	cg27140220	5569	8	1stExon/5'UTR	Island	3.225E-01	2.096E-04
PKP2	cg03302287	5318	12	1stExon	Island	-3.234E-01	2.674E-10
PLCL1	cg02833180	5334	2	Gene body	Open sea	-3.020E-01	8.057E-03
PLD5	cg01664666	200150	1	5'UTR	Island	3.771E-01	7.076E-05
PLD5	cg12613383	200150	1	TSS1500	Island	3.207E-01	1.718E-03
PLEKHF1	cg05512099	79156	19	TSS1500	N-Shore	-4.496E-01	1.427E-12

PLSCR4	cg24315815	57088	3	TSS1500	S-Shore	3.405E-01	8.788E-10
PLXDC2	cg12563178	84898	10	1stExon/5'UTR	Island	3.934E-01	7.062E-05
PLXDC2	cg13149307	84898	10	TSS1500	Island	3.451E-01	1.721E-03
PMCHL2	cg16794882	5370	5	TSS1500	Open sea	-3.015E-01	1.143E-04
PNMAL1	cg17296166	55228	19	5'UTR	Island	4.042E-01	2.047E-03
PNOC	cg19391527	5368	8	TSS1500	Open sea	-3.085E-01	1.988E-07
POU3F3	cg20291049	5455	2	1stExon	Island	3.968E-01	1.019E-10
POU4F1	cg08097882	5457	13	5'UTR/1stExon	Island	4.232E-01	5.633E-04
POU4F2	cg13262687	5458	4	TSS1500	Island	3.149E-01	3.786E-07
POU4F2	cg24199834	5458	4	1stExon/5'UTR	Island	4.168E-01	1.152E-08
PPM1M	cg02417408	132160	3	5'UTR	S-Shore	-3.085E-01	3.142E-07
PPP1R14D	cg23382741	54866	15	TSS1500	Open sea	-3.153E-01	1.881E-05
PRAC	cg12374721	84366	17	Gene body	N-Shore	4.794E-01	2.764E-10
PRAMEF2	cg18807515	65122	1	TSS1500	Open sea	-3.079E-01	7.326E-04
PRDM14	cg01295203	63978	8	TSS1500	Island	3.868E-01	4.779E-09
PRG2	cg15357945	5553	11	TSS1500	Open sea	-3.281E-01	2.351E-13
PRKAR1B	cg13577076	5575	7	5'UTR/TSS1500	S-Shore	4.242E-01	1.682E-04
PRKCB	cg05436658	5579	16	1stExon	Island	3.933E-01	1.532E-06
PRLHR	cg15748507	2834	10	Gene body	Island	3.206E-01	2.069E-12
PRODH2	cg27039606	58510	19	TSS1500	Open sea	-3.029E-01	1.661E-05
PSMB8	cg16890093	5696	6	TSS1500	S-Shore	-3.305E-01	1.476E-08
PSMB9	cg03465320	5698	6	Gene body	S-Shore	-3.112E-01	2.348E-09
PSME2	cg05874478	5721	14	1stExon	N-Shore	-3.230E-01	1.491E-18
PTF1A	cg11438428	256297	10	1stExon	Island	3.947E-01	1.599E-06
PTGDR	cg09516965	5729	14	1stExon/5'UTR	Island	4.248E-01	2.443E-02
PTH	cg24816298	5741	11	TSS1500	Open sea	-3.250E-01	2.514E-05
PTH2R	cg25057743	5746	2	TSS200	Island	4.090E-01	2.541E-10
PTP4A3	cg18675600	11156	8	5'UTR/1stExon	S-Shelf	-3.477E-01	2.100E-03
PTPRM	cg01946574	5797	18	Gene body	Island	4.012E-01	4.991E-05
PTPRO	cg10646402	5800	12	1stExon/5'UTR	Island	3.313E-01	4.545E-02
PTPRO	cg11843304	5800	12	Gene body	Open sea	-3.219E-01	3.244E-05
PTPRS	cg00614413	5802	19	5'UTR	N-Shelf	-3.305E-01	4.162E-09
PTPRT	cg13168820	11122	20	1stExon	Island	4.456E-01	6.558E-09
PXDN	cg12164282	7837	2	1stExon	Island	5.002E-01	3.370E-16
PXDN	cg14037665	7837	2	TSS1500	Island	4.155E-01	5.871E-06
PYCARD	cg12100791	29108	16	TSS200	S-Shore	-3.569E-01	9.262E-10
QRFPR	cg00015770	84109	4	1stExon/5'UTR	Island	3.706E-01	5.113E-06
RAB32	cg18987220	10981	6	TSS1500	N-Shore	-3.148E-01	4.184E-03
RALGDS	cg16872071	5900	9	Gene body/TSS1500	S-Shore	-3.083E-01	1.290E-09
RASGRF1	cg15156078	5923	15	TSS200	Island	3.304E-01	3.110E-03
RASGRF2	cg09952204	5924	5	1stExon	Island	3.451E-01	1.968E-02
RBM24	cg07346310	221662	6	1stExon/TSS1500/5'UTR	S-Shore	3.375E-01	4.165E-03
RELN	cg17923358	5649	7	1stExon	Island	4.108E-01	1.522E-07
RGS17	cg24317255	26575	6	5'UTR	Island	3.538E-01	4.047E-03
RGS6	cg03188118	9628	14	5'UTR/1stExon	S-Shore	3.410E-01	1.100E-06
RHO	cg13180098	6010	3	TSS1500	Open sea	-3.235E-01	1.084E-06
RIC3	cg08383315	79608	11	1stExon/5'UTR	Island	3.637E-01	4.336E-04
RIMBP2	cg24272907	23504	12	TSS1500	Open sea	-3.515E-01	1.987E-05
RLN3	cg00722300	117579	19	TSS1500	N-Shelf	-3.205E-01	2.387E-07
RNASL	cg26532905	6041	1	TSS1500	Open sea	-3.154E-01	8.854E-09
RNF207	cg00030047	388591	1	Gene body	N-Shore	3.681E-01	6.578E-09
RNF217	cg24298280	154214	6	5'UTR	Open sea	-3.409E-01	7.278E-04
RNF31	cg05874478	55072	14	TSS1500	N-Shore	-3.230E-01	1.491E-18
RPL36	cg25136310	25873	19	1stExon/Gene body	Island	-3.136E-01	3.675E-35
RRM2	cg18623836	6241	2	TSS1500	N-Shore	-3.056E-01	1.105E-09
RSP02	cg14070647	340419	8	5'UTR	Island	3.478E-01	4.666E-07
RUNX3	cg03171924	864	1	Gene body	Island	3.629E-01	7.698E-10
RUNX3	cg24019564	864	1	TSS1500/Gene body	Island	3.678E-01	3.552E-05
RYSR2	cg11657808	6262	1	Gene body	Island	5.625E-01	6.921E-12
S100A8	cg20070090	6279	1	5'UTR	Open sea	-4.083E-01	6.124E-09
S100A8	cg24898863	6279	1	TSS200	Open sea	-3.407E-01	3.841E-10
SALL1	cg22674717	6299	16	TSS1500	Island	4.484E-01	3.074E-09
SALL3	cg15191648	27164	18	TSS200	Island	3.940E-01	1.637E-14

<i>SARM1</i>	cg23887396	23098	17	Gene body	Island	3.231E-01	2.198E-02
<i>SCARF2</i>	cg14785479	91179	22	TSS1500	Island	3.738E-01	7.016E-04
<i>SCNN1B</i>	cg23113963	6338	16	TSS1500	Island	3.833E-01	4.519E-04
<i>SEC31B</i>	cg20831708	25956	10	5'UTR	Island	3.198E-01	4.690E-04
<i>SEC61A2</i>	cg18678121	55176	10	TSS1500	N-Shore	-3.416E-01	8.466E-05
<i>SEPT14</i>	cg08489623	346288	7	Gene body	Open sea	-3.512E-01	3.105E-07
<i>SERPINB10</i>	cg23696618	5273	18	Gene body	Open sea	-3.736E-01	6.087E-11
<i>SFRP1</i>	cg13398291	6422	8	1stExon	Island	4.308E-01	5.731E-06
<i>SFRP1</i>	cg15839448	6422	8	1stExon	Island	4.340E-01	3.505E-13
<i>SFRP1</i>	cg22418909	6422	8	1stExon/5'UTR	Island	4.528E-01	9.933E-16
<i>SFRP2</i>	cg11354906	6423	4	TSS200	Island	3.253E-01	5.085E-03
<i>SFRP2</i>	cg23207990	6423	4	TSS1500	Island	3.677E-01	1.067E-07
<i>SFT2D3</i>	cg11206634	84826	2	TSS200	N-Shore	-3.309E-01	3.885E-06
<i>SH3GL3</i>	cg22946150	6457	15	Gene body/1stExon/5'UTR	Island	4.854E-01	2.935E-07
<i>SHD</i>	cg26646370	56961	19	5'UTR/1stExon	Island	3.806E-01	3.731E-02
<i>SIGLEC7</i>	cg01193293	27036	19	TSS1500	Open sea	-3.330E-01	1.757E-08
<i>SIRPB1</i>	cg09577651	10326	20	TSS200	Open sea	-3.342E-01	5.882E-10
<i>SIRPD</i>	cg17423978	128646	20	TSS1500	Open sea	-3.638E-01	2.884E-05
<i>SIX6</i>	cg19456540	4990	14	1stExon	Island	4.351E-01	7.133E-08
<i>SLAMF7</i>	cg07837085	57823	1	TSS200	Open sea	-3.403E-01	6.577E-08
<i>SLAMF9</i>	cg09737668	89886	1	Gene body	Open sea	3.034E-01	4.957E-08
<i>SLC12A5</i>	cg22752533	57468	20	1stExon/5'UTR/Gene body	Island	3.933E-01	4.247E-12
<i>SLC13A5</i>	cg22040627	284111	17	TSS1500	Island	3.378E-01	6.299E-04
<i>SLC16A12</i>	cg09186006	387700	10	1stExon/5'UTR	Island	4.508E-01	3.168E-08
<i>SLC16A12</i>	cg12005098	387700	10	TSS200	Island	4.535E-01	4.090E-05
<i>SLC16A7</i>	cg11871280	9194	12	TSS1500	Open sea	-3.174E-01	3.494E-03
<i>SLC17A1</i>	cg03835296	6568	6	5'UTR	Open sea	-3.156E-01	5.556E-04
<i>SLC17A2</i>	cg05948654	10246	6	1stExon/5'UTR	Open sea	-3.548E-01	3.999E-09
<i>SLC18A3</i>	cg11389172	6572	10	TSS200	Island	4.355E-01	1.321E-08
<i>SLC18A3</i>	cg14008883	6572	10	1stExon	Island	3.505E-01	3.356E-11
<i>SLC22A12</i>	cg07220939	116085	11	1stExon/5'UTR	Open sea	-4.632E-01	7.222E-07
<i>SLC22A18</i>	cg03336167	5002	11	Gene body	Island	4.353E-01	2.721E-08
<i>SLC22A6</i>	cg12428447	9356	11	TSS1500	Open sea	-3.075E-01	2.784E-04
<i>SLC26A3</i>	cg04996020	1811	7	TSS1500	Open sea	-3.978E-01	1.938E-08
<i>SLC26A4</i>	cg14646244	5172	7	TSS1500	N-Shore	-3.829E-01	6.582E-14
<i>SLC27A6</i>	cg07103493	28965	5	5'UTR/1stExon	Island	3.121E-01	3.677E-05
<i>SLC30A8</i>	cg07459489	169026	8	TSS200	Open sea	-3.128E-01	4.035E-03
<i>SLC30A8</i>	cg23338195	169026	8	TSS1500	Open sea	-4.287E-01	8.770E-10
<i>SLC35F3</i>	cg25437385	148641	1	1stExon	Island	4.981E-01	5.633E-06
<i>SLC3A1</i>	cg02192965	6519	2	1stExon	Open sea	-4.166E-01	7.887E-08
<i>SLC4A1</i>	cg03580247	6521	17	1stExon/5'UTR	Open sea	-3.256E-01	9.588E-04
<i>SLC5A4</i>	cg13507893	6527	22	Gene body	Open sea	-3.104E-01	5.613E-04
<i>SLC5A7</i>	cg16232126	60482	2	1stExon/5'UTR	Island	3.775E-01	6.319E-05
<i>SLC6A1</i>	cg11021744	6529	3	TSS200	N-Shore	3.026E-01	3.462E-02
<i>SLC6A15</i>	cg03064067	55117	12	TSS1500	S-Shore	3.202E-01	4.307E-05
<i>SLC6A18</i>	cg19421752	348932	5	TSS1500	N-Shore	-3.929E-01	3.010E-10
<i>SLC6A19</i>	cg19421752	340024	5	3'UTR	N-Shore	-3.929E-01	3.010E-10
<i>SLC6A2</i>	cg04490714	6530	16	1stExon/5'UTR	Island	4.186E-01	8.947E-07
<i>SLC6A2</i>	cg10362591	6530	16	TSS1500	Island	3.916E-01	1.177E-03
<i>SLC6A3</i>	cg13202751	6531	5	TSS1500	Island	3.299E-01	5.707E-09
<i>SLCO1A2</i>	cg15583072	6579	12	5'UTR	Open sea	-3.298E-01	2.468E-09
<i>SLCO1B1</i>	cg00995065	10599	12	TSS1500	Open sea	-3.581E-01	1.014E-06
<i>SLITRK1</i>	cg07104706	114798	13	1stExon/5'UTR	S-Shelf	3.124E-01	2.079E-02
<i>SLITRK3</i>	cg14717170	22865	3	TSS200	Open sea	3.066E-01	5.708E-03
<i>SLITRK5</i>	cg09083627	26050	13	TSS1500	Island	5.319E-01	1.467E-15
<i>SNAP91</i>	cg21688264	9892	6	Gene body/5'UTR	Island	4.747E-01	2.120E-06
<i>SNCAIP</i>	cg04684516	9627	5	1stExon/5'UTR	Island	3.361E-01	1.877E-02
<i>SND1</i>	cg15087147	27044	7	Gene body	Island	3.349E-01	2.359E-03
<i>SNORD116-1</i>	cg10832166	100033413	15	Gene body	Open sea	-3.305E-01	2.625E-07
<i>SNX32</i>	cg19018097	254122	11	TSS200	Island	3.509E-01	4.615E-04
<i>SORCS3</i>	cg16787600	22986	10	1stExon/5'UTR	Island	5.297E-01	7.501E-11
<i>SOX1</i>	cg06675478	6656	13	TSS200	Island	3.491E-01	1.091E-15
<i>SOX11</i>	cg08432727	6664	2	TSS1500	N-Shore	3.428E-01	6.182E-08

SOX11	cg20008332	6664	2	1stExon	Island	4.666E-01	3.396E-10
SOX17	cg02919422	64321	8	5'UTR/1stExon	Island	3.402E-01	1.445E-10
SP140	cg17607231	11262	2	TSS200	Open sea	-3.025E-01	1.322E-03
SPACA3	cg26829529	124912	17	TSS1500	Open sea	-3.005E-01	6.923E-11
SPAG6	cg06908778	9576	10	Gene body	Island	3.943E-01	3.165E-11
SPATA16	cg06577725	83893	3	1stExon/5'UTR	Open sea	-3.244E-01	4.612E-03
SPATA17	cg01727899	128153	1	Gene body	S-Shore	-3.890E-01	7.670E-08
SPATA19	cg18457737	219938	11	Gene body	Open sea	-3.637E-01	4.553E-13
SPDYA	cg04786857	245711	2	5'UTR	Island	3.235E-01	2.141E-02
SPG20	cg18755783	23111	13	5'UTR	Island	3.428E-01	2.896E-02
SPHKAP	cg04072323	80309	2	1stExon/5'UTR	Island	3.137E-01	6.950E-03
SPHKAP	cg06092815	80309	2	TSS200	Island	3.606E-01	3.060E-11
SPOCK1	cg12832649	6695	5	5'UTR	Island	4.143E-01	1.347E-03
SPON1	cg02994974	10418	11	1stExon	Island	4.112E-01	6.856E-05
SPRR2A	cg18766755	6700	1	5'UTR	Open sea	-3.484E-01	1.163E-09
SPRR2D	cg14826683	6703	1	TSS1500	Open sea	-3.860E-01	2.052E-07
SPSB4	cg22036988	92369	3	TSS1500	Island	3.760E-01	9.946E-03
SPTA1	cg22730004	6708	1	TSS1500	Open sea	-3.047E-01	2.273E-12
SRBD1	cg02630207	55133	2	TSS1500	S-Shore	-3.235E-01	1.296E-06
SRD5A2	cg15403517	6716	2	TSS1500	Island	3.167E-01	2.283E-08
SRD5A2	cg19502744	6716	2	1stExon	Island	3.778E-01	8.039E-13
SRP68	cg21885995	6730	17	TSS1500	N-Shore	-3.376E-01	1.004E-08
SST	cg02164046	6750	3	1stExon/5'UTR	Island	3.786E-01	1.484E-09
SSTR4	cg17586860	6754	20	TSS200	Island	4.603E-01	3.980E-09
ST6GAL2	cg04434339	84620	2	1stExon/5'UTR	Island	4.214E-01	9.518E-06
ST6GALNAC5	cg13823136	81849	1	TSS200	Island	3.027E-01	8.564E-03
ST8SIA5	cg19751300	29906	18	1stExon	Island	3.095E-01	1.325E-04
STK38	cg02964385	11329	6	TSS1500	S-Shore	-4.209E-01	1.835E-11
SYN3	cg16894211	8224	22	TSS1500/5'UTR	Open sea	-4.068E-01	6.765E-06
SYT10	cg00902195	341359	12	1stExon/5'UTR	Island	3.187E-01	6.939E-04
SYT9	cg08185661	143425	11	1stExon	Island	4.729E-01	1.131E-10
T	cg17188046	6862	6	TSS200	Island	3.744E-01	2.256E-03
TAC1	cg07550362	6863	7	TSS200	Island	3.128E-01	7.512E-05
TAC1	cg14221171	6863	7	5'UTR	Island	3.008E-01	1.035E-04
TAP1	cg03465320	6890	6	TSS1500	S-Shore	-3.112E-01	2.348E-09
TAP1	cg16890093	6890	6	3'UTR	S-Shore	-3.305E-01	1.476E-08
TCERG1L	cg03943081	256536	10	TSS1500	Island	3.528E-01	8.717E-06
TCP10L	cg20857253	140290	21	5'UTR	Open sea	-3.656E-01	5.084E-11
TDRD9	cg07613153	122402	14	Gene body	Open sea	-3.108E-01	7.218E-10
TERF2IP	cg08585897	54386	16	TSS1500	N-Shore	-3.438E-01	1.959E-06
TEX15	cg20939319	56154	8	TSS1500	Open sea	-3.263E-01	1.035E-04
TFPI2	cg14377593	7980	7	TSS200	Island	4.040E-01	1.595E-05
TFPI2	cg19784477	7980	7	Gene body	Island	3.171E-01	6.576E-03
TFPI2	cg22799321	7980	7	Gene body	Island	3.735E-01	3.613E-04
TFPI2	cg23141855	7980	7	Gene body	Island	3.910E-01	9.167E-07
TFPI2	cg23686014	7980	7	1stExon	Island	3.795E-01	1.203E-04
THRSP	cg16505204	7069	11	TSS1500	Open sea	-3.425E-01	1.634E-05
TINAG	cg12397274	27283	6	TSS1500	Open sea	-3.070E-01	1.079E-11
TLX3	cg25720804	30012	5	1stExon	Island	4.755E-01	2.803E-15
TM4SF19	cg05445326	116211	3	TSS1500	Open sea	-3.601E-01	3.756E-05
TM4SF20	cg20683151	79853	2	1stExon	Open sea	-3.298E-01	9.402E-04
TM6SF1	cg14696396	53346	15	1stExon	Island	4.374E-01	3.251E-09
TMEFF2	cg06856528	23671	2	5'UTR/1stExon	Island	4.065E-01	8.216E-11
TMEFF2	cg18221862	23671	2	1stExon	Island	3.520E-01	1.128E-04
TMEM116	cg26789453	89894	12	TSS1500	S-Shore	-3.681E-01	2.540E-12
TMEM132E	cg18338311	124842	17	1stExon/5'UTR	Island	4.113E-01	1.606E-04
TMEM139	cg09243021	135932	7	3'UTR	N-Shore	3.462E-01	5.769E-06
TMEM155	cg05396987	132332	4	1stExon/5'UTR	Island	3.461E-01	6.683E-08
TMEM178	cg21553524	130733	2	1stExon/5'UTR	Island	3.381E-01	3.813E-02
TMEM179	cg00107187	388021	14	1stExon	Island	3.016E-01	2.809E-04
TMEM179	cg03734874	388021	14	TSS1500	Island	3.259E-01	4.886E-04
TMEM74	cg15042080	157753	8	1stExon/5'UTR	Island	4.262E-01	1.634E-02
TMEM90B	cg16098981	79953	20	5'UTR/1stExon	Island	3.828E-01	2.054E-03



<i>TMPRSS11F</i>	cg02936740	389208	4	TSS1500	Open sea	-3.674E-01	6.887E-10
<i>TMPRSS3</i>	cg25608949	64699	21	TSS200	Open sea	-3.389E-01	4.694E-07
<i>TNF</i>	cg11484872	7124	6	TSS200	Open sea	-3.068E-01	8.227E-07
<i>TNFRSF10A</i>	cg26530341	8797	8	TSS1500	S-Shore	-4.803E-01	1.048E-09
<i>TOX2</i>	cg11319389	84969	20	TSS200/Gene body	Island	3.615E-01	1.077E-08
<i>TP73</i>	cg00565688	7161	1	TSS1500	Island	3.457E-01	2.157E-03
<i>TP73</i>	cg04391111	7161	1	TSS1500	Island	3.217E-01	2.324E-02
<i>TP73</i>	cg16607065	7161	1	Gene body/TSS200	Island	-3.604E-01	5.536E-05
<i>TPM3</i>	cg12205230	7170	1	TSS1500	Open sea	-3.325E-01	8.635E-09
<i>TPSD1</i>	cg01375871	23430	16	TSS1500	N-Shelf	-3.582E-01	2.466E-07
<i>TRAM1L1</i>	cg05807991	133022	4	TSS200	Island	3.736E-01	9.256E-03
<i>TRDN</i>	cg14462830	10345	6	TSS1500	Open sea	-3.314E-01	2.021E-06
<i>TREML2</i>	cg19005210	79865	6	TSS200	Open sea	-4.065E-01	1.095E-07
<i>TRH</i>	cg01009664	7200	3	5'UTR/1stExon	Island	4.694E-01	4.237E-15
<i>TRHDE</i>	cg13663218	29953	12	1stExon	Island	3.380E-01	3.360E-05
<i>TRHR</i>	cg22268164	7201	8	1stExon	Open sea	-4.098E-01	2.322E-04
<i>TRHR</i>	cg26989103	7201	8	TSS200	Open sea	-4.113E-01	4.796E-05
<i>TRIM15</i>	cg06051311	89870	6	5'UTR/1stExon	Open sea	-3.030E-01	1.621E-08
<i>TRIM17</i>	cg23540518	51127	1	1stExon/5'UTR	Island	3.500E-01	8.245E-05
<i>TRIM31</i>	cg00679556	11074	6	5'UTR	Open sea	-3.635E-01	2.884E-09
<i>TRIM31</i>	cg15238224	11074	6	TSS1500	Open sea	-3.500E-01	2.533E-15
<i>TRIM40</i>	cg09196959	135644	6	TSS200	Open sea	-3.794E-01	2.121E-14
<i>TRIM58</i>	cg07533148	25893	1	1stExon	Island	4.610E-01	1.241E-11
<i>TRIM61</i>	cg00393585	391712	4	Gene body	Island	3.918E-01	7.515E-03
<i>TRIM63</i>	cg13998293	84676	1	TSS1500	Open sea	-3.575E-01	5.539E-12
<i>TRPA1</i>	cg01610488	8989	8	TSS200	Island	4.754E-01	1.763E-06
<i>TRPA1</i>	cg06493386	8989	8	1stExon/5'UTR	Island	3.103E-01	1.131E-05
<i>TRPC4</i>	cg21432954	7223	13	1stExon/5'UTR	Island	3.251E-01	9.153E-03
<i>TRPM2</i>	cg08191854	7226	21	TSS200	Open sea	-3.947E-01	1.352E-10
<i>TRPM6</i>	cg22161874	140803	9	TSS200	S-Shore	-3.039E-01	2.772E-04
<i>TSGA13</i>	cg02332073	114960	7	TSS1500	Open sea	-3.227E-01	1.344E-09
<i>TSPAN32</i>	cg00041575	10077	11	TSS1500	Open sea	-4.088E-01	3.291E-11
<i>TSPYL5</i>	cg15747595	85453	8	1stExon	Island	3.161E-01	8.221E-04
<i>TUBB6</i>	cg07307078	84617	18	TSS1500	Island	3.665E-01	8.729E-03
<i>TWIST1</i>	cg00240432	7291	7	TSS200	Island	3.168E-01	1.549E-02
<i>TWIST1</i>	cg20052718	7291	7	1stExon	Island	4.241E-01	1.599E-06
<i>TWIST1</i>	cg20498685	7291	7	3'UTR	Island	4.118E-01	9.894E-06
<i>TWIST1</i>	cg24446548	7291	7	1stExon/5'UTR	Island	5.647E-01	9.907E-06
<i>TWIST1</i>	cg26312150	7291	7	1stExon	Island	3.284E-01	1.277E-04
<i>UCN</i>	cg04527918	7349	2	TSS200	Island	3.727E-01	8.287E-07
<i>UGT3A1</i>	cg23317501	133688	5	Gene body	Open sea	3.399E-01	8.080E-08
<i>UGT3A2</i>	cg07084163	167127	5	Gene body	Open sea	3.078E-01	7.167E-06
<i>UNC5C</i>	cg13265789	8633	4	TSS1500	Island	3.309E-01	3.725E-02
<i>UNC80</i>	cg14419187	285175	2	Gene body	S-Shore	3.204E-01	2.868E-03
<i>UTF1</i>	cg03755123	8433	10	TSS1500	Island	4.092E-01	1.825E-13
<i>UTF1</i>	cg09053680	8433	10	1stExon	Island	4.991E-01	1.420E-09
<i>VAX1</i>	cg00263760	11023	10	1stExon	Island	3.418E-01	4.660E-05
<i>VDAC3</i>	cg17910564	7419	8	TSS1500	N-Shore	-3.018E-01	4.944E-11
<i>VHL</i>	cg16869108	7428	3	Gene body	S-Shore	-3.426E-01	8.272E-08
<i>VHL</i>	cg24092914	7428	3	Gene body	S-Shore	-4.214E-01	3.741E-06
<i>VIM</i>	cg12874092	7431	10	Gene body	Island	4.370E-01	8.482E-03
<i>VIPR2</i>	cg18349835	7434	7	Gene body	Island	5.208E-01	4.425E-09
<i>VN1R2</i>	cg19554294	317701	19	1stExon	S-Shelf	-3.093E-01	2.153E-09
<i>VNN1</i>	cg00852964	8876	6	1stExon	Open sea	-3.363E-01	6.075E-06
<i>VNN1</i>	cg02184413	8876	6	TSS200	Open sea	-3.348E-01	2.934E-06
<i>VSTM1</i>	cg12315311	284415	19	TSS1500	Open sea	-3.492E-01	8.189E-21
<i>VSX1</i>	cg06151165	30813	20	Gene body	Island	4.398E-01	1.361E-09
<i>VSX1</i>	cg23097006	30813	20	TSS1500	N-Shore	-3.391E-01	1.160E-03
<i>VWC2</i>	cg04454951	375567	7	TSS1500	Island	3.390E-01	7.340E-06
<i>WBSCR17</i>	cg01366419	64409	7	TSS1500	Island	3.853E-01	3.593E-06
<i>WDR8</i>	cg04391111	49856	1	TSS1500	Island	3.217E-01	2.324E-02
<i>WDR8</i>	cg26128092	49856	1	TSS1500	Island	3.250E-01	2.165E-04
<i>WDR86</i>	cg24068372	349136	7	TSS200	Island	3.236E-01	1.385E-02

WDR88	cg26687173	126248	19	1stExon	Island	3.369E-01	2.454E-18
WFDC6	cg12547930	140870	20	TSS1500	Open sea	-3.113E-01	1.985E-06
WIF1	cg19427610	11197	12	5'UTR/1stExon	Island	3.456E-01	1.298E-02
WIFI2	cg20592700	26100	7	1stExon	Island	-3.406E-01	6.892E-31
WNT2	cg01830294	7472	7	TSS200	Island	3.517E-01	4.438E-05
WNT8A	cg08603768	7478	5	Gene body	Open sea	-3.190E-01	2.377E-08
WT1	cg01693350	7490	11	Gene body	Island	3.539E-01	2.735E-07
WT1	cg04096767	7490	11	Gene body	Island	3.064E-01	9.667E-05
WT1	cg13641903	7490	11	Gene body	Island	3.845E-01	1.549E-15
WT1	cg15107670	7490	11	1stExon	Island	3.365E-01	1.378E-06
XBP1	cg18940763	7494	22	TSS1500	S-Shore	-3.088E-01	1.616E-10
ZBTB46	cg21291985	140685	20	TSS200	N-Shelf	-3.183E-01	3.547E-04
ZFP28	cg23850212	140612	19	TSS1500	Island	3.415E-01	1.361E-04
ZFP82	cg25886284	284406	19	5'UTR/1stExon	Island	3.902E-01	7.802E-05
ZNF134	cg08849574	7693	19	5'UTR	S-Shore	3.228E-01	3.913E-02
ZNF135	cg16638540	7694	19	TSS200	Island	3.981E-01	5.473E-14
ZNF148	cg15705999	7707	3	5'UTR	Island	-3.259E-01	1.630E-24
ZNF154	cg08668790	7710	19	TSS200	S-Shore	4.258E-01	1.840E-08
ZNF154	cg21790626	7710	19	5'UTR/1stExon	Island	5.187E-01	3.323E-10
ZNF177	cg09643544	7730	19	1stExon/5'UTR	Island	3.091E-01	4.439E-10
ZNF22	cg00899659	7570	10	TSS1500	N-Shore	-3.684E-01	2.586E-07
ZNF331	cg15205507	55422	19	1stExon/5'UTR	Island	3.594E-01	3.064E-02
ZNF415	cg10332700	55786	19	5'UTR/1stExon/Gene body	Island	3.916E-01	1.601E-03
ZNF454	cg03355526	285676	5	5'UTR	Island	3.941E-01	1.336E-11
ZNF454	cg23037403	285676	5	TSS200	Island	3.655E-01	2.780E-10
ZNF471	cg14289985	57573	19	TSS1500	Island	3.674E-01	1.069E-05
ZNF540	cg03975694	163255	19	5'UTR/1stExon	S-Shelf	3.590E-01	1.214E-11
ZNF540	cg27389185	163255	19	TSS200	S-Shore	3.359E-01	1.103E-14
ZNF542	cg26309134	147947	19	TSS200/Gene body	Island	4.976E-01	5.640E-06
ZNF560	cg04062391	147741	19	5'UTR	Island	3.116E-01	2.409E-04
ZNF577	cg16731240	84765	19	TSS200	Island	3.439E-01	1.446E-02
ZNF610	cg07703337	162963	19	5'UTR/TSS1500	Open sea	-3.412E-01	7.656E-05
ZNF610	cg15062535	162963	19	5'UTR/TSS1500	Open sea	-3.232E-01	8.143E-07
ZNF619	cg21942438	285267	3	TSS1500	N-Shore	-3.133E-01	5.217E-08
ZNF660	cg22598028	285349	3	5'UTR/1stExon	Island	3.965E-01	1.085E-03
ZNF671	cg19246110	79891	19	1stExon/5'UTR	Island	4.860E-01	4.865E-06
ZNF677	cg16708981	342926	19	TSS1500	S-Shore	3.312E-01	6.829E-05
ZNF677	cg18335068	342926	19	5'UTR	Island	3.443E-01	8.477E-04
ZNF71	cg17136126	58491	19	TSS200	N-Shore	3.345E-01	4.054E-02
ZNF75A	cg02825709	7627	16	TSS1500	N-Shore	-3.153E-01	2.016E-04
ZNF781	cg25875213	163115	19	5'UTR/1stExon	Island	4.308E-01	1.815E-06
ZNF804B	cg27319898	219578	7	1stExon/5'UTR	Island	3.534E-01	5.357E-03
ZSCAN1	cg21331821	284312	19	TSS1500	Island	4.336E-01	9.098E-08
ZSCAN10	cg20055101	84891	16	1stExon	S-Shelf	-3.112E-01	7.788E-09
ZSCAN18	cg06243556	65982	19	Gene body/5'UTR/1stExon	Island	3.794E-01	2.557E-02
ZSCAN18	cg18888520	65982	19	Gene body/TSS200	Island	3.365E-01	1.924E-02
NA	cg13912117	NA	8	NA	Island	5.876E-01	1.603E-12
NA	cg05585544	NA	11	NA	Open sea	-3.171E-01	1.056E-04
NA	cg25538571	NA	8	NA	Open sea	-3.142E-01	4.018E-06
NA	cg20234959	NA	1	NA	Open sea	-3.034E-01	5.987E-06
NA	cg13391235	NA	16	NA	N-Shore	-3.012E-01	2.789E-04

(B) Genes showing significant differences of DNA methylation levels between T and C samples in Cluster B1

Gene symbol	Probe ID <sup>1</sup>	National Center for Biotechnology Information (NCBI) Gene ID	Chromosome	Gene region <sup>2</sup>	CpG type <sup>3</sup>	$\Delta\beta_{T,C}$	<i>P</i>
ABCC12	cg14074641	94160	16	TSS1500	Open sea	-4.107E-01	3.972E-09
ABCC2	cg09448875	1244	10	TSS200	Open sea	-3.035E-01	1.915E-03
ACAT1	cg24341800	38	11	TSS200	Island	3.048E-01	5.593E-15
ACTA1	cg13547644	58	1	5'UTR	Island	3.054E-01	1.746E-03
ACTL6B	cg08572611	51412	7	Gene body	Island	3.343E-01	1.251E-03
ADAM12	cg11668923	8038	10	1stExon/5'UTR	Island	3.422E-01	2.608E-04
ADAMTS18	cg03238797	170692	16	1stExon/5'UTR	Island	4.005E-01	9.282E-06
ADCY4	cg16761581	196883	14	1stExon	Island	3.294E-01	1.957E-02

ADD2	cg25631352	119	2	TSS200	S-Shore	3.159E-01	4.620E-03
ADHFE1	cg01988129	137872	8	Gene body	Island	4.803E-01	2.587E-05
ADRB3	cg17619823	155	8	1stExon	Island	3.372E-01	1.183E-03
AFF3	cg06183267	3899	2	TSS200	Open sea	-3.356E-01	6.081E-06
AIM2	cg10636246	9447	1	TSS1500	Open sea	-4.655E-01	1.248E-14
AJAP1	cg17525406	55966	1	Gene body	Island	5.164E-01	1.059E-07
AJAP1	cg20959866	55966	1	TSS1500	Island	3.281E-01	2.471E-04
ALDH1A3	cg21359747	220	15	Gene body	Island	3.642E-01	3.082E-02
ALX4	cg26365854	60529	11	Gene body	Island	3.410E-01	1.374E-02
AMICA1	cg07376232	120425	11	Gene body/TSS1500	Open sea	-3.447E-01	4.081E-08
AMPH	cg10293925	273	7	5'UTR/1stExon	Island	4.484E-01	2.170E-06
ANKRD13C	cg19342782	81573	1	TSS1500	S-Shore	-3.147E-01	4.161E-13
ANXA13	cg02800334	312	8	TSS1500	Open sea	-3.236E-01	4.068E-06
ARHGAP15	cg27365426	55843	2	TSS1500	Open sea	-3.383E-01	2.959E-08
BAALC	cg10918202	79870	8	1stExon	Island	3.662E-01	3.633E-02
BATF	cg15645309	10538	14	TSS200	Open sea	-3.139E-01	5.500E-10
BLNK	cg16779976	29760	10	1stExon	Open sea	-3.458E-01	3.658E-13
BNC1	cg18952647	646	15	TSS1500	Island	3.755E-01	4.304E-03
BPI	cg08254089	671	20	Gene body	Open sea	-3.436E-01	2.433E-10
BPTF	cg16435601	2186	17	1stExon	S-Shore	-3.696E-01	7.823E-20
C10orf25	cg00899659	220979	10	Gene body	N-Shore	-3.360E-01	6.978E-05
C11orf21	cg00041575	29125	11	Gene body	Open sea	-3.862E-01	5.789E-13
C14orf162	cg14912575	56936	14	TSS1500	Island	3.248E-01	4.036E-06
C17orf73	cg03016571	55018	17	Gene body	Open sea	-3.077E-01	7.586E-04
C17orf93	cg12374721	360205	17	TSS1500	N-Shore	4.176E-01	1.515E-06
C1orf150	cg05767404	148823	1	Gene body	Open sea	-3.574E-01	4.190E-06
C1orf59	cg00328227	113802	1	TSS200/TSS1500	Island	-3.211E-01	1.507E-09
C8orf56	cg10918202	157556	8	Gene body	Island	3.662E-01	3.633E-02
CACNB2	cg01805540	783	10	1stExon	Island	4.326E-01	4.795E-05
CASP8	cg26799474	841	2	5'UTR	Open sea	-3.354E-01	4.596E-10
CBLN4	cg25993718	140689	20	TSS200	Island	3.169E-01	1.208E-07
CCDC106	cg12582959	29903	19	5'UTR/1stExon	N-Shore	3.161E-01	1.750E-03
CCDC141	cg12501949	285025	2	TSS1500	Open sea	-3.026E-01	6.469E-09
CCDC37	cg00891278	348807	3	1stExon/5'UTR	Island	3.312E-01	4.253E-03
CCDC37	cg20312228	348807	3	TSS200	Island	3.262E-01	1.053E-03
CCL14-CCL15	cg23743114	NA	17	Gene body	Open sea	-4.266E-01	2.049E-06
CCL14-CCL15	cg26548883	NA	17	TSS1500	Open sea	-3.074E-01	3.707E-09
CCL15	cg23743114	6359	17	Gene body	Open sea	-4.266E-01	2.049E-06
CCL15	cg26548883	6359	17	TSS1500	Open sea	-3.074E-01	3.707E-09
CCL7	cg02936263	6354	17	TSS1500	Open sea	-3.055E-01	3.924E-06
CD1B	cg04574507	910	1	Gene body	Open sea	-3.304E-01	1.011E-04
CD2	cg16719404	914	1	TSS1500	Open sea	-3.359E-01	4.492E-09
CD209	cg07608333	30835	19	TSS1500	Open sea	-3.850E-01	2.090E-09
CD300E	cg04995095	342510	17	Gene body	Open sea	-3.273E-01	1.363E-06
CD300LB	cg10523494	124599	17	TSS1500	Open sea	-3.517E-01	5.332E-09
CD37	cg10037005	951	19	TSS200	N-Shelf	-4.262E-01	2.609E-07
CD53	cg22325572	963	1	5'UTR	Open sea	-3.932E-01	7.901E-08
CD8A	cg17108819	925	2	5'UTR/1stExon	Island	3.710E-01	3.188E-02
CDH13	cg00806490	1012	16	Gene body	Island	3.143E-01	1.398E-03
CDH18	cg27043873	1016	5	5'UTR	Open sea	-3.555E-01	6.182E-04
CDO1	cg12880658	1036	5	1stExon/5'UTR	Island	3.397E-01	1.546E-04
CELSR1	cg06268694	9620	22	1stExon	Island	3.196E-01	1.306E-02
CENPP	cg24105685	401541	9	Gene body	Open sea	-3.359E-01	2.275E-05
CHAT	cg11389172	1103	10	5'UTR	Island	3.352E-01	2.141E-03
CHRNA6	cg07906724	8973	8	TSS1500	Open sea	-4.256E-01	5.257E-13
CLEC2D	cg12810837	29121	12	TSS200	Open sea	-3.997E-01	1.318E-07
CNIH3	cg00290506	149111	1	1stExon/5'UTR	Island	3.985E-01	5.142E-04
CNR1	cg23276695	1268	6	5'UTR	Open sea	-3.885E-01	3.466E-06
CNRIP1	cg07080358	25927	2	1stExon	Island	4.082E-01	2.270E-02
CNTNAP2	cg16254309	26047	7	Gene body	S-Shore	3.030E-01	1.016E-03
COL4A1	cg27546237	1282	13	TSS1500	Island	3.582E-01	6.382E-06
COL4A2	cg27546237	1284	13	Gene body	Island	3.582E-01	6.382E-06
COLEC12	cg19461621	81035	18	TSS1500	S-Shore	3.213E-01	2.458E-03

CPA3	cg24290574	1359	3	1stExon	Open sea	-3.833E-01	9.066E-10
CPA4	cg19690404	51200	7	Gene body	Open sea	-3.066E-01	1.381E-06
CPB2	cg14662172	1361	13	1stExon	Open sea	-3.474E-01	1.014E-04
CRMP1	cg03544320	1400	4	1stExon	Island	4.114E-01	1.367E-06
GSNK1A1L	cg01668383	122011	13	1stExon/5'UTR	Open sea	-3.318E-01	1.400E-05
CST7	cg11804789	8530	20	TSS200	Open sea	-4.032E-01	1.035E-09
CSTL1	cg20171451	128817	20	TSS1500	Open sea	3.447E-01	6.129E-29
CTNNA3	cg00132141	29119	10	TSS1500	Open sea	-3.007E-01	2.187E-07
CUX2	cg09229912	23316	12	1stExon/5'UTR	Island	4.254E-01	1.682E-05
CXCR1	cg13519373	3577	2	5'UTR	Open sea	-3.673E-01	8.039E-07
DCC	cg01839464	1630	18	Gene body	Island	3.005E-01	4.029E-03
DEFB118	cg03014957	117285	20	TSS1500	Open sea	-3.006E-01	8.398E-07
DEFB118	cg20312687	117285	20	Gene body	Open sea	-3.097E-01	2.714E-04
DES	cg18182399	1674	2	1stExon/5'UTR	N-Shore	3.059E-01	6.352E-03
DLK1	cg17412258	8788	14	TSS1500	Island	3.006E-01	6.218E-04
DLX5	cg11997899	1749	7	TSS200	Island	3.128E-01	6.910E-05
DLX5	cg13462129	1749	7	Gene body	Island	3.037E-01	7.128E-04
DMBX1	cg09914444	127343	1	TSS1500	Open sea	-4.220E-01	5.592E-12
DMKN	cg10133777	93099	19	TSS1500	Open sea	-3.844E-01	3.367E-08
DMRT1	cg03168582	1761	9	1stExon	Island	4.507E-01	7.443E-03
DMRT2	cg00250430	10655	9	5'UTR	N-Shore	3.000E-01	3.367E-02
DMRT3	cg12420104	58524	9	1stExon	Island	3.220E-01	6.279E-03
DNASE1L2	cg12619509	1775	16	5'UTR	Island	3.502E-01	1.625E-09
DOK5	cg11822659	55816	20	Gene body	Island	3.094E-01	2.280E-02
DPYS	cg10303487	1807	8	1stExon	Island	4.683E-01	7.420E-11
DPYSL4	cg12109455	10570	10	Gene body	Island	3.027E-01	9.570E-04
DRD4	cg06825142	1815	11	TSS200	Island	3.482E-01	3.487E-02
DSCR10	cg17233935	259234	21	TSS1500	Open sea	-3.537E-01	4.824E-06
DUSP2	cg01148741	1844	2	TSS1500	Island	-3.556E-01	2.649E-14
ECEL1	cg25431974	9427	2	TSS1500	Island	3.616E-01	4.439E-10
ECM2	cg24105685	1842	9	TSS1500	Open sea	-3.359E-01	2.275E-05
EDIL3	cg16773899	10085	5	5'UTR/1stExon	Island	3.003E-01	1.164E-02
EDNRB	cg23316360	1910	13	5'UTR/1stExon	Island	4.150E-01	2.188E-07
EFCAB1	cg22836229	79645	8	5'UTR/1stExon	Island	3.154E-01	4.111E-03
ELOVL2	cg13562911	54898	6	Gene body	Island	4.050E-01	3.598E-02
EMCN	cg12532667	51705	4	TSS1500	Open sea	-3.025E-01	1.790E-08
EPB41L3	cg00027083	23136	18	5'UTR	Island	3.896E-01	9.160E-10
EPDR1	cg27641018	54749	7	TSS1500	N-Shore	-3.244E-01	2.081E-04
EPHA5	cg18420965	2044	4	Gene body	N-Shore	3.067E-01	1.996E-02
EPO	cg08575537	2056	7	Gene body	Island	4.026E-01	1.967E-04
ERC2	cg04759439	26059	3	TSS1500	Island	3.633E-01	2.070E-03
ERP29	cg26789453	10961	12	Gene body	S-Shore	-3.719E-01	1.148E-11
EYA4	cg01805282	2070	6	5'UTR	Island	3.314E-01	1.161E-04
EYA4	cg20286200	2070	6	TSS1500	Island	3.449E-01	5.168E-04
EYA4	cg24176563	2070	6	5'UTR/1stExon	Island	3.421E-01	5.128E-05
EYA4	cg26656135	2070	6	5'UTR/1stExon	Island	3.375E-01	4.688E-04
FAM101A	cg21453309	144347	12	5'UTR	Open sea	3.106E-01	3.312E-09
FAM123A	cg22029275	219287	13	1stExon/5'UTR	Island	3.954E-01	2.885E-03
FAM150A	cg17162024	389658	8	TSS1500	Island	3.848E-01	8.791E-04
FAM20A	cg13591701	54757	17	5'UTR/1stExon	Island	3.594E-01	4.610E-02
FAM43B	cg20404387	163933	1	1stExon/5'UTR	Island	3.031E-01	6.854E-04
FBN1	cg18671950	2200	15	Gene body	Island	3.664E-01	1.045E-03
FBN2	cg25084878	2201	5	1stExon/5'UTR	Island	4.108E-01	3.314E-05
FCAR	cg05252264	2204	19	1stExon	Open sea	-3.216E-01	1.128E-05
FCRL3	cg08786003	115352	1	TSS200	Open sea	-3.335E-01	8.388E-05
FCRL3	cg25259754	115352	1	Gene body	Open sea	-3.062E-01	3.109E-06
FLRT2	cg17410236	23768	14	1stExon/5'UTR	Island	3.946E-01	5.038E-05
FLT3	cg07017374	2322	13	Gene body	Island	4.948E-01	4.345E-04
FLT4	cg00489401	2324	5	Gene body	Island	3.570E-01	1.464E-06
FOLR2	cg11295113	2350	11	1stExon/5'UTR	Open sea	-3.125E-01	3.093E-05
FOXD3	cg22815110	27022	1	1stExon	Island	3.656E-01	1.275E-03
FOXP1	cg10300684	2290	14	1stExon/5'UTR	N-Shore	3.068E-01	5.262E-04
FOXP2	cg19884262	399823	10	1stExon	Island	3.077E-01	1.104E-04

<i>FZD10</i>	cg23054883	11211	12	1stExon	Island	3.195E-01	3.453E-03
<i>GAL3ST3</i>	cg21238818	89792	11	5'UTR/1stExon	Island	3.540E-01	5.080E-10
<i>GALR1</i>	cg04534765	2587	18	1stExon/5'UTR	Island	4.028E-01	3.628E-08
<i>GALR1</i>	cg10486998	2587	18	TSS1500	Island	3.017E-01	7.066E-04
<i>GALR1</i>	cg26721264	2587	18	TSS1500	Island	3.788E-01	2.681E-05
<i>GBG71</i>	cg01169778	26301	9	5'UTR	Island	4.225E-01	1.743E-13
<i>GCM1</i>	cg20967220	8521	6	TSS200	Open sea	-3.014E-01	2.355E-03
<i>GCM2</i>	cg02844545	9247	6	1stExon/5'UTR	Island	3.177E-01	4.480E-07
<i>GDNF</i>	cg07442479	2668	5	1stExon/5'UTR	Island	3.348E-01	5.984E-04
<i>GDPD3</i>	cg13543096	79153	16	TSS1500	Open sea	3.304E-01	3.103E-18
<i>GK2</i>	cg17738194	2712	4	TSS200	Open sea	-3.094E-01	1.335E-04
<i>GNA15</i>	cg26482939	2769	19	Gene body	Open sea	-3.815E-01	8.665E-09
<i>GPATCH2</i>	cg01727899	55105	1	TSS1500	S-Shore	-3.546E-01	3.391E-10
<i>GPR25</i>	cg21870884	2848	1	1stExon	Island	3.324E-01	2.861E-05
<i>GPR26</i>	cg02757432	2849	10	1stExon	Island	3.574E-01	2.932E-12
<i>GPR75</i>	cg14832904	10936	2	5'UTR/1stExon	Island	3.564E-01	3.027E-13
<i>GPR75</i>	cg19664945	10936	2	TSS1500	S-Shore	3.630E-01	9.142E-12
<i>GPX7</i>	cg16557944	2882	1	1stExon	Island	4.044E-01	1.208E-02
<i>GREB1</i>	cg10612997	9687	2	TSS1500	Open sea	-3.336E-01	3.905E-05
<i>GREB1</i>	cg10849854	9687	2	5'UTR	Open sea	-3.487E-01	4.534E-06
<i>GRIA2</i>	cg25148589	2891	4	1stExon/5'UTR	N-Shore	3.108E-01	3.010E-06
<i>GRIA4</i>	cg09980522	2893	11	Gene body/1stExon	S-Shore	3.559E-01	1.578E-07
<i>GRIK2</i>	cg26316946	2898	6	1stExon/5'UTR	Island	3.063E-01	3.174E-03
<i>GRIK3</i>	cg06722633	2899	1	Gene body	Island	3.365E-01	4.859E-04
<i>GUCY2C</i>	cg18754342	2984	12	1stExon	Open sea	-3.621E-01	1.217E-03
<i>HAND2</i>	cg01580681	9464	4	1stExon	N-Shore	3.129E-01	3.285E-05
<i>HAVCR2</i>	cg17484237	84868	5	5'UTR/1stExon	Open sea	-3.575E-01	4.708E-08
<i>HBB</i>	cg14544583	3043	11	TSS1500	Open sea	-3.179E-01	4.584E-04
<i>HBE1</i>	cg08970694	3046	11	Gene body	Open sea	-3.352E-01	6.952E-07
<i>HBQ1</i>	cg07703401	3049	16	1stExon/5'UTR	Island	3.348E-01	4.087E-03
<i>HHIPL1</i>	cg06834875	84439	14	TSS1500	Island	-3.364E-01	2.461E-09
<i>HHLA3</i>	cg19342782	11147	1	Gene body	S-Shore	-3.147E-01	4.161E-13
<i>HIF3A</i>	cg07022477	64344	19	TSS1500	N-Shore	-3.495E-01	8.171E-05
<i>HIST1H2BO</i>	cg12629515	8348	6	TSS1500	N-Shore	-3.783E-01	3.904E-15
<i>HIST1H3J</i>	cg12629515	8356	6	TSS1500	N-Shore	-3.783E-01	3.904E-15
<i>HKR1</i>	cg12024906	284459	19	1stExon/5'UTR	Island	3.136E-01	3.807E-03
<i>HOXA9</i>	cg01381846	3205	7	1stExon	Island	3.535E-01	3.252E-09
<i>HOXA9</i>	cg26521404	3205	7	1stExon	Island	4.588E-01	8.118E-12
<i>HOXA9</i>	cg27009703	3205	7	1stExon	Island	3.043E-01	3.314E-09
<i>HOXB4</i>	cg08089301	3214	17	1stExon	Island	3.948E-01	1.255E-03
<i>HOXB4</i>	cg14458834	3214	17	1stExon	Island	3.836E-01	4.459E-02
<i>HOXB4</i>	cg21546671	3214	17	1stExon	Island	3.783E-01	2.837E-02
<i>HOXD8</i>	cg15520279	3234	2	5'UTR/1stExon	Island	3.445E-01	1.281E-05
<i>HOXD9</i>	cg14991487	3235	2	TSS200	Island	4.026E-01	7.833E-05
<i>HS3ST3A1</i>	cg07480567	9955	17	1stExon/5'UTR	Island	3.220E-01	1.497E-02
<i>HSPA2</i>	cg27120999	3306	14	1stExon	Island	3.118E-01	6.069E-05
<i>ID4</i>	cg17252960	3400	6	TSS1500	N-Shore	3.163E-01	6.103E-04
<i>IDO2</i>	cg16957569	169355	8	TSS1500	Open sea	-3.035E-01	6.060E-06
<i>IGF2</i>	cg13791131	3481	11	5'UTR	Island	3.651E-01	6.771E-06
<i>IGF2</i>	cg25574024	3481	11	5'UTR	Island	4.052E-01	3.422E-06
<i>IGF2AS</i>	cg13791131	51214	11	Gene body	Island	3.651E-01	6.771E-06
<i>IGF2AS</i>	cg25574024	51214	11	Gene body	Island	4.052E-01	3.422E-06
<i>IGSF21</i>	cg23349790	84966	1	5'UTR/1stExon	Island	4.217E-01	8.244E-06
<i>IL1B</i>	cg07935264	3553	2	TSS200	Open sea	-4.106E-01	2.714E-14
<i>IL1R2</i>	cg17142183	7850	2	TSS200	Open sea	-3.139E-01	2.884E-03
<i>IL25</i>	cg14366598	64806	14	TSS1500	Open sea	-3.144E-01	2.965E-08
<i>IL2RA</i>	cg26105232	3559	10	TSS1500	Open sea	-3.421E-01	9.844E-07
<i>INS-IGF2</i>	cg13791131	723961	11	Gene body	Island	3.651E-01	6.771E-06
<i>INS-IGF2</i>	cg25574024	723961	11	Gene body	Island	4.052E-01	3.422E-06
<i>IPO5</i>	cg01679262	3843	13	5'UTR	Open sea	-4.031E-01	5.623E-12
<i>IRX4</i>	cg03963198	50805	5	5'UTR/1stExon	Island	4.278E-01	1.490E-06
<i>IVL</i>	cg25082710	3713	1	TSS1500	Open sea	-3.794E-01	6.758E-12
<i>KARS</i>	cg08585897	3735	16	5'UTR/Gene body	N-Shore	-3.063E-01	1.280E-06

<i>KCNA6</i>	cg26162582	3742	12	5'UTR/1stExon	Island	3.452E-01	5.015E-03
<i>KCNK16</i>	cg02611419	83795	6	3'UTR	S-Shore	-3.039E-01	1.639E-05
<i>KCNK17</i>	cg02611419	89822	6	TSS1500	S-Shore	-3.039E-01	1.639E-05
<i>KCNQ5</i>	cg24687051	56479	6	1stExon	Island	4.636E-01	3.792E-03
<i>KCTD8</i>	cg12300353	386617	4	1stExon	Island	3.258E-01	1.532E-03
<i>KHDRBS2</i>	cg18239753	202559	6	1stExon/5'UTR	Island	3.073E-01	5.658E-05
<i>KIAA1026</i>	cg17657618	23254	1	Gene body	Open sea	-3.159E-01	3.028E-11
<i>KLK9</i>	cg17031773	284366	19	TSS1500	Open sea	-3.084E-01	1.109E-07
<i>KRT1</i>	cg17405586	3848	12	TSS200	Open sea	-3.516E-01	3.531E-05
<i>KRT85</i>	cg21518208	3891	12	TSS200	S-Shore	-3.309E-01	1.927E-06
<i>KRTAP11-1</i>	cg22643217	337880	21	TSS200	Open sea	-3.368E-01	1.811E-08
<i>KRTAP26-1</i>	cg18822544	388818	21	5'UTR/1stExon	Open sea	-3.254E-01	1.534E-09
<i>KRTDAP</i>	cg10305797	388533	19	TSS1500	Open sea	-3.417E-01	1.103E-03
<i>LACRT</i>	cg07643942	90070	12	TSS1500	Open sea	-3.873E-01	3.242E-06
<i>LAMA1</i>	cg07846220	284217	18	1stExon	Island	4.532E-01	5.669E-11
<i>LAT2</i>	cg03375002	7462	7	TSS1500	Open sea	-3.477E-01	2.781E-08
<i>LCP1</i>	cg17771150	3936	13	5'UTR	Open sea	-3.450E-01	5.993E-06
<i>LEP</i>	cg19594666	3952	7	TSS200	Island	3.112E-01	1.679E-09
<i>LHX1</i>	cg22660578	3975	17	TSS1500	Island	3.346E-01	1.211E-04
<i>LILRA2</i>	cg19486673	11027	19	TSS1500	Open sea	-3.244E-01	8.510E-10
<i>LOC100271831</i>	cg13543096	NA	16	TSS200	Open sea	3.304E-01	3.103E-18
<i>LOC100302652</i>	cg14832904	100302652	2	1stExon	Island	3.564E-01	3.027E-13
<i>LOC100302652</i>	cg19664945	100302652	2	TSS200	S-Shore	3.630E-01	9.142E-12
<i>LOC284805</i>	cg26331247	284805	20	Gene body	Open sea	-3.044E-01	9.625E-07
<i>LOC286002</i>	cg14646244	286002	7	Gene body	N-Shore	-3.555E-01	3.214E-10
<i>LRRC4</i>	cg15087147	64101	7	TSS1500	Island	3.207E-01	5.275E-04
<i>LRTOMT</i>	cg23256971	220074	11	5'UTR	S-Shore	3.515E-01	2.453E-31
<i>LVRN</i>	cg25044651	206338	5	1stExon	Island	3.245E-01	3.250E-06
<i>MAEL</i>	cg18894878	84944	1	TSS1500	Island	-3.017E-01	9.028E-04
<i>MAFB</i>	cg02497758	9935	20	1stExon	Island	3.831E-01	1.857E-05
<i>MED21</i>	cg01982833	9412	12	TSS1500	N-Shore	-3.178E-01	5.214E-09
<i>MGAT5B</i>	cg00654814	146664	17	1stExon/5'UTR	Island	3.215E-01	2.700E-02
<i>MGMT</i>	cg07638938	4255	10	Gene body	Open sea	4.126E-01	8.594E-13
<i>MLC1</i>	cg05861567	23209	22	5'UTR/1stExon	Open sea	-3.183E-01	4.781E-05
<i>MMP26</i>	cg12493906	56547	11	TSS200	Open sea	-3.183E-01	2.592E-03
<i>MMRN1</i>	cg21092324	22915	4	1stExon	Open sea	-3.829E-01	4.659E-11
<i>MRGPRX1</i>	cg23001457	259249	11	1stExon	Open sea	-3.368E-01	3.111E-06
<i>MSC</i>	cg06269753	9242	8	Gene body	Island	3.102E-01	3.147E-04
<i>MSC</i>	cg23710218	9242	8	1stExon/5'UTR	Island	3.761E-01	1.386E-07
<i>MSX1</i>	cg09748975	4487	4	Gene body	Island	3.316E-01	7.703E-09
<i>MYBPH</i>	cg18959422	4608	1	TSS1500	Open sea	-3.153E-01	4.293E-08
<i>MYCBP</i>	cg12792157	26292	1	5'UTR/1stExon	Island	-4.253E-01	2.474E-23
<i>MYCT1</i>	cg02830467	80177	6	TSS1500	Open sea	-3.341E-01	2.292E-07
<i>MYO3A</i>	cg08441170	53904	10	1stExon/5'UTR	Island	3.173E-01	1.962E-02
<i>MYO3A</i>	cg23771603	53904	10	5'UTR	Island	3.690E-01	1.845E-03
<i>NALCN</i>	cg15202954	259232	13	TSS200	Island	3.547E-01	1.612E-03
<i>NAT8L</i>	cg21269934	339983	4	TSS1500	Island	3.108E-01	1.106E-03
<i>NAV1</i>	cg25167447	89796	1	TSS1500	Island	3.407E-01	9.994E-06
<i>NCAPH</i>	cg01906055	23397	2	TSS1500	N-Shore	-3.446E-01	8.756E-12
<i>NEFM</i>	cg23290344	4741	8	TSS1500/1stExon	Island	3.478E-01	8.869E-08
<i>NEUROG1</i>	cg04330449	4762	5	1stExon	Island	3.775E-01	2.848E-05
<i>NEUROG1</i>	cg04897683	4762	5	5'UTR/1stExon	Island	3.294E-01	8.357E-03
<i>NHLH2</i>	cg22427279	4808	1	TSS1500	S-Shelf	-3.522E-01	2.130E-09
<i>NID2</i>	cg22881914	22795	14	TSS1500	Island	3.550E-01	9.343E-03
<i>NIPSNAP1</i>	cg13797031	8508	22	TSS1500	S-Shore	-3.676E-01	1.864E-05
<i>NKX2-2</i>	cg17029168	4821	20	5'UTR/1stExon	Island	3.088E-01	2.685E-03
<i>NKX6-2</i>	cg08441806	84504	10	1stExon	Island	3.080E-01	1.259E-05
<i>NLGN2</i>	cg15660077	57555	17	1stExon	N-Shore	3.144E-01	9.438E-09
<i>NLRP12</i>	cg25866075	91662	19	TSS200	Open sea	-3.059E-01	4.134E-08
<i>NPR2</i>	cg12876594	4882	9	TSS1500	Island	3.931E-01	1.998E-14
<i>NPR2</i>	cg24194775	4882	9	TSS1500	N-Shore	4.434E-01	3.270E-13
<i>NPTX2</i>	cg00548268	4885	7	TSS1500	Island	3.463E-01	5.662E-12
<i>NTM</i>	cg20881910	50863	11	TSS1500	Island	3.460E-01	2.026E-03

<i>NTRK3</i>	cg14384532	4916	15	TSS1500	Island	3.208E-01	9.910E-06
<i>NUDT15</i>	cg11473104	55270	13	TSS200	N-Shore	3.483E-01	2.417E-15
<i>OR10J1</i>	cg15700197	26476	1	TSS1500	Open sea	-3.491E-01	2.655E-10
<i>OR51B4</i>	cg06353345	79339	11	1stExon	Open sea	-3.644E-01	1.302E-06
<i>PAX7</i>	cg07536847	5081	1	TSS1500	Island	3.088E-01	6.407E-05
<i>PAX7</i>	cg11428724	5081	1	5'UTR/1stExon	Island	3.930E-01	1.153E-03
<i>PCDH7</i>	cg12629325	56141	5	Gene body	Island	4.173E-01	3.352E-03
<i>PCDHAC1</i>	cg12629325	56135	5	1stExon/5'UTR	Island	4.173E-01	3.352E-03
<i>PDE10A</i>	cg24133115	10846	6	5'UTR/1stExon	Island	3.442E-01	6.214E-03
<i>PIPOX</i>	cg06144905	51268	17	TSS200	Open sea	-3.319E-01	3.362E-09
<i>PKDREJ</i>	cg11377136	10343	22	1stExon	Island	4.230E-01	6.872E-06
<i>PKP2</i>	cg03302287	5318	12	1stExon	Island	-3.532E-01	1.081E-15
<i>PLD5</i>	cg01664666	200150	1	5'UTR	Island	3.092E-01	2.099E-03
<i>PLEKHF1</i>	cg05512099	79156	19	TSS1500	N-Shore	-4.176E-01	7.820E-12
<i>POU3F3</i>	cg20291049	5455	2	1stExon	Island	3.415E-01	3.322E-05
<i>POU4F2</i>	cg24199834	5458	4	1stExon/5'UTR	Island	3.448E-01	8.381E-09
<i>PRAC</i>	cg12374721	84366	17	Gene body	N-Shore	4.176E-01	1.515E-06
<i>PRG2</i>	cg15357945	5553	11	TSS1500	Open sea	-3.025E-01	2.846E-09
<i>PRKAR1B</i>	cg13577076	5575	7	5'UTR/TSS1500	S-Shore	4.038E-01	2.100E-03
<i>PSME2</i>	cg05874478	5721	14	1stExon	N-Shore	-3.268E-01	6.366E-25
<i>PTH2R</i>	cg25057743	5746	2	TSS200	Island	3.273E-01	5.501E-05
<i>PTPN20A</i>	cg02222362	26095	10	TSS200	Island	3.151E-01	3.758E-08
<i>PTPN20B</i>	cg02222362	26095	10	TSS200/TSS1500	Island	3.151E-01	3.758E-08
<i>PTPRT</i>	cg13168820	11122	20	1stExon	Island	3.373E-01	3.996E-03
<i>PXDN</i>	cg12164282	7837	2	1stExon	Island	4.703E-01	2.486E-15
<i>PXDN</i>	cg14037665	7837	2	TSS1500	Island	3.501E-01	4.495E-05
<i>PYCARD</i>	cg12100791	29108	16	TSS200	S-Shore	-3.139E-01	4.424E-08
<i>RELN</i>	cg17923358	5649	7	1stExon	Island	3.345E-01	3.920E-03
<i>RGS6</i>	cg03188118	9628	14	5'UTR/1stExon	S-Shore	3.503E-01	4.895E-07
<i>RIMBP2</i>	cg24272907	23504	12	TSS1500	Open sea	-3.447E-01	5.141E-08
<i>RNF207</i>	cg00030047	388591	1	Gene body	N-Shore	3.543E-01	5.246E-09
<i>RNF217</i>	cg24298280	154214	6	5'UTR	Open sea	-3.014E-01	1.621E-03
<i>RNF31</i>	cg05874478	55072	14	TSS1500	N-Shore	-3.268E-01	6.366E-25
<i>RPL36</i>	cg25136310	25873	19	1stExon/Gene body	Island	-3.203E-01	3.540E-35
<i>RUNX3</i>	cg03171924	864	1	Gene body	Island	3.626E-01	8.562E-14
<i>RUNX3</i>	cg24019564	864	1	TSS1500/Gene body	Island	3.073E-01	2.443E-04
<i>RYR2</i>	cg11657808	6262	1	Gene body	Island	4.550E-01	1.805E-05
<i>S100A8</i>	cg20070090	6279	1	5'UTR	Open sea	-3.268E-01	1.640E-05
<i>SALL3</i>	cg15191648	27164	18	TSS200	Island	3.302E-01	1.537E-08
<i>SARM1</i>	cg23887396	23098	17	Gene body	Island	3.122E-01	3.315E-02
<i>SCARF2</i>	cg14785479	91179	22	TSS1500	Island	3.541E-01	1.294E-02
<i>SCNN1B</i>	cg23113963	6338	16	TSS1500	Island	3.803E-01	2.594E-03
<i>SEC31B</i>	cg20831708	25956	10	5'UTR	Island	3.605E-01	1.578E-06
<i>SEPT1</i>	cg19663795	41982859	16	5'UTR	S-Shelf	-3.017E-01	7.369E-09
<i>SERPINB10</i>	cg23696618	5273	18	Gene body	Open sea	-3.347E-01	7.093E-06
<i>SFRP1</i>	cg13398291	6422	8	1stExon	Island	3.663E-01	7.736E-04
<i>SFRP1</i>	cg15839448	6422	8	1stExon	Island	3.541E-01	9.704E-08
<i>SFRP1</i>	cg22418909	6422	8	1stExon/5'UTR	Island	3.776E-01	4.450E-09
<i>SH3GL3</i>	cg22946150	6457	15	Gene body/1stExon/5'UTR	Island	3.705E-01	1.242E-03
<i>SIRPB1</i>	cg09577651	10326	20	TSS200	Open sea	-3.188E-01	2.466E-08
<i>SIX6</i>	cg19456540	4990	14	1stExon	Island	3.421E-01	1.443E-03
<i>SLAMF7</i>	cg07837085	57823	1	TSS200	Open sea	-3.651E-01	1.545E-10
<i>SLAMF9</i>	cg09737668	89886	1	Gene body	Open sea	3.064E-01	8.818E-14
<i>SLC12A5</i>	cg22752533	57468	20	1stExon/5'UTR/Gene body	Island	3.306E-01	4.350E-07
<i>SLC16A12</i>	cg09186006	387700	10	1stExon/5'UTR	Island	3.726E-01	1.986E-03
<i>SLC16A12</i>	cg12005098	387700	10	TSS200	Island	3.625E-01	3.657E-02
<i>SLC18A3</i>	cg11389172	6572	10	TSS200	Island	3.352E-01	2.141E-03
<i>SLC22A12</i>	cg07220939	116085	11	1stExon/5'UTR	Open sea	-3.830E-01	1.646E-04
<i>SLC22A18</i>	cg03336167	5002	11	Gene body	Island	4.780E-01	7.285E-09
<i>SLC26A3</i>	cg04996020	1811	7	TSS1500	Open sea	-3.425E-01	1.097E-06
<i>SLC26A4</i>	cg14646244	5172	7	TSS1500	N-Shore	-3.555E-01	3.214E-10
<i>SLC30A8</i>	cg23338195	169026	8	TSS1500	Open sea	-3.507E-01	2.536E-04
<i>SLC35F3</i>	cg25437385	148641	1	1stExon	Island	3.964E-01	1.123E-02

SLC3A1	cg02192965	6519	2	1stExon	Open sea	-3.374E-01	4.406E-05
SLC6A18	cg19421752	348932	5	TSS1500	N-Shore	-3.220E-01	2.434E-07
SLC6A19	cg19421752	340024	5	3'UTR	N-Shore	-3.220E-01	2.434E-07
SLC6A2	cg04490714	6530	16	1stExon/5'UTR	Island	3.548E-01	2.360E-04
SLC6A2	cg10362591	6530	16	TSS1500	Island	3.397E-01	2.009E-02
SLCO1B1	cg00995065	10599	12	TSS1500	Open sea	-3.187E-01	5.297E-08
SLITRK5	cg09083627	26050	13	TSS1500	Island	4.568E-01	5.506E-12
SNAP91	cg21688264	9892	6	Gene body/5'UTR	Island	3.660E-01	2.692E-03
SND1	cg15087147	27044	7	Gene body	Island	3.207E-01	5.275E-04
SORCS3	cg16787600	22986	10	1stExon/5'UTR	Island	4.114E-01	2.294E-04
SOX1	cg06675478	6656	13	TSS200	Island	3.064E-01	1.269E-15
SOX11	cg20008332	6664	2	1stExon	Island	4.188E-01	8.517E-09
SPATA16	cg06577725	83893	3	1stExon/5'UTR	Open sea	-3.119E-01	3.001E-03
SPATA17	cg01727899	128153	1	Gene body	S-Shore	-3.546E-01	3.391E-10
SPATA19	cg18457737	219938	11	Gene body	Open sea	-3.370E-01	2.333E-09
SRBD1	cg02630207	55133	2	TSS1500	S-Shore	-3.049E-01	4.559E-07
SRD5A2	cg19502744	6716	2	1stExon	Island	3.308E-01	1.001E-05
SST	cg02164046	6750	3	1stExon/5'UTR	Island	3.316E-01	1.596E-05
SSTR4	cg17586860	6754	20	TSS200	Island	3.629E-01	3.419E-05
ST6GAL2	cg04434339	84620	2	1stExon/5'UTR	Island	3.158E-01	1.539E-02
STK38	cg02964385	11329	6	TSS1500	S-Shore	-4.034E-01	2.682E-08
SYN3	cg16894211	8224	22	TSS1500/5'UTR	Open sea	-3.466E-01	4.023E-05
SYT9	cg08185661	143425	11	1stExon	Island	3.421E-01	2.724E-02
TCP10L	cg20857253	140290	21	5'UTR	Open sea	-3.434E-01	1.924E-07
TERF2IP	cg08585897	54386	16	TSS1500	N-Shore	-3.063E-01	1.280E-06
TEX15	cg20939319	56154	8	TSS1500	Open sea	-3.047E-01	1.916E-04
TFPI2	cg23141855	7980	7	Gene body	Island	3.293E-01	8.845E-03
TLX3	cg25720804	30012	5	1stExon	Island	3.910E-01	3.677E-06
TM6SF1	cg14696396	53346	15	1stExon	Island	4.029E-01	3.574E-08
TMEM116	cg26789453	89894	12	TSS1500	S-Shore	-3.719E-01	1.148E-11
TMEM132E	cg18338311	124842	17	1stExon/5'UTR	Island	3.257E-01	1.754E-02
TMEM90B	cg16098981	79953	20	5'UTR/1stExon	Island	3.063E-01	3.579E-03
TMPRSS11F	cg02936740	389208	4	TSS1500	Open sea	-3.335E-01	2.431E-05
TNFRSF10A	cg26530341	8797	8	TSS1500	S-Shore	-3.710E-01	3.175E-08
TOX2	cg11319389	84969	20	TSS200/Gene body	Island	3.247E-01	4.090E-04
TPM3	cg12205230	7170	1	TSS1500	Open sea	-3.097E-01	4.575E-07
TPSD1	cg01375871	23430	16	TSS1500	N-Shelf	-3.008E-01	1.242E-04
TRDN	cg14462830	10345	6	TSS1500	Open sea	-3.180E-01	7.783E-07
TREML2	cg19005210	79865	6	TSS200	Open sea	-3.839E-01	4.382E-07
TRH	cg01009664	7200	3	5'UTR/1stExon	Island	4.040E-01	4.487E-10
TRHR	cg22268164	7201	8	1stExon	Open sea	-3.359E-01	2.479E-03
TRHR	cg26989103	7201	8	TSS200	Open sea	-3.682E-01	1.159E-05
TRIM17	cg23540518	51127	1	1stExon/5'UTR	Island	3.030E-01	3.021E-03
TRIM31	cg00679556	11074	6	5'UTR	Open sea	-3.342E-01	7.659E-09
TRIM31	cg15238224	11074	6	TSS1500	Open sea	-3.134E-01	5.492E-12
TRIM40	cg09196959	135644	6	TSS200	Open sea	-3.767E-01	1.678E-15
TRIM58	cg07533148	25893	1	1stExon	Island	4.022E-01	9.417E-10
TRIM63	cg13998293	84676	1	TSS1500	Open sea	-3.026E-01	8.229E-08
TRPM2	cg08191854	7226	21	TSS200	Open sea	-3.824E-01	4.665E-12
TSGA13	cg02332073	114960	7	TSS1500	Open sea	-3.004E-01	9.956E-06
TSPAN32	cg00041575	10077	11	TSS1500	Open sea	-3.862E-01	5.789E-13
TUBB8	cg26675077	347688	10	TSS1500/1stExon/5'UTR	S-Shore	3.217E-01	1.045E-20
TWIST1	cg20052718	7291	7	1stExon	Island	3.559E-01	1.009E-04
TWIST1	cg24446548	7291	7	1stExon/5'UTR	Island	4.862E-01	2.002E-03
UCN	cg04527918	7349	2	TSS200	Island	4.052E-01	1.140E-11
UNC5C	cg13265789	8633	4	TSS1500	Island	3.295E-01	3.502E-03
UTF1	cg03755123	8433	10	TSS1500	Island	3.618E-01	1.623E-06
UTF1	cg09053680	8433	10	1stExon	Island	3.713E-01	3.644E-03
VHL	cg16869108	7428	3	Gene body	S-Shore	-3.007E-01	3.984E-08
VHL	cg24092914	7428	3	Gene body	S-Shore	-4.606E-01	1.064E-08
VIM	cg12874092	7431	10	Gene body	Island	4.075E-01	9.469E-03
VIPR2	cg18349835	7434	7	Gene body	Island	4.125E-01	5.053E-04
VNN1	cg00852964	8876	6	1stExon	Open sea	-3.437E-01	1.883E-07



VNN1	cg02184413	8876	6	TSS200	Open sea	-3.187E-01	5.002E-05
VSTM1	cg12315311	284415	19	TSS1500	Open sea	-3.546E-01	1.129E-13
VSX1	cg06151165	30813	20	Gene body	Island	3.429E-01	2.837E-03
VT1A	cg17872476	143187	10	TSS1500	N-Shore	-3.080E-01	1.418E-07
WBSCR17	cg01366419	64409	7	TSS1500	Island	3.223E-01	5.277E-05
WDR86	cg24068372	349136	7	TSS200	Island	3.229E-01	3.589E-02
WDR88	cg26687173	126248	19	1stExon	Island	3.213E-01	2.895E-15
WIPI2	cg20592700	26100	7	1stExon	Island	-3.386E-01	2.039E-30
WT1	cg01693350	7490	11	Gene body	Island	3.709E-01	7.921E-10
WT1	cg13641903	7490	11	Gene body	Island	3.726E-01	3.941E-15
ZDHHC6	cg17872476	64429	10	5'UTR	N-Shore	-3.080E-01	1.418E-07
ZNF135	cg16638540	7694	19	TSS200	Island	3.588E-01	1.381E-10
ZNF148	cg15705999	7707	3	5'UTR	Island	-3.384E-01	8.801E-24
ZNF154	cg08668790	7710	19	TSS200	S-Shore	3.338E-01	4.393E-03
ZNF154	cg21790626	7710	19	5'UTR/1stExon	Island	4.224E-01	6.607E-05
ZNF22	cg00899659	7570	10	TSS1500	N-Shore	-3.360E-01	6.978E-05
ZNF454	cg03355526	285676	5	5'UTR	Island	3.256E-01	2.716E-07
ZNF454	cg23037403	285676	5	TSS200	Island	3.130E-01	7.497E-08
ZNF540	cg03975694	163255	19	5'UTR/1stExon	S-Shelf	3.173E-01	3.758E-07
ZNF540	cg27389185	163255	19	TSS200	S-Shore	3.045E-01	7.245E-09
ZNF610	cg07703337	162963	19	5'UTR/TSS1500	Open sea	-3.154E-01	4.848E-02
ZNF718	cg15792688	255403	4	Gene body	Island	-3.452E-01	3.965E-18
ZNF781	cg25875213	163115	19	5'UTR/1stExon	Island	3.886E-01	2.619E-03
ZSCAN1	cg21331821	284312	19	TSS1500	Island	3.351E-01	3.496E-04
NA	cg13912117	NA	8	NA	Island	5.344E-01	8.729E-10

(C) Genes showing significant differences of DNA methylation levels between T and C samples in Cluster B2

Gene symbol	Probe ID <sup>1</sup>	National Center for Biotechnology Information (NCBI) Gene ID	Chromosome	Gene region <sup>2</sup>	CpG type <sup>3</sup>	$\Delta\beta_{T-C}$	<i>P</i>
ABCC12	cg14074641	94160	16	TSS1500	Open sea	-4.178E-01	6.229E-43
ABCC2	cg09448875	1244	10	TSS200	Open sea	-3.176E-01	2.496E-20
ABCC9	cg20025970	10060	12	1stExon	Open sea	-3.179E-01	6.173E-25
ACAT1	cg24341800	38	11	TSS200	Island	3.033E-01	2.558E-48
ACAT2	cg15298323	39	6	TSS1500	Island	3.070E-01	5.089E-12
ACTA1	cg13547644	58	1	5'UTR	Island	3.018E-01	3.644E-13
ACTL6B	cg08572611	51412	7	Gene body	Island	3.511E-01	9.873E-12
ADAM12	cg11668923	8038	10	1stExon/5'UTR	Island	3.766E-01	2.620E-19
ADAM19	cg07540118	8728	5	1stExon/5'UTR	Island	3.249E-01	1.417E-12
ADAM23	cg16778809	8745	2	1stExon/5'UTR	Island	3.410E-01	7.803E-10
ADAMTS1	cg00472814	9510	21	1stExon/5'UTR	Island	3.450E-01	2.138E-16
ADAMTS1	cg11189837	9510	21	TSS1500	Island	3.343E-01	2.353E-14
ADAMTS18	cg03238797	170692	16	1stExon/5'UTR	Island	3.878E-01	6.181E-19
ADAMTS2	cg14409941	9509	5	Gene body	Island	3.869E-01	6.612E-18
ADAMTS5	cg08190291	11096	21	TSS200	Island	3.242E-01	5.619E-16
ADCY4	cg16761581	196883	14	1stExon	Island	3.284E-01	3.918E-15
ADD2	cg25631352	119	2	TSS200	S-Shore	3.338E-01	8.856E-19
ADHFE1	cg01988129	137872	8	Gene body	Island	5.454E-01	9.724E-23
ADRB3	cg17619823	155	8	1stExon	Island	3.956E-01	1.584E-23
AEBP1	cg02126753	165	7	1stExon/5'UTR	Open sea	3.479E-01	1.081E-13
AFF3	cg06183267	3899	2	TSS200	Open sea	-3.391E-01	9.516E-14
AGBL4	cg06744574	84871	1	Gene body	N-Shore	3.290E-01	5.184E-11
AIM2	cg10636246	9447	1	TSS1500	Open sea	-4.551E-01	3.119E-21
AJAP1	cg17525406	55966	1	Gene body	Island	5.041E-01	4.273E-26
AJAP1	cg20959866	55966	1	TSS1500	Island	3.358E-01	2.866E-19
AKAP12	cg01555431	9590	6	Gene body	Island	4.217E-01	2.093E-20
ALDH1A2	cg03365437	8854	15	5'UTR/1stExon	Island	3.153E-01	1.810E-16
ALDH1A3	cg21359747	220	15	Gene body	Island	3.751E-01	3.874E-15
ALK	cg18277754	238	2	5'UTR/1stExon	Island	3.251E-01	1.525E-15
ALX4	cg04988423	60529	11	1stExon	Island	3.509E-01	9.522E-14
ALX4	cg26365854	60529	11	Gene body	Island	3.342E-01	1.933E-16
AMICA1	cg07376232	120425	11	Gene body/TSS1500	Open sea	-3.337E-01	2.112E-20
AMPH	cg10293925	273	7	5'UTR	Island	4.735E-01	4.466E-18
ANXA13	cg02800334	312	8	TSS1500	Open sea	-3.315E-01	4.986E-30

AOAH	cg14451276	313	7	1stExon/5'UTR	Open sea	-3.039E-01	1.029E-11
AQP9	cg11098259	366	15	TSS200	Open sea	-3.149E-01	9.363E-22
ARHGAP15	cg27365426	55843	2	TSS1500	Open sea	-3.291E-01	2.735E-16
ASAM	cg19096475	79827	11	TSS1500	Island	3.089E-01	3.459E-18
ATP2B4	cg22226839	493	1	5'UTR/1stExon	N-Shelf	3.106E-01	3.311E-39
ATP8B2	cg08190044	57198	1	5'UTR	Island	3.552E-01	5.740E-11
ATRNL1	cg04335339	26033	10	TSS200	Island	4.014E-01	2.794E-14
B3GALT5	cg11479877	10317	21	1stExon	Open sea	-3.106E-01	1.320E-27
B3GAT1	cg11038843	27087	11	5'UTR	Island	3.054E-01	7.803E-13
BAALC	cg10918202	79870	8	1stExon	Island	4.070E-01	2.382E-21
BATF	cg15645309	10538	14	TSS200	Open sea	-3.033E-01	4.533E-12
BCAN	cg21475402	63827	1	5'UTR	Island	3.149E-01	5.952E-15
BEND5	cg06744574	79656	1	1stExon	N-Shore	3.290E-01	5.184E-11
BLNK	cg16779976	29760	10	1stExon	Open sea	-3.414E-01	3.995E-13
BMP3	cg01049530	651	4	TSS200	Island	3.661E-01	1.483E-13
BNC1	cg10398682	646	15	Gene body	Island	3.072E-01	8.162E-19
BNC1	cg18952647	646	15	TSS1500	Island	4.215E-01	1.250E-20
BNC2	cg14613546	54796	9	Gene body	S-Shore	-3.008E-01	1.064E-26
BOLL	cg17560332	66037	2	TSS1500	Island	3.165E-01	2.790E-24
BPI	cg08254089	671	20	Gene body	Open sea	-3.433E-01	3.463E-24
BPTF	cg16435601	2186	17	1stExon	S-Shore	-3.657E-01	2.188E-18
BTG4	cg22879515	54766	11	TSS1500	Island	3.670E-01	7.990E-13
BTG4	cg23211240	54766	11	TSS1500	Island	3.101E-01	1.603E-14
BVES	cg20624391	11149	6	5'UTR/1stExon	Island	3.032E-01	1.145E-18
C10orf25	cg00899659	220979	10	Gene body	N-Shore	-3.269E-01	2.609E-19
C10orf72	cg02569613	196740	10	Gene body	N-Shore	3.010E-01	1.856E-16
C11orf21	cg00041575	29125	11	Gene body	Open sea	-3.699E-01	1.016E-18
C14orf162	cg14912575	56936	14	TSS1500	Island	3.051E-01	2.438E-20
C14orf93	cg03565081	60686	14	5'UTR	N-Shore	-3.164E-01	3.361E-22
C17orf93	cg12374721	360205	17	TSS1500	N-Shore	4.322E-01	5.743E-20
C18orf20	cg10054857	221241	18	TSS1500	Open sea	-3.130E-01	2.091E-21
C1orf150	cg05767404	148823	1	Gene body	Open sea	-3.357E-01	2.821E-23
C1orf158	cg24338843	93190	1	Gene body	Open sea	-3.419E-01	1.905E-26
C1orf59	cg00328227	113802	1	TSS200/TSS1500	Island	-3.219E-01	6.637E-24
C21orf121	cg18963171	150142	21	Gene body	Open sea	-3.164E-01	4.701E-28
C8orf56	cg10918202	157556	8	1stExon	Island	4.070E-01	2.382E-21
CACNB2	cg01805540	783	10	1stExon	Island	4.490E-01	4.089E-17
CASP8	cg26799474	841	2	5'UTR	Open sea	-3.375E-01	1.432E-19
CBLN4	cg25993718	140689	20	TSS200	Island	3.108E-01	2.713E-16
CCDC106	cg12582959	29903	19	5'UTR/1stExon	N-Shore	3.017E-01	1.241E-15
CCDC141	cg12501949	285025	2	TSS1500	Open sea	-3.251E-01	6.956E-28
CCDC27	cg08670691	148870	1	TSS200	Open sea	-3.049E-01	1.338E-27
CCDC3	cg22750254	83643	10	1stExon	Island	3.034E-01	1.425E-09
CCDC37	cg00891278	348807	3	1stExon/5'UTR	Island	3.564E-01	3.912E-19
CCDC37	cg20312228	348807	3	TSS200	Island	3.250E-01	1.355E-21
CCKAR	cg04353483	886	4	TSS1500	Open sea	-3.101E-01	1.157E-20
CCL14-CCL15	cg23743114	NA	17	Gene body	Open sea	-4.137E-01	8.192E-28
CCL15	cg23743114	6359	17	Gene body	Open sea	-4.137E-01	8.192E-28
CCL7	cg02936263	6354	17	TSS1500	Open sea	-3.134E-01	9.004E-26
CCNA1	cg12571423	8900	13	5'UTR	S-Shore	3.026E-01	3.518E-16
CD1B	cg04574507	910	1	Gene body	Open sea	-3.288E-01	1.508E-21
CD1C	cg07548313	911	1	Gene body	Open sea	-3.054E-01	2.073E-20
CD2	cg16719404	914	1	TSS1500	Open sea	-3.286E-01	3.483E-21
CD209	cg07608333	30835	19	TSS1500	Open sea	-4.102E-01	6.438E-38
CD300E	cg04995095	342510	17	Gene body	Open sea	-3.459E-01	6.778E-27
CD300LB	cg10523494	124599	17	TSS1500	Open sea	-3.160E-01	1.236E-29
CD37	cg10037005	951	19	TSS200	N-Shelf	-3.919E-01	6.795E-24
CD38	cg26043257	952	4	1stExon	Island	3.011E-01	5.215E-11
CD53	cg22325572	963	1	5'UTR	Open sea	-3.781E-01	1.800E-18
CD5L	cg01637734	922	1	Gene body	Open sea	-3.160E-01	1.312E-16
CD8A	cg17108819	925	2	5'UTR/1stExon	Island	3.647E-01	1.289E-14
CDH11	cg10065825	1009	16	TSS1500	Island	3.216E-01	4.939E-13
CDH13	cg00806490	1012	16	Gene body	Island	3.225E-01	1.131E-16

CDH18	cg27043873	1016	5	5'UTR	Open sea	-3.639E-01	4.404E-24
CDH2	cg09313439	1000	18	1stExon/5'UTR	Island	3.031E-01	5.716E-19
CDH8	cg11323198	1006	16	5'UTR	Island	3.183E-01	1.473E-13
CDO1	cg12880658	1036	5	1stExon/5'UTR	Island	3.457E-01	3.128E-19
CEBPG	cg15046693	1054	19	TSS1500	N-Shore	-3.141E-01	1.656E-16
CECR4	cg22815534	100130717	22	Gene body	Open sea	-3.225E-01	4.775E-23
CECR5	cg22815534	27440	22	TSS200	Open sea	-3.225E-01	4.775E-23
CELSR1	cg06268694	9620	22	1stExon	Island	3.748E-01	1.179E-13
CENPP	cg24105685	401541	9	Gene body	Open sea	-3.049E-01	6.748E-18
CHAT	cg11389172	1103	10	5'UTR	Island	3.860E-01	2.751E-14
CHAT	cg14008883	1103	10	5'UTR	Island	3.077E-01	2.107E-20
CHRNA3	cg04603031	1136	15	5'UTR	Island	3.021E-01	1.885E-11
CHRNA6	cg07906724	8973	8	TSS1500	Open sea	-4.031E-01	1.641E-17
CHST2	cg00995327	9435	3	5'UTR/1stExon	Island	3.101E-01	5.042E-09
CLEC2D	cg12810837	29121	12	TSS200	Open sea	-3.964E-01	9.932E-27
CLRN3	cg23817637	119467	10	TSS1500	Open sea	-3.234E-01	1.787E-27
CLSTN2	cg08853659	64084	3	1stExon	Island	3.430E-01	1.080E-10
CMTM2	cg01683883	146225	16	TSS1500	Island	3.051E-01	3.298E-19
CNIH3	cg00290506	149111	1	1stExon/5'UTR	Island	3.563E-01	2.242E-15
CNR1	cg23276695	1268	6	5'UTR	Open sea	-3.847E-01	2.024E-28
CNRIP1	cg07080358	25927	2	1stExon	Island	4.689E-01	9.648E-23
COL15A1	cg19461644	1306	9	Gene body	Island	3.451E-01	7.310E-19
COL23A1	cg10730712	91522	5	TSS1500	S-Shore	3.265E-01	2.242E-12
COL4A1	cg27546237	1282	13	TSS1500	Island	3.624E-01	2.651E-21
COL4A2	cg27546237	1284	13	Gene body	Island	3.624E-01	2.651E-21
COLEC12	cg19461621	81035	18	TSS1500	S-Shore	3.301E-01	2.695E-15
COX7B2	cg25463409	170712	4	5'UTR	Open sea	-3.157E-01	1.043E-28
CPA3	cg24290574	1359	3	1stExon	Open sea	-4.209E-01	3.436E-24
CPA4	cg19690404	51200	7	Gene body	Open sea	-3.185E-01	8.720E-18
CPB2	cg14662172	1361	13	1stExon	Open sea	-3.668E-01	7.756E-23
CPE	cg02886284	1363	4	5'UTR/1stExon	Island	3.152E-01	1.813E-12
CRHR2	cg14896516	1395	7	TSS1500	Island	3.498E-01	1.979E-15
CRISPLD1	cg05624932	83690	8	5'UTR	S-Shore	3.600E-01	3.712E-13
CRMP1	cg03544320	1400	4	1stExon	Island	4.251E-01	1.029E-06
CRTAM	cg10977115	56253	11	Gene body	Open sea	-3.049E-01	6.562E-23
CSMD1	cg22619018	64478	8	TSS1500	Island	4.574E-01	1.234E-18
CSNK1A1L	cg01668383	122011	13	1stExon/5'UTR	Open sea	-3.006E-01	1.449E-29
CST7	cg11804789	8530	20	TSS200	Open sea	-4.290E-01	7.445E-22
CSTL1	cg20171451	128817	20	TSS1500	Open sea	3.427E-01	8.163E-33
CTNNA3	cg00132141	29119	10	TSS1500	Open sea	-3.298E-01	8.830E-27
CUX2	cg09229912	23316	12	1stExon/5'UTR	Island	4.656E-01	1.202E-25
CUX2	cg17190608	23316	12	TSS1500	Island	3.180E-01	8.547E-15
CXCR1	cg13519373	3577	2	5'UTR	Open sea	-3.886E-01	6.930E-25
DBC1	cg25935911	1620	9	TSS1500	S-Shore	3.184E-01	7.079E-20
DCC	cg01839464	1630	18	Gene body	Island	3.175E-01	3.838E-13
DCD	cg25372195	117159	12	TSS200	Open sea	-3.394E-01	8.243E-27
DEFB118	cg20312687	117285	20	Gene body	Open sea	-3.145E-01	2.962E-20
DES	cg18182399	1674	2	1stExon/5'UTR	N-Shore	3.293E-01	9.416E-12
DGKI	cg06277657	9162	7	TSS1500	Island	3.354E-01	9.222E-19
DLK1	cg17412258	8788	14	TSS1500	Island	3.466E-01	3.829E-20
DLX5	cg11997899	1749	7	TSS200	Island	3.020E-01	1.533E-22
DMBX1	cg09914444	127343	1	TSS1500	Open sea	-3.942E-01	5.239E-20
DMKN	cg10133777	93099	19	TSS1500	Open sea	-3.983E-01	6.493E-34
DMRT1	cg03168582	1761	9	1stExon	Island	5.077E-01	4.111E-23
DMRT2	cg00250430	10655	9	5'UTR	N-Shore	3.438E-01	5.203E-20
DMRT3	cg12420104	58524	9	1stExon	Island	3.329E-01	2.457E-14
DNM3	cg23391785	26052	1	Gene body	Island	3.297E-01	1.366E-08
DOK5	cg11822659	55816	20	Gene body	Island	3.211E-01	2.766E-18
DPP6	cg26738880	1804	7	Gene body	Open sea	-3.283E-01	2.353E-23
DPYS	cg10303487	1807	8	1stExon	Island	4.732E-01	3.086E-18
DPYSL4	cg12109455	10570	10	Gene body	Island	3.457E-01	1.101E-20
DPYSL5	cg26195812	56896	2	5'UTR	Island	3.080E-01	1.639E-09
DRD4	cg06825142	1815	11	TSS200	Island	3.666E-01	1.561E-17

DSCR10	cg17233935	259234	21	TSS1500	Open sea	-3.489E-01	3.870E-29
DTX1	cg11939071	1840	12	TSS1500	Island	3.163E-01	1.819E-12
DUSP2	cg01148741	1844	2	TSS1500	Island	-3.590E-01	3.069E-22
DYNLRB2	cg00720137	83657	16	Gene body	Island	3.090E-01	1.532E-08
ECEL1	cg25431974	9427	2	TSS1500	Island	3.855E-01	2.063E-36
ECM2	cg24105685	1842	9	TSS1500	Open sea	-3.049E-01	6.748E-18
EDIL3	cg16773899	10085	5	5'UTR/1stExon	Island	3.171E-01	3.719E-15
EDNRB	cg23316360	1910	13	5'UTR/1stExon	Island	4.598E-01	1.364E-29
EFCAB1	cg22836229	79645	8	5'UTR	Island	3.470E-01	3.265E-16
EFHA2	cg26831415	286097	8	Gene body	Island	3.118E-01	5.516E-16
EIF4E1B	cg05028467	253314	5	TSS1500	Island	3.054E-01	1.541E-11
EIF4E3	cg13562542	317649	3	5'UTR/1stExon	Island	3.902E-01	3.008E-13
ELMO1	cg08453021	9844	7	TSS200	Island	3.696E-01	2.451E-17
ELMO1	cg19118812	9844	7	5'UTR/1stExon	Island	4.449E-01	4.898E-17
ELOVL2	cg13562911	54898	6	Gene body	Island	4.804E-01	6.854E-22
ELOVL4	cg13297865	6785	6	TSS200	Island	3.825E-01	9.919E-17
EPB41L3	cg00027083	23136	18	5'UTR	Island	3.886E-01	1.071E-09
EPDR1	cg27641018	54749	7	TSS1500	N-Shore	-3.436E-01	2.271E-20
EPHA5	cg18420965	2044	4	Gene body	N-Shore	3.262E-01	1.275E-15
EPHA7	cg08001895	2045	6	TSS1500	Island	3.058E-01	4.641E-13
EPO	cg08575537	2056	7	Gene body	Island	4.421E-01	2.146E-15
ERBB4	cg07015629	2066	2	1stExon	Island	3.470E-01	1.388E-13
ERBB4	cg20637307	2066	2	TSS1500	S-Shore	3.858E-01	5.147E-12
ERC2	cg04759439	26059	3	TSS1500	Island	3.527E-01	1.363E-16
ERP29	cg26789453	10961	12	Gene body/TSS1500	S-Shore	-3.956E-01	8.581E-17
ESR1	cg20253551	2099	6	Gene body	Island	3.150E-01	8.589E-13
EYA4	cg01805282	2070	6	5'UTR	Island	3.629E-01	3.771E-23
EYA4	cg20286200	2070	6	TSS1500	Island	3.416E-01	7.775E-17
EYA4	cg20330472	2070	6	TSS1500	N-Shore	3.130E-01	1.233E-12
EYA4	cg24176563	2070	6	5'UTR/1stExon	Island	3.499E-01	1.308E-20
EYA4	cg26656135	2070	6	5'UTR/1stExon	Island	3.508E-01	9.282E-18
FADS2	cg07005513	9415	11	1stExon	Island	3.407E-01	6.964E-18
FAM123A	cg22029275	219287	13	1stExon	Island	4.190E-01	4.190E-19
FAM150A	cg17162024	389658	8	TSS1500	Island	4.114E-01	7.401E-19
FAM19A4	cg13921352	151647	3	TSS200	Island	3.597E-01	1.156E-15
FAM20A	cg01697732	54757	17	TSS1500	Island	3.932E-01	1.781E-11
FAM20A	cg13591701	54757	17	5'UTR/1stExon	Island	3.608E-01	7.512E-15
FBN1	cg18671950	2200	15	Gene body	Island	3.620E-01	2.454E-19
FBN2	cg25084878	2201	5	1stExon/5'UTR	Island	4.672E-01	1.512E-30
FBXO39	cg20723355	162517	17	5'UTR	Island	3.705E-01	6.236E-15
FCAR	cg05252264	2204	19	1stExon	Open sea	-3.214E-01	1.691E-20
FCRL3	cg08786003	115352	1	TSS200	Open sea	-3.642E-01	4.414E-22
FCRL3	cg25259754	115352	1	Gene body	Open sea	-3.471E-01	1.273E-20
FERD3L	cg25691167	222894	7	1stExon	Island	3.394E-01	2.762E-12
FGF2	cg25583174	2247	4	1stExon	Island	3.317E-01	1.026E-10
FGF3	cg15337897	2248	11	TSS1500	Island	3.451E-01	3.767E-14
FLI1	cg17872757	2313	11	Gene body/5'UTR	Island	4.055E-01	9.136E-14
FLRT2	cg17410236	23768	14	1stExon/5'UTR	Island	4.145E-01	3.159E-25
FLT3	cg07017374	2322	13	Gene body	Island	4.789E-01	2.257E-18
FLT4	cg00489401	2324	5	Gene body	Island	3.789E-01	4.176E-14
FOXD3	cg22815110	27022	1	1stExon	Island	3.571E-01	9.550E-18
FOXE1	cg15802898	2304	9	TSS1500	N-Shore	3.310E-01	3.114E-17
FOXE1	cg19292008	2304	9	5'UTR/1stExon	Island	3.324E-01	8.556E-17
FOXG1	cg10300684	2290	14	1stExon/5'UTR	N-Shore	3.086E-01	7.185E-13
FOXI2	cg13929328	399823	10	1stExon	Island	3.157E-01	2.089E-16
FOXI2	cg19884262	399823	10	1stExon	Island	3.558E-01	6.971E-23
FZD10	cg23054883	11211	12	1stExon	Island	3.526E-01	6.477E-20
FZD2	cg25228126	2535	17	1stExon	Island	3.324E-01	1.539E-25
GABBR2	cg02058918	9568	9	1stExon	Island	3.467E-01	5.616E-13
GAL3ST3	cg21238818	89792	11	5'UTR/1stExon	Island	3.682E-01	4.229E-28
GALR1	cg00662556	2587	18	Gene body	Island	3.008E-01	4.871E-18
GALR1	cg04534765	2587	18	1stExon/5'UTR	Island	4.432E-01	7.060E-11
GALR1	cg10486998	2587	18	TSS1500	Island	3.493E-01	2.909E-19

<i>GALR1</i>	cg15343119	2587	18	TSS1500	Island	3.062E-01	8.094E-14
<i>GALR1</i>	cg26721264	2587	18	TSS1500	Island	4.458E-01	1.467E-23
<i>GBGT1</i>	cg01169778	26301	9	5'UTR	Island	4.023E-01	3.466E-37
<i>GBX2</i>	cg06954481	2637	2	1stExon	Island	3.161E-01	4.334E-09
<i>GCM2</i>	cg02844545	9247	6	1stExon/5'UTR	Island	3.313E-01	4.658E-21
<i>GDNF</i>	cg07442479	2668	5	1stExon/5'UTR	Island	3.854E-01	3.565E-21
<i>GDPD3</i>	cg13543096	79153	16	TSS1500	Open sea	3.326E-01	6.833E-18
<i>GFPT2</i>	cg21937886	9945	5	Gene body	Island	3.664E-01	1.214E-12
<i>GFRA1</i>	cg23898073	2674	10	1stExon/5'UTR	Island	3.138E-01	3.259E-12
<i>GK2</i>	cg17738194	2712	4	TSS200	Open sea	-3.460E-01	1.444E-27
<i>GLB1L3</i>	cg19674669	112937	11	Gene body	Island	3.150E-01	1.908E-16
<i>GLRB</i>	cg09688546	2743	4	1stExon/TSS200	Island	3.159E-01	1.261E-13
<i>GNA15</i>	cg26482939	2769	19	Gene body	Open sea	-3.666E-01	5.441E-24
<i>GNG4</i>	cg09649610	2786	1	TSS1500/1stExon	Island	3.289E-01	1.228E-17
<i>GPATCH2</i>	cg01727899	55105	1	TSS1500	S-Shore	-3.703E-01	1.106E-31
<i>GPR25</i>	cg21870884	2848	1	1stExon	Island	3.054E-01	1.730E-16
<i>GPR26</i>	cg02757432	2849	10	1stExon	Island	3.545E-01	2.200E-22
<i>GPR27</i>	cg13562542	2850	3	1stExon	Island	3.902E-01	3.008E-13
<i>GPR55</i>	cg20287234	9290	2	5'UTR	Open sea	-3.205E-01	5.660E-20
<i>GPR75</i>	cg14832904	10936	2	5'UTR	Island	3.586E-01	1.505E-17
<i>GPR75</i>	cg19664945	10936	2	TSS1500	S-Shore	3.617E-01	2.447E-11
<i>GPX7</i>	cg16557944	2882	1	1stExon	Island	3.670E-01	4.594E-12
<i>GRAP2</i>	cg03840259	9402	22	TSS200	Open sea	-3.040E-01	1.398E-12
<i>GRASP</i>	cg04034767	160622	12	1stExon	Island	4.238E-01	9.232E-15
<i>GREB1</i>	cg10612997	9687	2	TSS1500	Open sea	-3.172E-01	1.402E-24
<i>GREB1</i>	cg10849854	9687	2	5'UTR	Open sea	-3.338E-01	2.983E-20
<i>GRIA2</i>	cg25148589	2891	4	1stExon/5'UTR	N-Shore	3.143E-01	3.639E-21
<i>GRIA4</i>	cg09980522	2893	11	Gene body	S-Shore	3.913E-01	2.108E-31
<i>GRIK2</i>	cg26316946	2898	6	1stExon	Island	3.342E-01	4.622E-22
<i>GRIK3</i>	cg06722633	2899	1	Gene body	Island	3.688E-01	1.675E-21
<i>GRIN3A</i>	cg18794577	116443	9	TSS200	Island	3.533E-01	1.903E-13
<i>GRM6</i>	cg14859460	2916	5	TSS200	Island	3.357E-01	1.209E-14
<i>GRM8</i>	cg09868882	2918	7	TSS200/5'UTR	Open sea	-3.256E-01	6.951E-23
<i>GSC2</i>	cg26599006	2928	22	Gene body	Island	3.254E-01	1.739E-12
<i>GSX1</i>	cg26609631	219409	13	5'UTR/1stExon	Island	3.392E-01	7.539E-07
<i>GUCY1A2</i>	cg23984434	2977	11	1stExon	Island	3.825E-01	6.741E-15
<i>GUCY2C</i>	cg18754342	2984	12	1stExon	Open sea	-3.785E-01	1.078E-23
<i>GZMH</i>	cg02150910	2999	14	TSS1500	Open sea	-3.314E-01	1.528E-25
<i>HAND2</i>	cg01580681	9464	4	1stExon	N-Shore	3.238E-01	4.880E-19
<i>HAVCR2</i>	cg17484237	84868	5	5'UTR/1stExon	Open sea	-3.505E-01	1.612E-22
<i>HBB</i>	cg14544583	3043	11	TSS1500	Open sea	-3.561E-01	6.196E-30
<i>HBE1</i>	cg08970694	3046	11	Gene body	Open sea	-3.523E-01	1.051E-30
<i>HBQ1</i>	cg07703401	3049	16	1stExon/5'UTR	Island	3.344E-01	2.356E-13
<i>HHIP</i>	cg13749822	64399	4	TSS1500	Island	3.004E-01	1.980E-16
<i>HHIP</i>	cg14580567	64399	4	1stExon/5'UTR	Island	3.415E-01	1.564E-15
<i>HHIPL1</i>	cg06834875	84439	14	TSS1500	Island	-3.093E-01	5.994E-17
<i>HIF3A</i>	cg07022477	64344	19	TSS1500	N-Shore	-3.692E-01	2.582E-27
<i>HIST1H2BO</i>	cg12629515	8348	6	TSS1500	N-Shore	-3.940E-01	4.708E-26
<i>HIST1H3J</i>	cg12629515	8356	6	TSS1500	N-Shore	-3.940E-01	4.708E-26
<i>HKR1</i>	cg12024906	284459	19	1stExon/5'UTR	Island	3.479E-01	5.020E-14
<i>HOXA9</i>	cg01381846	3205	7	1stExon	Island	3.498E-01	3.584E-13
<i>HOXA9</i>	cg26521404	3205	7	1stExon	Island	4.587E-01	1.365E-12
<i>HOXA9</i>	cg27009703	3205	7	1stExon	Island	3.025E-01	3.480E-10
<i>HOXB4</i>	cg08089301	3214	17	1stExon	Island	4.095E-01	1.322E-14
<i>HOXB4</i>	cg14458834	3214	17	1stExon	Island	3.724E-01	1.237E-11
<i>HOXB4</i>	cg21546671	3214	17	1stExon	Island	3.641E-01	8.620E-13
<i>HOXD1</i>	cg19001226	3231	2	1stExon/5'UTR	Island	3.575E-01	6.231E-13
<i>HOXD10</i>	cg21591742	3236	2	TSS1500	Island	3.052E-01	4.101E-14
<i>HOXD12</i>	cg23130254	3238	2	1stExon	Island	3.245E-01	1.023E-18
<i>HOXD8</i>	cg15520279	3234	2	5'UTR/1stExon	Island	3.703E-01	1.334E-16
<i>HOXD9</i>	cg14991487	3235	2	TSS200	Island	4.253E-01	9.238E-22
<i>HS3ST2</i>	cg19064258	9956	16	1stExon	Island	3.367E-01	8.948E-19
<i>HS3ST3A1</i>	cg07480567	9955	17	1stExon/5'UTR	Island	3.519E-01	7.527E-17

<i>HSPA2</i>	cg27120999	3306	14	1stExon	Island	3.428E-01	2.905E-30
<i>IAPP</i>	cg15583072	3375	12	TSS200	Open sea	-3.043E-01	1.835E-23
<i>IDO2</i>	cg16957569	169355	8	TSS1500	Open sea	-3.026E-01	8.310E-30
<i>IGF2</i>	cg13791131	3481	11	Gene body	Island	4.016E-01	4.236E-20
<i>IGF2</i>	cg25163476	3481	11	5'UTR	Island	3.132E-01	5.186E-18
<i>IGF2</i>	cg25574024	3481	11	Gene body	Island	4.374E-01	5.525E-21
<i>IGF2AS</i>	cg13791131	51214	11	Gene body	Island	4.016E-01	4.236E-20
<i>IGF2AS</i>	cg25163476	51214	11	Gene body	Island	3.132E-01	5.186E-18
<i>IGF2AS</i>	cg25574024	51214	11	Gene body	Island	4.374E-01	5.525E-21
<i>IGFBP3</i>	cg15898840	3486	7	1stExon/5'UTR	Island	3.026E-01	3.225E-07
<i>IGSF21</i>	cg23349790	84966	1	5'UTR/1stExon	Island	5.041E-01	1.132E-12
<i>IL1B</i>	cg07935264	3553	2	TSS200	Open sea	-4.207E-01	3.490E-19
<i>IL25</i>	cg14366598	64806	14	TSS1500	Open sea	-3.321E-01	2.027E-19
<i>IL2RA</i>	cg26105232	3559	10	TSS1500	Open sea	-3.221E-01	5.977E-27
<i>INS-IGF2</i>	cg13791131	723961	11	Gene body	Island	4.016E-01	4.236E-20
<i>INS-IGF2</i>	cg25163476	723961	11	Gene body	Island	3.132E-01	5.186E-18
<i>INS-IGF2</i>	cg25574024	723961	11	Gene body	Island	4.374E-01	5.525E-21
<i>IPO5</i>	cg01679262	3843	13	5'UTR	Open sea	-3.904E-01	5.217E-29
<i>IRX4</i>	cg00243313	50805	5	TSS1500	Island	3.249E-01	2.458E-16
<i>IRX4</i>	cg03963198	50805	5	5'UTR/1stExon	Island	4.360E-01	4.134E-20
<i>ITGA4</i>	cg20415809	3676	2	5'UTR/1stExon	Island	3.420E-01	9.650E-15
<i>ITGA8</i>	cg16902509	8516	10	Gene body	N-Shore	3.079E-01	1.362E-21
<i>ITGA9</i>	cg25870420	3680	3	1stExon	Island	3.463E-01	4.440E-15
<i>IVL</i>	cg25082710	3713	1	TSS1500	Open sea	-3.806E-01	5.243E-21
<i>KARS</i>	cg08585897	3735	16	5'UTR	N-Shore	-3.179E-01	8.545E-29
<i>KCNA6</i>	cg26162582	3742	12	5'UTR/1stExon	Island	3.742E-01	1.636E-18
<i>KCNB1</i>	cg24507762	3745	20	TSS1500	N-Shore	3.124E-01	4.403E-18
<i>KCNG1</i>	cg24924779	3755	20	TSS1500	Island	3.490E-01	3.499E-12
<i>KCNK9</i>	cg17834752	51305	8	5'UTR/1stExon	Island	3.106E-01	1.289E-16
<i>KCNQ1DN</i>	cg01530101	55539	11	TSS200	Island	3.172E-01	1.798E-09
<i>KCNQ3</i>	cg27016990	3786	8	1stExon	Island	4.374E-01	2.039E-16
<i>KCNQ5</i>	cg24687051	56479	6	1stExon	Island	4.584E-01	5.513E-17
<i>KCNV1</i>	cg04237663	27012	8	TSS200	N-Shore	3.128E-01	4.826E-17
<i>KCNV1</i>	cg05860890	27012	8	5'UTR/1stExon	Island	3.088E-01	6.557E-20
<i>KCTD1</i>	cg26755793	284252	18	TSS1500	Open sea	-3.001E-01	1.473E-27
<i>KCTD8</i>	cg12300353	386617	4	1stExon	Island	3.545E-01	8.412E-17
<i>KHDRBS2</i>	cg18239753	202559	6	1stExon/5'UTR	Island	3.355E-01	3.193E-20
<i>KRT1</i>	cg17405586	3848	12	TSS200	Open sea	-3.802E-01	1.335E-27
<i>KRT85</i>	cg21518208	3891	12	TSS200	S-Shore	-3.308E-01	8.270E-28
<i>KRTAP11-1</i>	cg22643217	337880	21	TSS200	Open sea	-3.406E-01	3.265E-20
<i>KRTAP26-1</i>	cg18822544	388818	21	5'UTR/1stExon	Open sea	-3.160E-01	9.181E-23
<i>KRTAP4-4</i>	cg15312323	84616	17	TSS1500	Open sea	-3.025E-01	2.291E-40
<i>KRTDAP</i>	cg10305797	388533	19	TSS1500	Open sea	-3.464E-01	9.987E-22
<i>LACRT</i>	cg07643942	90070	12	TSS1500	Open sea	-4.286E-01	7.239E-31
<i>LAMA1</i>	cg07846220	284217	18	1stExon	Island	4.733E-01	7.475E-15
<i>LAT2</i>	cg03375002	7462	7	TSS1500	Open sea	-3.625E-01	2.831E-24
<i>LEP</i>	cg19594666	3952	7	TSS200	Island	3.277E-01	1.166E-12
<i>LHX1</i>	cg22660578	3975	17	TSS1500	Island	3.510E-01	6.949E-14
<i>LIN7A</i>	cg05647859	8825	12	TSS200	S-Shore	3.301E-01	2.885E-11
<i>LMX1B</i>	cg18453621	4010	9	Gene body	Island	3.045E-01	3.055E-11
<i>LOC100271831</i>	cg13543096	NA	16	TSS200	Open sea	3.326E-01	6.833E-18
<i>LOC100302652</i>	cg14832904	NA	2	1stExon	Island	3.586E-01	1.505E-17
<i>LOC100302652</i>	cg19664945	NA	2	TSS200	S-Shore	3.617E-01	2.447E-11
<i>LOC284805</i>	cg26331247	NA	20	Gene body	Open sea	-3.353E-01	1.237E-24
<i>LOC285780</i>	cg17774418	NA	6	Gene body	Open sea	-3.205E-01	4.631E-20
<i>LOC286002</i>	cg14646244	NA	7	Gene body	N-Shore	-3.649E-01	4.293E-18
<i>LPAR3</i>	cg06501070	23566	1	5'UTR	Open sea	-3.175E-01	5.203E-22
<i>LRRC4</i>	cg15087147	64101	7	TSS1500	Island	3.029E-01	1.642E-12
<i>LRTOMT</i>	cg23256971	220074	11	5'UTR	S-Shore	3.525E-01	4.653E-46
<i>LVRN</i>	cg25044651	206338	5	1stExon	Island	3.399E-01	8.823E-20
<i>LY86</i>	cg17774418	9450	6	Gene body	Open sea	-3.205E-01	4.631E-20
<i>MAFB</i>	cg02497758	9935	20	1stExon	Island	3.776E-01	1.057E-18
<i>MCHR2</i>	cg20134215	84539	6	5'UTR	Island	3.028E-01	5.854E-17

<i>MGAT5B</i>	cg00654814	146664	17	1stExon/5'UTR	Island	3.384E-01	1.508E-16
<i>MGMT</i>	cg07638938	4255	10	Gene body	Open sea	3.902E-01	5.714E-40
<i>MIR34B</i>	cg22879515	407041	11	TSS200	Island	3.670E-01	7.990E-13
<i>MIR34B</i>	cg23211240	407041	11	TSS200	Island	3.101E-01	1.603E-14
<i>MIR34C</i>	cg22879515	407042	11	TSS200	Island	3.670E-01	7.990E-13
<i>MIR34C</i>	cg23211240	407042	11	TSS200	Island	3.101E-01	1.603E-14
<i>MLNR</i>	cg02620013	2862	13	1stExon	Island	3.054E-01	9.353E-16
<i>MMP26</i>	cg12493906	56547	11	TSS200	Open sea	-3.010E-01	1.620E-17
<i>MMRN1</i>	cg21092324	22915	4	1stExon	Open sea	-3.663E-01	2.234E-18
<i>MN1</i>	cg27269921	4330	22	5'UTR/1stExon	Island	3.700E-01	6.783E-15
<i>MRGPRX1</i>	cg23001457	259249	11	1stExon	Open sea	-3.476E-01	5.616E-28
<i>MSC</i>	cg23710218	9242	8	1stExon/5'UTR	Island	3.611E-01	8.265E-26
<i>MSX1</i>	cg09748975	4487	4	Gene body	Island	3.617E-01	3.126E-09
<i>MTNR1B</i>	cg15842276	4544	11	TSS200	N-Shore	3.009E-01	3.843E-19
<i>MYBPH</i>	cg18959422	4608	1	TSS1500	Open sea	-3.218E-01	6.663E-22
<i>MYCBP</i>	cg12792157	26292	1	5'UTR/1stExon	Island	-4.232E-01	1.286E-22
<i>MYCT1</i>	cg02830467	80177	6	TSS1500	Open sea	-3.348E-01	8.921E-26
<i>MYEOV</i>	cg24776407	26579	11	5'UTR/1stExon	Open sea	-3.460E-01	8.179E-20
<i>MYO3A</i>	cg08441170	53904	10	1stExon/5'UTR	Island	4.102E-01	3.258E-13
<i>MYO3A</i>	cg23771603	53904	10	5'UTR	Island	4.503E-01	1.318E-17
<i>NALCN</i>	cg15202954	259232	13	TSS200	Island	3.946E-01	2.547E-19
<i>NAT8L</i>	cg21269934	339983	4	TSS1500	Island	3.209E-01	4.199E-18
<i>NAV1</i>	cg25167447	89796	1	TSS1500	Island	3.105E-01	7.652E-14
<i>NCAN</i>	cg06952310	1463	19	Gene body	Open sea	-3.086E-01	3.065E-22
<i>NCAPH</i>	cg01906055	23397	2	TSS1500	N-Shore	-3.628E-01	1.739E-31
<i>NEFM</i>	cg23290344	4741	8	TSS1500/1stExon	Island	3.864E-01	1.474E-10
<i>NETO1</i>	cg26186727	81832	18	1stExon/5'UTR	Island	3.067E-01	8.057E-13
<i>NEUROG1</i>	cg04330449	4762	5	1stExon	Island	3.983E-01	1.680E-13
<i>NEUROG1</i>	cg04897683	4762	5	5'UTR/1stExon	Island	3.326E-01	1.797E-16
<i>NEUROG1</i>	cg11248413	4762	5	TSS200	Island	3.022E-01	1.593E-11
<i>NHLH2</i>	cg22422729	4808	1	TSS1500	S-Shelf	-3.444E-01	1.933E-16
<i>NID2</i>	cg01231779	22795	14	5'UTR/1stExon	Island	3.566E-01	4.071E-14
<i>NID2</i>	cg22881914	22795	14	TSS1500	Island	4.200E-01	7.205E-19
<i>NIPSNAP1</i>	cg13797031	8508	22	TSS1500	S-Shore	-3.567E-01	1.259E-20
<i>NKAIN2</i>	cg21787291	154215	6	5'UTR/1stExon	Island	3.609E-01	3.074E-13
<i>NKX6-2</i>	cg08441806	84504	10	1stExon	Island	3.350E-01	1.972E-11
<i>NLGN2</i>	cg15660077	57555	17	1stExon	N-Shore	3.788E-01	1.805E-37
<i>NOS1</i>	cg03538436	4842	12	5'UTR/1stExon	Island	3.399E-01	2.126E-15
<i>NPR2</i>	cg12876594	4882	9	TSS1500	Island	3.898E-01	1.493E-15
<i>NPR2</i>	cg24194775	4882	9	TSS1500	N-Shore	4.529E-01	1.809E-13
<i>NPTX2</i>	cg00548268	4885	7	TSS1500	Island	3.363E-01	1.877E-23
<i>NPY5R</i>	cg18438777	4889	4	5'UTR	Island	3.759E-01	1.363E-17
<i>NRG1</i>	cg17457560	3084	8	1stExon/5'UTR	Island	4.051E-01	6.334E-19
<i>NTM</i>	cg20881910	50863	11	TSS1500	Island	3.818E-01	1.548E-21
<i>NTRK3</i>	cg14384532	4916	15	TSS1500	Island	3.155E-01	1.647E-18
<i>NUDT15</i>	cg11473104	55270	13	TSS200	N-Shore	3.415E-01	2.012E-46
<i>OPRK1</i>	cg25990647	4986	8	5'UTR/1stExon	Island	3.735E-01	7.439E-17
<i>OR10J1</i>	cg15700197	26476	1	TSS1500	Open sea	-3.518E-01	1.741E-15
<i>OR12D3</i>	cg20856834	81797	6	1stExon	Open sea	-3.108E-01	1.161E-18
<i>OR51B4</i>	cg06353345	79339	11	1stExon	Open sea	-3.896E-01	3.854E-33
<i>OSTN</i>	cg03192737	344901	3	Gene body	Open sea	-3.351E-01	6.768E-29
<i>PAX3</i>	cg25596297	5077	2	Gene body	N-Shore	3.082E-01	3.662E-14
<i>PAX7</i>	cg07536847	5081	1	TSS1500	Island	3.379E-01	8.412E-15
<i>PAX7</i>	cg11428724	5081	1	5'UTR/1stExon	Island	4.166E-01	7.079E-18
<i>PCDHA7</i>	cg12629325	56141	5	Gene body	Island	4.304E-01	1.459E-16
<i>PCDHAC1</i>	cg12629325	56135	5	1stExon	Island	4.304E-01	1.459E-16
<i>PCSK6</i>	cg20249919	5046	15	1stExon	Island	3.390E-01	5.442E-09
<i>PDE10A</i>	cg24133115	10846	6	5'UTR/1stExon	Island	3.416E-01	3.247E-13
<i>PDE4B</i>	cg26963271	5142	1	5'UTR	S-Shore	3.291E-01	2.166E-16
<i>PHACTR3</i>	cg20357628	116154	20	5'UTR/1stExon	Island	3.861E-01	4.794E-15
<i>PHF21B</i>	cg01775414	112885	22	1stExon/Gene body	Island	3.363E-01	2.100E-13
<i>PIPOX</i>	cg06144905	51268	17	TSS200	Open sea	-3.313E-01	1.246E-16
<i>PKDREJ</i>	cg11377136	10343	22	1stExon	Island	4.882E-01	7.168E-16

<i>PKP2</i>	cg03302287	5318	12	1stExon	Island	-3.218E-01	3.249E-43
<i>PLA2G7</i>	cg18630040	7941	6	1stExon/5'UTR	Island	3.865E-01	8.349E-14
<i>PLCL1</i>	cg02833180	5334	2	Gene body	Open sea	-3.053E-01	4.873E-19
<i>PLD5</i>	cg01664666	200150	1	5'UTR	Island	3.268E-01	6.318E-16
<i>PLEKHF1</i>	cg05512099	79156	19	TSS1500	N-Shore	-4.156E-01	4.261E-31
<i>PNMAL1</i>	cg17296166	55228	19	5'UTR	Island	3.558E-01	4.050E-14
<i>POU3F3</i>	cg20291049	5455	2	1stExon	Island	3.527E-01	9.375E-17
<i>POU4F1</i>	cg08097882	5457	13	5'UTR/1stExon	Island	3.287E-01	7.788E-13
<i>POU4F2</i>	cg24199834	5458	4	1stExon/5'UTR	Island	3.498E-01	3.075E-18
<i>PRAC</i>	cg12374721	84366	17	Gene body	N-Shore	4.322E-01	5.743E-20
<i>PRB1</i>	cg27345534	5542	12	TSS1500	Open sea	-3.158E-01	1.433E-29
<i>PRDM14</i>	cg01295203	63978	8	TSS1500	Island	3.360E-01	2.766E-15
<i>PRG2</i>	cg15357945	5553	11	TSS1500	Open sea	-3.127E-01	1.787E-26
<i>PRICKLE1</i>	cg16041660	144165	12	5'UTR/1stExon	Island	3.068E-01	2.606E-10
<i>PRKAR1B</i>	cg13577076	5575	7	5'UTR	S-Shore	4.021E-01	3.470E-20
<i>PRKCB</i>	cg05436658	5579	16	1stExon	Island	3.015E-01	1.681E-12
<i>PSMB9</i>	cg03465320	5698	6	Gene body	S-Shore	-3.089E-01	1.695E-12
<i>PSME2</i>	cg05874478	5721	14	1stExon	N-Shore	-3.348E-01	2.611E-31
<i>PTF1A</i>	cg11438428	256297	10	1stExon	Island	3.568E-01	3.440E-18
<i>PTGDR</i>	cg09516965	5729	14	1stExon/5'UTR	Island	4.339E-01	1.207E-15
<i>PTH2R</i>	cg25057743	5746	2	TSS200	Island	3.611E-01	5.470E-26
<i>PTP4A3</i>	cg18675600	11156	8	5'UTR/1stExon	S-Shelf	-3.286E-01	1.651E-18
<i>PTPRM</i>	cg01946574	5797	18	Gene body	Island	3.523E-01	1.263E-18
<i>PTPRO</i>	cg09126273	5800	12	Gene body	Island	3.037E-01	1.717E-11
<i>PTPRO</i>	cg10646402	5800	12	1stExon/5'UTR	Island	3.149E-01	2.574E-12
<i>PTPRO</i>	cg11843304	5800	12	Gene body	Open sea	-3.169E-01	1.460E-20
<i>PTPRR</i>	cg23694248	5801	12	1stExon/5'UTR	Open sea	3.115E-01	5.532E-14
<i>PTPRT</i>	cg13168820	11122	20	1stExon	Island	3.747E-01	2.247E-17
<i>PXDN</i>	cg12164282	7837	2	1stExon	Island	4.689E-01	6.510E-17
<i>PXDN</i>	cg14037665	7837	2	TSS1500	Island	3.637E-01	3.699E-21
<i>PYCARD</i>	cg12100791	29108	16	TSS200	S-Shore	-3.116E-01	1.236E-11
<i>QRFPR</i>	cg00015770	84109	4	1stExon/5'UTR	Island	3.304E-01	1.493E-21
<i>RASGRF2</i>	cg09952204	5924	5	1stExon	Island	3.433E-01	7.705E-18
<i>RELN</i>	cg17923358	5649	7	1stExon	Island	3.479E-01	1.330E-20
<i>RGS6</i>	cg03188118	9628	14	5'UTR/1stExon	S-Shore	3.589E-01	6.930E-25
<i>RIC3</i>	cg08383315	79608	11	1stExon/5'UTR	Island	3.214E-01	1.971E-18
<i>RIMBP2</i>	cg24272907	23504	12	TSS1500	Open sea	-3.616E-01	2.896E-31
<i>RNF207</i>	cg00030047	388591	1	Gene body	N-Shore	3.741E-01	6.582E-24
<i>RNF217</i>	cg24298280	154214	6	5'UTR	Open sea	-3.460E-01	1.121E-19
<i>RNF31</i>	cg05874478	55072	14	TSS1500	N-Shore	-3.348E-01	2.611E-31
<i>RPL36</i>	cg25136310	25873	19	1stExon/Gene body	Island	-3.224E-01	1.846E-28
<i>RSPO2</i>	cg14070647	340419	8	5'UTR	Island	3.082E-01	9.292E-17
<i>RUNDC3B</i>	cg15414833	154661	7	1stExon/5'UTR	Island	3.053E-01	1.830E-07
<i>RUNX1</i>	cg04915566	861	21	5'UTR/1stExon	Open sea	-3.074E-01	1.429E-12
<i>RUNX3</i>	cg03171924	864	1	Gene body	Island	3.632E-01	3.721E-21
<i>RYR2</i>	cg11657808	6262	1	Gene body	Island	5.027E-01	4.003E-29
<i>S100A8</i>	cg20070090	6279	1	5'UTR	Open sea	-3.345E-01	5.935E-24
<i>SALL1</i>	cg22674717	6299	16	TSS1500	Island	3.482E-01	2.257E-23
<i>SALL3</i>	cg15191648	27164	18	TSS200	Island	3.612E-01	4.041E-14
<i>SCARF2</i>	cg14785479	91179	22	TSS1500	Island	3.663E-01	4.553E-18
<i>SCNN1B</i>	cg23113963	6338	16	TSS1500	Island	3.697E-01	1.715E-16
<i>SDHD</i>	cg14839898	6392	11	TSS1500	N-Shore	-3.106E-01	2.218E-22
<i>SEC31B</i>	cg20831708	25956	10	5'UTR	Island	3.413E-01	2.240E-11
<i>SEPT14</i>	cg08489623	346288	7	Gene body	Open sea	-3.291E-01	3.123E-24
<i>SERPINB10</i>	cg23696618	5273	18	Gene body	Open sea	-3.305E-01	9.428E-23
<i>SFRP1</i>	cg13398291	6422	8	1stExon	Island	3.914E-01	3.053E-21
<i>SFRP1</i>	cg15839448	6422	8	1stExon	Island	3.915E-01	7.525E-20
<i>SFRP1</i>	cg22418909	6422	8	1stExon/5'UTR	Island	4.230E-01	3.211E-17
<i>SFRP4</i>	cg08261094	6424	7	5'UTR/1stExon	Island	3.170E-01	7.714E-13
<i>SH3GL3</i>	cg22946150	6457	15	Gene body/1stExon	Island	3.847E-01	1.965E-13
<i>SHD</i>	cg26646370	56961	19	5'UTR/1stExon	Island	3.692E-01	1.320E-11
<i>SIRPB1</i>	cg09577651	10326	20	TSS200	Open sea	-3.180E-01	1.110E-18
<i>SIX6</i>	cg19456540	4990	14	1stExon	Island	3.875E-01	2.580E-15



SLAMF7	cg07837085	57823	1	TSS200	Open sea	-3.287E-01	1.085E-15
SLC12A5	cg22752533	57468	20	1stExon/5'UTR	Island	3.442E-01	7.656E-12
SLC13A5	cg22040627	284111	17	TSS1500	Island	3.064E-01	1.448E-17
SLC16A12	cg09186006	387700	10	1stExon/5'UTR	Island	3.876E-01	7.310E-17
SLC16A12	cg12005098	387700	10	TSS200	Island	3.867E-01	2.309E-17
SLC17A2	cg05948654	10246	6	1stExon/5'UTR	Open sea	-3.275E-01	1.435E-29
SLC18A3	cg11389172	6572	10	TSS200	Island	3.860E-01	2.751E-14
SLC18A3	cg14008883	6572	10	1stExon	Island	3.077E-01	2.107E-20
SLC22A12	cg07220939	116085	11	1stExon/5'UTR	Open sea	-4.035E-01	1.581E-20
SLC22A18	cg03336167	5002	11	Gene body	Island	4.728E-01	3.485E-22
SLC26A3	cg04996020	1811	7	TSS1500	Open sea	-3.778E-01	4.340E-28
SLC26A4	cg14646244	5172	7	TSS1500	N-Shore	-3.649E-01	4.293E-18
SLC30A8	cg23338195	169026	8	TSS1500	Open sea	-3.712E-01	2.220E-24
SLC35F3	cg25437385	148641	1	1stExon	Island	4.330E-01	3.470E-19
SLC3A1	cg02192965	6519	2	1stExon	Open sea	-3.460E-01	1.544E-19
SLC5A7	cg16232126	60482	2	1stExon/5'UTR	Island	3.158E-01	4.637E-12
SLC6A18	cg19421752	348932	5	TSS1500	N-Shore	-3.514E-01	1.561E-25
SLC6A19	cg19421752	340024	5	3'UTR	N-Shore	-3.514E-01	1.561E-25
SLC6A2	cg04490714	6530	16	1stExon/5'UTR	Island	3.754E-01	5.736E-22
SLC6A2	cg10362591	6530	16	TSS1500	Island	3.673E-01	5.092E-13
SLC7A2	cg02786378	6542	8	Gene body	Open sea	-3.007E-01	6.581E-27
SLCO1A2	cg15583072	6579	12	5'UTR	Open sea	-3.043E-01	1.835E-23
SLCO1B1	cg00995065	10599	12	TSS1500	Open sea	-3.486E-01	5.680E-26
SLIT3	cg11732619	6586	5	5'UTR/1stExon	Island	3.539E-01	2.334E-14
SLITRK5	cg09083627	26050	13	TSS1500	Island	4.401E-01	1.990E-19
SNAP91	cg21688264	9892	6	Gene body/5'UTR	Island	4.350E-01	5.897E-23
SNCB	cg05028467	6620	5	5'UTR	Island	3.054E-01	1.541E-11
SND1	cg15087147	27044	7	Gene body	Island	3.029E-01	1.642E-12
SNX32	cg19018097	254122	11	TSS200	Island	3.224E-01	9.091E-15
SORCS3	cg16787600	22986	10	1stExon/5'UTR	Island	4.490E-01	4.243E-23
SOX1	cg06675478	6656	13	TSS200	Island	3.198E-01	1.975E-26
SOX11	cg08432727	6664	2	TSS1500	N-Shore	3.142E-01	8.441E-18
SOX11	cg20008332	6664	2	1stExon	Island	4.334E-01	5.979E-30
SPAG6	cg06908778	9576	10	Gene body	Island	3.502E-01	3.574E-21
SPATA16	cg06577725	83893	3	1stExon/5'UTR	Open sea	-3.185E-01	2.175E-18
SPATA17	cg01727899	128153	1	Gene body	S-Shore	-3.703E-01	1.106E-31
SPATA19	cg18457737	219938	11	Gene body	Open sea	-3.329E-01	3.529E-25
SPDYA	cg04786857	245711	2	5'UTR	Island	3.289E-01	9.646E-16
SPG20	cg18755783	23111	13	5'UTR	Island	3.294E-01	5.366E-14
SPOCK1	cg12832649	6695	5	5'UTR	Island	3.782E-01	1.919E-15
SPON1	cg02994974	10418	11	1stExon	Island	3.408E-01	5.966E-16
SPRR2A	cg18766755	6700	1	5'UTR	Open sea	-3.060E-01	5.533E-24
SPRR2D	cg14826683	6703	1	TSS1500	Open sea	-3.118E-01	2.628E-21
SPSB4	cg22036988	92369	3	TSS1500	Island	3.381E-01	3.272E-12
SRD5A2	cg19502744	6716	2	1stExon	Island	3.138E-01	3.094E-17
SST	cg02164046	6750	3	1stExon/5'UTR	Island	3.296E-01	1.443E-14
SSTR4	cg17586860	6754	20	TSS200	Island	3.830E-01	1.189E-20
ST6GAL2	cg04434339	84620	2	1stExon	Island	3.613E-01	3.451E-20
STK38	cg02964385	11329	6	TSS1500	S-Shore	-3.578E-01	1.596E-12
SYN3	cg16894211	8224	22	TSS1500	Open sea	-3.489E-01	2.414E-23
SYT9	cg08185661	143425	11	1stExon	Island	3.971E-01	6.214E-19
T	cg17188046	6862	6	TSS200	Island	3.160E-01	3.491E-15
TAP1	cg03465320	6890	6	Gene body	S-Shore	-3.089E-01	1.695E-12
TCERG1L	cg03943081	256536	10	TSS1500	Island	3.170E-01	1.774E-19
TCP10L	cg20857253	140290	21	5'UTR	Open sea	-3.460E-01	1.211E-26
TERF2IP	cg08585897	54386	16	TSS1500	N-Shore	-3.179E-01	8.545E-29
TEX15	cg20939319	56154	8	TSS1500	Open sea	-3.239E-01	7.583E-24
TFPI2	cg14377593	7980	7	TSS200	Island	3.531E-01	4.697E-16
TFPI2	cg23141855	7980	7	Gene body	Island	3.248E-01	2.367E-16
TFPI2	cg23686014	7980	7	1stExon	Island	3.237E-01	1.403E-14
THRSF	cg16505204	7069	11	TSS1500	Open sea	-3.263E-01	1.415E-30
TIMM8B	cg14839898	26521	11	Gene body	N-Shore	-3.106E-01	2.218E-22
TLX3	cg25720804	30012	5	1stExon	Island	4.256E-01	1.777E-16

<i>TM6SF1</i>	cg14696396	53346	15	1stExon	Island	3.842E-01	1.027E-13
<i>TMEFF2</i>	cg06856528	23671	2	5'UTR/1stExon	Island	3.217E-01	1.063E-17
<i>TMEM116</i>	cg26789453	89894	12	TSS1500	S-Shore	-3.956E-01	8.581E-17
<i>TMEM132E</i>	cg18338311	124842	17	1stExon/5'UTR	Island	3.864E-01	1.609E-17
<i>TMEM179</i>	cg03734874	388021	14	TSS1500	Island	3.396E-01	1.418E-16
<i>TMEM74</i>	cg15042080	157753	8	1stExon/5'UTR	Island	3.182E-01	1.161E-09
<i>TMEM90B</i>	cg16098981	79953	20	5'UTR/1stExon	Island	3.224E-01	5.643E-16
<i>TMPRSS11F</i>	cg02936740	389208	4	TSS1500	Open sea	-3.364E-01	1.353E-27
<i>TMPRSS3</i>	cg25608949	64699	21	TSS200	Open sea	-3.118E-01	5.645E-19
<i>TNF</i>	cg11484872	7124	6	TSS200	Open sea	-3.027E-01	7.435E-20
<i>TNFRSF10A</i>	cg26530341	8797	8	TSS1500	S-Shore	-4.320E-01	6.482E-32
<i>TPM3</i>	cg12205230	7170	1	TSS1500	Open sea	-3.102E-01	2.011E-25
<i>TPSD1</i>	cg01375871	23430	16	TSS1500	N-Shelf	-3.085E-01	1.418E-23
<i>TRAM1L1</i>	cg05807991	133022	4	TSS200	Island	3.841E-01	5.800E-15
<i>TRDN</i>	cg14462830	10345	6	TSS1500	Open sea	-3.400E-01	2.667E-28
<i>TREML2</i>	cg19005210	79865	6	TSS200	Open sea	-3.574E-01	5.031E-27
<i>TRH</i>	cg01009664	7200	3	5'UTR/1stExon	Island	4.041E-01	2.960E-19
<i>TRHR</i>	cg22268164	7201	8	1stExon	Open sea	-3.358E-01	1.143E-15
<i>TRHR</i>	cg26989103	7201	8	TSS200	Open sea	-3.693E-01	2.180E-24
<i>TRIM17</i>	cg23540518	51127	1	1stExon/5'UTR	Island	3.028E-01	8.522E-22
<i>TRIM31</i>	cg00679556	11074	6	5'UTR	Open sea	-3.494E-01	5.799E-16
<i>TRIM31</i>	cg15238224	11074	6	TSS1500	Open sea	-3.326E-01	8.180E-17
<i>TRIM40</i>	cg09196959	135644	6	TSS200	Open sea	-3.621E-01	2.263E-22
<i>TRIM58</i>	cg07533148	25893	1	1stExon	Island	3.988E-01	2.178E-10
<i>TRIM63</i>	cg13998293	84676	1	TSS1500	Open sea	-3.142E-01	1.874E-28
<i>TRPA1</i>	cg01610488	8989	8	TSS200	Island	4.126E-01	6.905E-19
<i>TRPM2</i>	cg08191854	7226	21	TSS200	Open sea	-3.694E-01	3.196E-18
<i>TSPAN32</i>	cg00041575	10077	11	TSS1500	Open sea	-3.699E-01	1.016E-18
<i>TUBB8</i>	cg26675077	347688	10	TSS1500/1stExon	S-Shore	3.034E-01	4.952E-27
<i>TWIST1</i>	cg20052718	7291	7	1stExon	Island	3.706E-01	6.480E-24
<i>TWIST1</i>	cg20498685	7291	7	3'UTR	Island	3.087E-01	1.275E-12
<i>TWIST1</i>	cg24446548	7291	7	1stExon/5'UTR	Island	4.732E-01	2.139E-17
<i>UCN</i>	cg04527918	7349	2	TSS200	Island	3.642E-01	3.487E-24
<i>UNC5C</i>	cg13265789	8633	4	TSS1500	Island	3.340E-01	1.074E-15
<i>UNC80</i>	cg14419187	285175	2	Gene body	S-Shore	3.224E-01	9.637E-13
<i>UTF1</i>	cg03755123	8433	10	TSS1500	Island	3.734E-01	1.193E-24
<i>UTF1</i>	cg09053680	8433	10	1stExon	Island	4.130E-01	3.265E-10
<i>VHL</i>	cg16869108	7428	3	Gene body	S-Shore	-3.321E-01	5.570E-23
<i>VHL</i>	cg24092914	7428	3	Gene body	S-Shore	-4.137E-01	1.210E-29
<i>VIM</i>	cg12874092	7431	10	Gene body	Island	3.795E-01	1.410E-13
<i>VIPR2</i>	cg18349835	7434	7	Gene body	Island	4.633E-01	1.917E-27
<i>VSTM1</i>	cg12315311	284415	19	TSS1500	Open sea	-3.433E-01	4.828E-25
<i>VSX1</i>	cg06151165	30813	20	Gene body	Island	3.528E-01	2.579E-16
<i>VT11A</i>	cg17872476	143187	10	TSS1500	N-Shore	-3.342E-01	1.187E-32
<i>WBSCR17</i>	cg01366419	64409	7	TSS1500	Island	3.558E-01	6.722E-19
<i>WDR8</i>	cg26128092	49856	1	TSS1500	Island	3.034E-01	1.248E-17
<i>WDR86</i>	cg24068372	349136	7	TSS200	Island	3.383E-01	1.617E-13
<i>WDR88</i>	cg26687173	126248	19	1stExon	Island	3.283E-01	2.781E-18
<i>WFDC6</i>	cg12547930	140870	20	TSS1500	Open sea	-3.022E-01	1.380E-12
<i>WIF1</i>	cg19427610	11197	12	5'UTR/1stExon	Island	3.071E-01	2.416E-13
<i>WIPI2</i>	cg20592700	26100	7	1stExon	Island	-3.414E-01	1.747E-29
<i>WNT2</i>	cg01830294	7472	7	TSS200	Island	3.172E-01	3.427E-16
<i>WT1</i>	cg01693350	7490	11	Gene body	Island	3.445E-01	1.475E-11
<i>WT1</i>	cg13641903	7490	11	Gene body	Island	3.826E-01	6.844E-20
<i>ZDHHC6</i>	cg17872476	64429	10	5'UTR	N-Shore	-3.342E-01	1.187E-32
<i>ZFP82</i>	cg25886284	284406	19	5'UTR/1stExon	Island	3.594E-01	1.413E-15
<i>ZNF135</i>	cg16638540	7694	19	TSS200	Island	3.790E-01	1.252E-19
<i>ZNF148</i>	cg15705999	7707	3	5'UTR	Island	-3.380E-01	6.262E-21
<i>ZNF154</i>	cg08668790	7710	19	TSS200	S-Shore	3.696E-01	8.465E-20
<i>ZNF154</i>	cg21790626	7710	19	5'UTR/1stExon	Island	4.611E-01	1.711E-23
<i>ZNF22</i>	cg00899659	7570	10	TSS1500	N-Shore	-3.269E-01	2.609E-19
<i>ZNF331</i>	cg15205507	55422	19	1stExon/5'UTR	Island	3.180E-01	4.211E-15
<i>ZNF385D</i>	cg18267381	79750	3	1stExon/5'UTR	Open sea	3.003E-01	8.824E-16

ZNF415	cg10332700	55786	19	5'UTR/1stExon	Island	3.673E-01	1.142E-15
ZNF454	cg03355526	285676	5	5'UTR	Island	3.549E-01	8.995E-18
ZNF454	cg23037403	285676	5	TSS200	Island	3.234E-01	3.132E-18
ZNF540	cg03975694	163255	19	5'UTR/1stExon	S-Shelf	3.270E-01	3.554E-17
ZNF540	cg27389185	163255	19	TSS200	S-Shore	3.076E-01	1.726E-25
ZNF542	cg26309134	147947	19	TSS200/Gene body	Island	4.279E-01	2.256E-21
ZNF610	cg07703337	162963	19	5'UTR/TSS1500	Open sea	-3.019E-01	4.727E-21
ZNF619	cg21942438	285267	3	TSS1500	N-Shore	-3.068E-01	1.017E-21
ZNF625	cg17892556	90589	19	1stExon/5'UTR	Island	4.006E-01	1.134E-13
ZNF660	cg22598028	285349	3	5'UTR/1stExon	Island	3.461E-01	1.568E-15
ZNF671	cg19246110	79891	19	1stExon/5'UTR	Island	4.092E-01	1.620E-18
ZNF677	cg16708981	342926	19	TSS1500	S-Shore	3.020E-01	1.277E-16
ZNF677	cg18335068	342926	19	5'UTR	Island	3.302E-01	8.458E-20
ZNF781	cg25875213	163115	19	5'UTR/1stExon	Island	3.681E-01	1.916E-18
ZNF804B	cg27319898	219578	7	1stExon/5'UTR	Island	3.011E-01	3.280E-13
ZSCAN1	cg21331821	284312	19	TSS1500	Island	3.551E-01	3.123E-16
ZSCAN18	cg06243556	65982	19	Gene body/5'UTR	Island	3.249E-01	1.956E-13
NA	cg13912117	NA	8	NA	Island	5.300E-01	5.229E-31
NA	cg02255732	NA	11	NA	Open sea	-3.056E-01	1.068E-24
NA	cg25538571	NA	8	NA	Open sea	-3.015E-01	5.398E-18

<sup>1</sup>Probe IDs for the Infinium HumanMethylation27 BeadChip (Illumina). <sup>2</sup>TSS1500, from transcription start site (TSS) to 1500 bp upstream of it; TSS200, from TSS to 200 bp upstream of TSS; UTR, untranslated region; Gene body, second exon and downstream on the RefSeq database (<http://www.ncbi.nlm.nih.gov/refseq/>). <sup>3</sup>N-Shelf, 2000 bp region 5' adjacent to N-Shore; N-Shore, 2000 bp region 5' adjacent to CpG island; S-Shore, 2000 bp region 3' adjacent to CpG island; S-Shelf, 2000 bp region 3' adjacent to S-Shore based on the UCSC Genome Browser (<https://genome.ucsc.edu/>). NA, not applicable (designed in the intergenic regions).

**Supplementary Table 5.** Correlations between epigenomic clustering based on DNA methylation profiles at the precancerous stage and clinicopathological parameters of the 66 established gastric carcinomas for which whole-exome analysis had been performed

Clinicopathological parameters	Cluster A (n=12)	Cluster B1 (n=12)	Cluster B2 (n=42)	<i>P</i> <sup>4</sup>
<b>Patients</b>				
Age (years)				
65 or older	7	4	26	0.251
Younger than 65	5	8	16	
Gender				
Male	10	10	29	0.551
Female	2	2	13	
<i>Helicobacter pylori</i> infection				
Negative	6	5	15	0.819
Positive	6	7	25	
Unknown	0	0	2	
<b>Gastric carcinomas</b>				
Predominant histological classification <sup>1</sup>				
Differentiated (pap, tub1 and tub2)	10	2	22	<u>0.003</u>
Undifferentiated (sig, por1 and por2)	1	9	19	
Mucin producing	1	1	1	
Most aggressive histological classification <sup>2</sup>				
Differentiated (pap, tub1 and tub2)	6	1	9	0.056
Undifferentiated (sig, por1 and por2)	6	11	33	
Mucin producing	0	0	0	
pT category <sup>3</sup>				
pT1-pT2	4	0	6	0.071
pT3-pT4	8	12	36	
Pathological tumor node metastasis stage <sup>3</sup>				
I A- I B	4	0	5	0.187
II A- II B	1	3	6	
III A-IV	7	9	31	

pap, papillary adenocarcinoma; tub1, tubular adenocarcinoma (well differentiated type); tub2, tubular adenocarcinoma (moderately differentiated type); por1, poorly differentiated adenocarcinoma (solid type); por2, poorly differentiated adenocarcinoma (non-solid type); sig, signet ring cell carcinoma; muc, mucinous adenocarcinoma.

<sup>1</sup>If the tumor showed heterogeneity, findings in the predominant area were described. <sup>2</sup>If the tumor showed heterogeneity, the most aggressive features of the tumor were described. <sup>3</sup>Based on The Union for International Cancer Control classification (Ref. 20). <sup>4</sup>*P* values of less than 0.05 have been underlined (Fisher's exact test).

**Supplementary Table 6.** The numbers of genes showing genomic aberrations (single-nucleotide variants [SNVs] and insertions/deletions [indels]) in each of the epigenomic clusters

	Cluster A (n=12)		Cluster B1 (n=12)		Cluster B2 (n=42)		<i>P</i> <sup>2</sup>
	Number of all detected mutations	Number of mutations per case [median (IQR)]	Number of all detected mutations	Number of mutations per case [median (IQR)]	Number of all detected mutations	Number of mutations per case [median (IQR)]	
SNVs	15007	446.0 (347.3, 615.3)	7678	356.0 (108.3, 872.8)	22690	379.0 (207.5, 562.3)	0.659
Non-synonymous SNV	3790	120.0 (72.0, 187.8)	2176	99.5 (29.5, 229.8)	6300	98.5 (63.8, 161.8)	0.742
Synonymous SNVs	1670	45.0 (32.3, 80.8)	901	33.5 (9.8, 94.8)	2504	40.5 (25.8, 60.0)	0.600
Other SNVs <sup>1</sup>	9547	257.0 (205.8, 427.0)	4601	227.5 (69.0, 548.3)	13886	237.0 (126.3, 376.8)	0.705
Indels	2451	26.0 (21.0, 37.0)	1479	19.0 (11.3, 24.0)	2907	22.5 (15.8, 31.3)	0.141
Frameshift indels	645	5.5 (3.3, 7.0)	485	3.0 (1.0, 5.8)	852	4.0 (2.8, 6.5)	0.200
Non frameshift indels	74	1.5 (1.0, 5.0)	47	0.5 (0.0, 2.8)	101	1.5 (0.0, 3.0)	0.423
Other indels <sup>1</sup>	1732	19.0 (14.0, 25.8)	947	13.5 (11.0, 20.3)	1954	16.5 (12.8, 22.0)	0.265

IQR: inter quartile range. <sup>1</sup>Detected in introns or non-coding regions. <sup>2</sup>Kruskal-Wallis test.

**Supplementary Table 7.** Recurrently mutated genes showing single-nucleotide variants (SNVs) or insertions/deletions (indels), where protein function was disrupted due to at least one genetic aberration (SNVs or indels), in gastric adenocarcinomas belonging to Clusters A, B1 and B2

(A) Genes showing genetic aberrations (SNVs or indels) in more than 15% of (2 or more) cancers belonging to Cluster A (n=12)

Gene symbol	Chromosome	National Center for Biotechnology Information (NCBI) Gene ID	Number of patients showing genetic aberrations	Number of genetic aberrations		Predicted protein function		
						SNVs <sup>1</sup>		Indels
				SNVs	Indels	SIFT	Polyphen	SIFT
<i>TP53</i>	17	7157	8	8	1	0.000	1.000	damaging
<i>TTN</i>	2	7273	8	28	3	0.000	1.000	damaging
<i>LRP1B</i>	2	53353	7	22	2	0.000	0.999	NA
<i>FSIP2</i>	2	401024	6	5	1	0.070	NA	damaging
<i>OBSCN</i>	1	84033	6	12	2	0.010	1.000	damaging
<i>PAX1</i>	20	5075	5	5	0	0.000	0.999	-
<i>RYR2</i>	1	6262	5	16	2	0.000	1.000	NA
<i>CACNA1C</i>	12	775	5	9	0	0.000	1.000	-
<i>CHL1</i>	3	10752	5	5	0	0.000	1.000	-
<i>DCC</i>	18	1630	5	9	0	0.000	1.000	-
<i>NRG1</i>	8	3084	5	5	1	NA	NA	damaging
<i>ABCC4</i>	13	10257	4	5	1	0.000	0.983	NA
<i>PAPPA2</i>	1	60676	4	4	1	0.030	1.000	NA
<i>UNC5D</i>	8	137970	4	4	0	0.000	0.999	-
<i>ZFX4</i>	8	79776	4	5	0	0.010	0.995	-
<i>FLG</i>	1	2312	4	6	0	0.000	0.974	-
<i>NALCN</i>	13	259232	4	6	0	0.000	0.969	-
<i>ABCA13</i>	7	154664	4	4	1	0.040	0.748	damaging
<i>PTCHD2</i>	1	57540	4	7	0	0.000	0.998	-
<i>ADAM12</i>	10	8038	4	5	0	0.020	0.983	-
<i>AGAP3</i>	7	116988	4	4	0	0.000	0.997	-
<i>APC</i>	5	324	4	2	2	NA	NA	damaging
<i>ARID1A</i>	1	8289	4	2	2	1.000	NA	damaging
<i>CDH9</i>	5	1007	4	3	1	NA	0.581	damaging
<i>COL12A1</i>	6	1303	4	9	1	0.000	1.000	NA
<i>COL22A1</i>	8	169044	4	7	1	NA	0.013	damaging
<i>EGFR</i>	7	1956	4	7	0	0.000	0.980	-
<i>KCNQ3</i>	8	3786	4	6	1	0.040	0.068	damaging
<i>LILRB2</i>	19	10288	4	4	0	0.000	0.976	-
<i>LOXHD1</i>	18	125336	4	4	0	0.020	0.875	-
<i>LRRK2</i>	12	120892	4	4	1	NA	NA	damaging
<i>MYO15A</i>	17	51168	4	4	2	0.140	0.815	damaging
<i>NIPBL</i>	5	25836	4	5	2	0.040	0.970	damaging
<i>PCDH15</i>	10	65217	4	6	0	0.000	0.998	-
<i>PCLO</i>	7	27445	4	6	0	0.000	0.999	-
<i>POSTN</i>	13	10631	4	4	2	NA	NA	damaging
<i>PTF1A</i>	10	256297	4	4	0	0.000	1.000	-
<i>SDK1</i>	7	221935	4	11	0	0.000	1.000	-
<i>SFI1</i>	22	9814	4	6	0	0.000	1.000	-
<i>SULF2</i>	20	55959	4	4	0	0.000	0.999	-
<i>UNC13A</i>	19	23025	4	5	0	0.010	0.999	-
<i>UTRN</i>	6	7402	4	6	3	0.490	0.018	damaging
<i>ACSS2</i>	20	55902	3	2	1	0.000	0.999	NA
<i>ADCYAP1R1</i>	7	117	3	4	1	0.000	1.000	NA
<i>ANKRD26</i>	10	22852	3	7	0	0.010	0.997	-
<i>ATP2B2</i>	3	491	3	3	1	0.000	0.998	damaging
<i>ATP4A</i>	19	495	3	5	0	0.010	0.915	-
<i>ATRNL1</i>	10	26033	3	4	1	0.010	0.970	NA
<i>CAPN12</i>	19	147968	3	3	0	0.010	0.854	-
<i>CNTN1</i>	12	1272	3	3	0	0.000	1.000	-
<i>COL11A1</i>	1	1301	3	8	1	0.000	1.000	NA
<i>CSMD2</i>	1	114784	3	10	2	0.030	1.000	damaging
<i>CSMD3</i>	8	114788	3	9	0	0.000	1.000	-
<i>DMXL2</i>	15	23312	3	3	1	0.010	0.999	NA
<i>DNAH7</i>	2	56171	3	4	1	0.010	0.995	damaging
<i>DNAH8</i>	6	1769	3	4	2	0.000	1.000	damaging
<i>ETV1</i>	7	2115	3	3	0	0.030	0.999	-
<i>FAT3</i>	11	120114	3	7	0	0.000	0.881	-
<i>FRAS1</i>	4	80144	3	5	0	0.000	0.999	-
<i>KCNB2</i>	8	9312	3	4	1	0.000	0.993	damaging
<i>LAMC1</i>	1	3915	3	5	0	0.000	0.999	-
<i>LAMC3</i>	9	10319	3	3	1	0.040	0.999	damaging

<i>LDLR</i>	19	3949	3	4	0	0.000	0.998	-
<i>LRP12</i>	8	29967	3	1	2	0.000	0.990	damaging
<i>LRRN3</i>	7	54674	3	3	0	0.000	0.999	-
<i>MUC5B</i>	11	727897	3	5	1	0.000	0.987	damaging
<i>NDST4</i>	4	64579	3	3	1	0.000	0.995	NA
<i>NEB</i>	2	4703	3	8	2	0.000	0.999	NA
<i>NOS3</i>	7	4846	3	3	0	0.000	1.000	-
<i>PCDHA2</i>	5	56146	3	4	1	0.000	0.999	damaging
<i>POU4F2</i>	4	5458	3	2	1	0.000	0.999	damaging
<i>PPP2R3A</i>	3	5523	3	2	1	0.000	0.997	NA
<i>SETBP1</i>	18	26040	3	4	0	0.030	0.933	-
<i>SI</i>	3	6476	3	3	1	0.000	1.000	NA
<i>TSPEAR</i>	21	54084	3	4	1	0.030	0.990	NA
<i>UNC13C</i>	15	440279	3	7	2	0.000	0.999	NA
<i>UNC79</i>	14	57578	3	4	0	0.030	0.994	-
<i>APOBEC3H</i>	22	164668	3	7	1	0.020	0.750	damaging
<i>CADM2</i>	3	253559	3	3	0	0.040	0.987	-
<i>EFCAB6</i>	22	64800	3	6	0	0.000	1.000	-
<i>FLI1</i>	11	2313	3	3	0	0.000	0.958	-
<i>ABCB5</i>	7	340273	3	4	0	0.000	0.959	-
<i>ACTN2</i>	1	88	3	3	0	0.000	0.992	-
<i>ADAM33</i>	20	80332	3	7	1	0.000	0.995	NA
<i>ALDH1L1</i>	3	10840	3	2	1	NA	NA	damaging
<i>ANK2</i>	4	287	3	2	2	NA	NA	damaging
<i>ANKRD30B</i>	18	374860	3	2	2	0.350	0.060	damaging
<i>ATG2B</i>	14	55102	3	2	1	NA	NA	damaging
<i>BCL6B</i>	17	255877	3	3	0	0.000	0.986	-
<i>BRPF3</i>	6	27154	3	5	1	0.000	0.999	NA
<i>CACNA2D4</i>	12	93589	3	6	0	0.030	0.999	-
<i>CEMIP</i>	15	57214	3	5	0	0.030	0.996	-
<i>COL18A1</i>	21	80781	3	5	3	0.250	0.462	damaging
<i>COPG1</i>	3	22820	3	4	0	0.000	0.993	-
<i>CTCF</i>	16	10664	3	3	1	0.000	0.998	damaging
<i>CTNNA3</i>	10	29119	3	2	1	0.000	0.954	NA
<i>DBN1</i>	5	1627	3	4	0	0.010	0.992	-
<i>DHX16</i>	6	8449	3	2	1	0.000	0.883	damaging
<i>DNAH1</i>	3	25981	3	6	2	0.010	0.978	NA
<i>DNAH10</i>	12	196385	3	7	0	0.000	0.995	-
<i>DOCK10</i>	2	55619	3	5	3	0.060	0.530	damaging
<i>DOCK9</i>	13	23348	3	3	0	0.000	0.994	-
<i>EHD4</i>	15	30844	3	3	0	0.000	0.999	-
<i>EP400</i>	12	57634	3	7	0	0.000	0.998	-
<i>EPHA5</i>	4	2044	3	5	0	0.010	0.954	-
<i>ERBB2</i>	17	2064	3	4	0	0.000	1.000	-
<i>ERBB3</i>	12	2065	3	3	0	0.000	1.000	-
<i>FNDC1</i>	6	84624	3	6	0	0.010	1.000	-
<i>FREM1</i>	9	158326	3	4	1	0.000	0.866	damaging
<i>FRY</i>	13	10129	3	5	0	0.000	0.995	-
<i>FSTL4</i>	5	23105	3	3	0	0.000	0.936	-
<i>HEATR5B</i>	2	54497	3	4	0	0.000	1.000	-
<i>HTT</i>	4	3064	3	7	1	0.000	0.995	NA
<i>IGF2BP3</i>	7	10643	3	5	0	0.010	0.998	-
<i>IGSF9B</i>	11	22997	3	4	1	0.000	0.998	damaging
<i>KIAA1429</i>	8	25962	3	3	0	0.010	0.873	-
<i>LARP1</i>	5	23367	3	4	1	NA	NA	damaging
<i>LPIN3</i>	20	64900	3	1	2	NA	NA	damaging
<i>LRRC7</i>	1	57554	3	3	0	0.000	0.885	-
<i>MICALL2</i>	7	79778	3	3	0	0.000	0.965	-
<i>MUC16</i>	19	94025	3	9	0	0.000	0.961	-
<i>MUC6</i>	11	4588	3	3	1	0.160	0.031	damaging
<i>MYH6</i>	14	4624	3	3	0	0.000	1.000	-
<i>NCAN</i>	19	1463	3	3	0	0.000	0.998	-
<i>NCOR2</i>	12	9612	3	5	0	0.010	0.997	-
<i>NELFCD</i>	20	51497	3	3	0	0.020	0.972	-
<i>NOTCH3</i>	19	4854	3	3	0	0.010	0.998	-
<i>PCM1</i>	8	5108	3	5	1	0.480	0.016	damaging
<i>PCNT</i>	21	5116	3	3	0	0.010	0.982	-
<i>PCSK5</i>	9	5125	3	3	1	0.100	0.988	damaging
<i>PGAP1</i>	2	80055	3	2	1	NA	NA	damaging
<i>PLCB4</i>	20	5332	3	4	0	0.000	1.000	-
<i>PLCE1</i>	10	51196	3	2	1	0.000	0.999	NA
<i>PLEC</i>	8	5339	3	8	0	0.000	0.998	-

PLXND1	3	23129	3	2	2	NA	NA	damaging
PTCH1	9	5727	3	6	0	0.010	0.999	-
PTPRZ1	7	5803	3	3	0	0.000	0.999	-
RIMS1	6	22999	3	8	0	0.000	1.000	-
SENP7	3	57337	3	5	1	0.000	1.000	damaging
SNAPC4	9	6621	3	6	0	0.010	0.992	-
SVEP1	9	79987	3	7	1	0.000	0.999	damaging
TG	8	7038	3	4	1	1.000	0.000	damaging
TRAK2	2	66008	3	2	1	0.010	0.996	damaging
UBR2	6	23304	3	2	1	NA	NA	damaging
UBR5	8	51366	3	8	2	0.040	0.990	NA
VWA8	13	23078	3	6	0	0.030	0.926	-
WDR49	3	151790	3	3	1	NA	NA	damaging
ZFHX3	16	463	3	5	1	0.300	0.758	damaging
ZFP64	20	55734	3	5	1	0.010	NA	damaging
ZIC4	3	84107	3	3	0	0.010	0.998	-
ABLIM1	10	3983	2	4	0	0.000	1.000	-
ACACB	12	32	2	4	1	0.000	1.000	NA
ACP1	2	52	2	2	0	0.000	0.969	-
ADCK5	8	203054	2	3	0	0.000	1.000	-
AJAP1	1	55966	2	2	0	0.000	0.977	-
ANGPT2	8	285	2	2	0	0.000	1.000	-
AP4B1	1	10717	2	1	1	0.000	0.994	NA
APC2	19	10297	2	4	0	0.000	0.995	-
ARHGEF10	8	9639	2	3	1	0.000	1.000	neutral
ARHGEF40	14	55701	2	5	0	0.000	0.987	-
B4GALNT1	12	2583	2	1	1	0.010	0.987	NA
BCAR1	16	9564	2	3	0	0.000	0.999	-
BTBD16	10	118663	2	2	0	0.000	0.917	-
C9orf172	9	389813	2	2	0	0.000	0.967	-
CACNA2D1	7	781	2	6	0	0.000	0.998	-
CCDC88A	2	55704	2	1	2	0.020	0.861	NA
CCR9	3	10803	2	3	0	0.010	0.967	-
CCT4	2	10575	2	1	2	0.000	0.906	NA
CD276	15	80381	2	2	0	0.000	0.997	-
CDC42BPG	11	55561	2	2	0	0.000	0.998	-
CDK12	17	51755	2	3	0	0.020	0.998	-
CDK5RAP2	9	55755	2	4	1	0.020	0.999	damaging
CELA3B	1	23436	2	3	0	0.000	0.926	-
CFAP61	20	26074	2	4	0	0.000	0.949	-
CHD3	17	1107	2	1	1	0.000	0.998	NA
CHMP2A	19	27243	2	1	1	0.000	0.989	NA
CMTM5	14	116173	2	2	0	0.000	0.998	-
CTNNA1	5	1495	2	2	0	0.000	0.859	-
CYTH1	17	9267	2	3	0	0.000	1.000	-
DCTN2	12	10540	2	2	0	0.030	1.000	-
DHTKD1	10	55526	2	2	0	0.000	1.000	-
DNAJC13	3	23317	2	4	0	0.000	0.894	-
DOCK6	19	57572	2	3	0	0.000	0.999	-
DPP10	2	57628	2	3	0	0.000	0.999	-
DPYSL3	5	1809	2	3	0	0.010	0.987	-
DSCAML1	11	57453	2	3	1	0.000	0.987	NA
DYNC112	2	1781	2	2	0	0.010	0.886	-
EARS2	16	124454	2	2	0	0.010	0.974	-
EFEMP1	2	2202	2	2	0	0.000	1.000	-
EPHB3	3	2049	2	3	0	0.020	0.991	-
ESRP1	8	54845	2	1	1	0.000	1.000	NA
F2RL3	19	9002	2	1	1	0.010	0.864	damaging
F5	1	2153	2	6	1	0.010	0.998	NA
FARSA	19	2193	2	2	0	0.000	1.000	-
FMO1	1	2326	2	1	1	0.000	0.989	neutral
FNDC3B	3	64778	2	3	1	0.000	0.990	NA
GABRE	X	2564	2	2	0	0.000	0.966	-
GALNT11	7	63917	2	4	0	0.000	0.999	-
GID8	20	54994	2	2	0	0.010	0.967	-
GPR146	7	115330	2	2	0	0.000	0.975	-
GPR39	2	2863	2	2	0	0.000	1.000	-
HCK	20	3055	2	2	0	0.000	0.999	-
HGS	17	9146	2	2	0	0.040	0.984	-
IFNA16	9	3449	2	2	0	0.000	1.000	-
IKZF2	2	22807	2	2	0	0.000	1.000	-
INTS5	11	80789	2	3	0	0.000	0.987	-



INTS9	8	55756	2	3	0	0.000	0.999	-
IQCG	3	84223	2	2	0	0.040	0.971	-
KANK4	1	163782	2	2	0	0.020	0.909	-
KATNB1	16	10300	2	2	0	0.000	0.997	-
KIAA0196	8	9897	2	4	0	0.020	0.998	-
KIAA1324	1	57535	2	1	1	0.010	0.894	NA
KLHDC4	16	54758	2	4	0	0.000	1.000	-
KMT2D	12	8085	2	4	0	0.000	0.996	-
LMO7	13	4008	2	1	1	0.000	0.997	NA
LPO	17	4025	2	2	0	0.000	1.000	-
LTBP1	2	4052	2	5	0	0.000	0.999	-
MAFK	7	7975	2	2	0	0.000	1.000	-
MCCC1	3	56922	2	3	0	0.020	0.973	-
MDGA2	14	161357	2	3	0	0.010	0.990	-
MICAL3	22	57553	2	4	0	0.010	0.870	-
MIP	12	4284	2	2	0	0.000	0.996	-
MMP28	17	79148	2	2	0	0.000	0.987	-
MRPL16	11	54948	2	3	0	0.000	0.922	-
MSTN	2	2660	2	3	0	0.000	0.999	-
MTMR12	5	54545	2	1	1	0.000	0.999	NA
MYH11	16	4629	2	2	2	0.000	0.917	damaging
NAALADL2	3	254827	2	2	1	0.000	1.000	NA
NDST3	4	9348	2	2	0	0.000	0.995	-
NKX2-4	20	644524	2	2	0	0.010	0.989	-
NLGN1	3	22871	2	2	0	0.000	1.000	-
NT5M	17	56953	2	1	1	0.000	1.000	damaging
PCDH12	5	51294	2	2	0	0.000	0.995	-
PCDHA12	5	56137	2	3	0	0.000	0.998	-
PCDHGB1	5	56104	2	3	0	0.000	0.998	-
PGLYRP4	1	57115	2	2	0	0.000	1.000	-
PHACTR4	1	65979	2	1	1	0.000	0.999	damaging
PHF14	7	9678	2	2	1	0.000	0.997	NA
PKHD1	6	5314	2	4	1	0.030	0.952	NA
PLXNA4	7	91584	2	3	0	0.010	0.913	-
POLG	15	5428	2	3	0	0.010	0.998	-
PRPF38B	1	55119	2	3	0	0.010	0.994	-
PRRT1	6	80863	2	3	0	0.000	1.000	-
PSD4	2	23550	2	2	0	0.000	0.995	-
PXDN	2	7837	2	1	1	0.010	0.993	NA
RAB11FIP5	2	26056	2	1	1	0.000	0.965	damaging
RAB3C	5	115827	2	2	0	0.000	0.958	-
RAG2	11	5897	2	2	0	0.000	0.995	-
RGS22	8	26166	2	2	0	0.000	0.999	-
RIN3	14	79890	2	2	0	0.010	0.995	-
ROBO2	3	6092	2	5	2	0.000	0.994	damaging
SFXN2	10	118980	2	2	0	0.000	1.000	-
SH3GLB1	1	51100	2	3	0	0.040	0.895	-
SIRT7	17	51547	2	4	0	0.000	0.994	-
SLC12A3	16	6559	2	3	2	0.000	0.999	NA
SLC17A6	11	57084	2	2	0	0.000	0.999	-
SLC23A2	20	9962	2	2	0	0.000	0.999	-
SLC2A10	20	81031	2	2	0	0.000	1.000	-
SLC30A5	5	64924	2	1	1	0.010	0.931	NA
SLC6A3	5	6531	2	3	0	0.010	0.998	-
SMARCC2	12	6601	2	3	0	0.020	0.991	-
SNAP91	6	9892	2	2	0	0.000	0.992	-
SSBP2	5	23635	2	2	0	0.000	1.000	-
SYCP2	20	10388	2	1	1	0.000	0.950	damaging
SYNDIG1	20	79953	2	2	0	0.010	0.999	-
SYNJ1	21	8867	2	1	1	0.000	1.000	neutral
TDRD1	10	56165	2	2	0	0.020	0.996	-
TF	3	7018	2	2	0	0.000	0.999	-
TLE4	9	7091	2	2	0	0.000	1.000	-
TMEM173	5	340061	2	2	0	0.000	0.994	-
TNKS	8	8658	2	4	0	0.000	0.986	-
TP73	1	7161	2	2	0	0.000	1.000	-
TRAK1	3	22906	2	3	0	0.000	1.000	-
TRIOBP	22	11078	2	6	0	0.000	0.981	-
TSHZ3	19	57616	2	4	0	0.010	0.990	-
TTC17	11	55761	2	3	2	0.000	0.998	NA
ULK2	17	9706	2	2	0	0.000	0.999	-
VPS13C	15	54832	2	4	0	0.010	0.988	-

WNK2	9	65268	2	3	0	0.020	0.964	-
XDH	2	7498	2	4	0	0.000	1.000	-
ZEB2	2	9839	2	2	0	0.000	0.998	-
ZFHX2	14	85446	2	2	0	0.020	0.936	-
ZGRF1	4	55345	2	2	0	0.000	0.967	-
ZNF169	9	169841	2	3	0	0.000	0.993	-
AD000671.1	19	55851	2	0	2	-	-	damaging
BRWD3	X	254065	2	0	3	-	-	damaging
CAMTA2	17	23125	2	0	2	-	-	damaging
CCDC33	15	80125	2	1	1	0.010	0.001	damaging
CLASP1	2	23332	2	3	2	0.000	0.135	damaging
F8	X	2157	2	2	0	0.000	0.996	-
FXR1	3	8087	2	0	3	-	-	damaging
GPR26	10	2849	2	2	0	0.000	0.912	-
GPR98	5	84059	2	0	2	-	-	damaging
ABHD3	18	171586	2	2	0	0.040	0.865	-
ACSL6	5	23305	2	3	0	0.000	0.999	-
KAT7	17	11143	2	2	0	0.000	0.986	-
KIAA1755	20	85449	2	2	0	0.000	0.999	-
AFAP1L1	5	134265	2	2	0	0.000	0.976	-
LAMA4	6	3910	2	3	0	0.000	0.986	-
AKAP12	6	9590	2	3	1	NA	NA	damaging
ALDH2	12	217	2	2	0	0.000	0.998	-
ALPK3	15	57538	2	1	1	NA	NA	damaging
ANGPT4	20	51378	2	2	0	0.000	1.000	-
ANKRD44	2	91526	2	2	1	0.090	0.997	damaging
ANLN	7	54443	2	1	1	1.000	NA	damaging
ANTXR2	4	118429	2	2	1	0.350	0.937	damaging
APOB	2	338	2	4	0	0.000	0.996	-
ASAP1	8	50807	2	2	2	NA	NA	damaging
ASCC3	6	10973	2	2	0	0.000	0.999	-
ASH1L	1	55870	2	1	1	0.090	0.982	damaging
ATG2A	11	23130	2	1	1	0.100	0.854	damaging
ATG9B	7	285973	2	4	0	0.010	0.860	-
ATM	11	472	2	3	2	0.760	0.177	damaging
NAV1	1	89796	2	2	0	0.000	0.997	-
ATXN3	14	4287	2	1	1	NA	NA	damaging
AXL	19	558	2	2	1	0.000	0.971	NA
BACE2	21	25825	2	1	1	0.940	0.007	damaging
NOXO1	16	124056	2	2	0	0.020	0.943	-
BBS4	15	585	2	1	1	NA	NA	damaging
BCORL1	X	63035	2	2	0	0.000	0.990	-
BIVM,BIVM- ERCC5	13		2	2	0	0.000	0.998	-
BPTF	17	2186	2	2	1	NA	NA	damaging
BSN	3	8927	2	2	0	0.000	0.974	-
C1orf168	1	199920	2	1	1	NA	NA	damaging
C6orf10	6	10665	2	2	0	0.000	0.998	-
PDX1	13	3651	2	1	1	0.000	0.737	damaging
PEAR1	1	375033	2	2	1	0.040	0.454	damaging
CACNA1B	9	774	2	3	1	NA	NA	damaging
CACNA1H	16	8912	2	3	0	0.010	0.917	-
CATSPER3	5	347732	2	3	0	0.010	0.996	-
POLD1	19	5424	2	4	0	0.000	0.998	-
CCSER1	4	401145	2	5	0	0.000	0.983	-
RALGPS1	9	9649	2	3	0	0.010	0.890	-
CD180	5	4064	2	3	0	0.030	1.000	-
CDK15	2	65061	2	2	1	0.000	0.999	NA
CELF4	18	56853	2	3	0	0.000	0.999	-
CELSR1	22	9620	2	4	1	NA	NA	damaging
CEP152	15	22995	2	1	1	NA	NA	damaging
CEP70	3	80321	2	2	2	0.000	0.999	NA
SIDT1	3	54847	2	5	0	0.010	0.986	-
SMCHD1	18	23347	2	4	0	0.000	0.956	-
COL15A1	9	1306	2	1	1	NA	NA	damaging
COL5A1	9	1289	2	2	1	0.000	0.913	NA
COL6A5	3	256076	2	2	0	0.000	0.920	-
COL7A1	3	1294	2	3	2	0.330	0.245	damaging
COL9A1	6	1297	2	4	1	0.000	1.000	NA
CP	3	1356	2	2	1	NA	NA	damaging
CPSF7	11	79869	2	3	0	0.040	0.997	-
CSMD1	8	64478	2	11	1	0.000	0.989	NA

CTNND2	5	1501	2	5	0	0.010	0.990	-
CUBN	10	8029	2	5	4	0.000	0.995	NA
CYFIP2	5	26999	2	2	0	0.010	0.893	-
DAZAP1	19	26528	2	2	1	NA	NA	damaging
DCP2	5	167227	2	3	1	0.010	0.996	NA
DLGAP2	8	9228	2	1	1	NA	NA	damaging
DMPK	19	1760	2	2	1	0.000	1.000	NA
DMRT3	9	58524	2	1	1	NA	NA	damaging
DMTF1	7	9988	2	2	1	NA	NA	damaging
DNAJC25	9	548645	2	2	0	0.000	0.926	-
DOCK5	8	80005	2	2	0	0.020	0.972	-
ZBBX	3	79740	2	2	1	0.040	NA	damaging
EEFSEC	3	60678	2	2	0	0.000	1.000	-
ELF4	X	2000	2	2	0	0.000	0.890	-
ELL2	5	22936	2	1	1	NA	NA	damaging
EPHX2	8	2053	2	2	2	0.450	0.168	damaging
FAM104A	17	84923	2	2	0	0.000	0.997	-
FBLN2	3	2199	2	3	2	NA	NA	damaging
FBXL17	5	64839	2	1	1	0.310	NA	damaging
FBXW10	17	10517	2	1	1	NA	NA	damaging
FER	5	2241	2	2	1	NA	NA	damaging
FGD4	12	121512	2	2	0	0.000	0.883	-
FIP1L1	4	81608	2	1	2	NA	NA	damaging
FOXO1	13	2308	2	3	0	0.040	0.986	-
FYB	5	2533	2	3	1	NA	NA	damaging
FZD9	7	8326	2	2	0	0.000	0.985	-
G3BP2	4	9908	2	2	0	0.000	0.991	-
GLI2	2	2736	2	2	0	0.000	0.983	-
GPATCH1	19	55094	2	2	0	0.040	0.997	-
GPR161	1	23432	2	3	1	0.370	0.001	damaging
GPR25	1	2848	2	2	1	0.000	0.990	NA
GRIK2	6	2898	2	2	0	0.000	1.000	-
GRM7	3	2917	2	1	1	0.090	0.995	damaging
HAO1	20	54363	2	1	1	NA	NA	damaging
HLA-B	6	3106	2	1	2	NA	NA	damaging
HPS1	10	3257	2	2	1	NA	NA	damaging
HSPA12A	10	259217	2	4	0	0.030	0.867	-
INHBB	2	3625	2	2	0	0.000	0.937	-
INTS2	17	57508	2	2	1	NA	NA	damaging
IPO7	11	10527	2	2	1	0.230	1.000	damaging
IRS2	13	8660	2	1	1	NA	NA	damaging
ITGAX	16	3687	2	1	1	0.120	1.000	damaging
ITGB4	17	3691	2	4	1	0.150	0.980	damaging
ITGB8	7	3696	2	2	1	NA	NA	damaging
JARID2	6	3720	2	3	1	NA	NA	damaging
KAT8	16	84148	2	2	0	0.000	1.000	-
KCNQ2	20	3785	2	2	0	0.000	0.999	-
KCNU1	8	157855	2	4	0	0.000	0.999	-
KDM2B	12	84678	2	4	1	NA	NA	damaging
KIAA1107	1	284697	2	2	0	0.000	0.964	-
KIF13B	8	23303	2	5	1	NA	NA	damaging
KIF14	1	9928	2	2	2	NA	NA	damaging
KIF26A	14	26153	2	2	1	NA	NA	damaging
KLHDC7A	1	127707	2	2	0	0.020	0.997	-
KMT2B	19	9757	2	4	0	0.000	0.996	-
KRT24	17	192666	2	1	1	NA	NA	damaging
KSR2	12	283455	2	5	1	0.030	0.999	damaging
LAMA3	18	3909	2	5	1	0.010	1.000	NA
LAMA5	20	3911	2	2	1	NA	NA	damaging
LARS	5	51520	2	2	1	NA	NA	damaging
LENG8	19	114823	2	1	1	NA	NA	damaging
LONP2	16	83752	2	1	1	NA	NA	damaging
LOXL2	8	4017	2	4	0	0.000	1.000	-
LRP5	11	4041	2	4	1	NA	NA	damaging
MAST1	19	22983	2	3	0	0.000	0.981	-
MDGA1	6	266727	2	5	1	0.000	0.876	damaging
MEGF11	15	84465	2	3	0	0.000	1.000	-
MLH1	3	4292	2	3	0	0.000	0.984	-
MOSPD3	7	64598	2	3	0	0.010	0.995	-
MTA1	14	9112	2	2	1	NA	NA	damaging
MUC5AC	11	4586	2	3	1	0.000	0.916	NA
MVB12B	9	89853	2	3	0	0.040	0.998	-

MYH7	14	4625	2	4	0	0.010	1.000	-
MYO1F	19	4542	2	2	0	0.000	0.992	-
MYO5A	15	4644	2	1	1	NA	NA	damaging
MYO9A	15	4649	2	4	1	NA	NA	damaging
NCOA6	20	23054	2	2	0	0.030	0.939	-
NDUFB10	16	4716	2	2	0	0.000	0.933	-
NEFM	8	4741	2	2	0	0.000	0.973	-
NKTR	3	4820	2	1	1	NA	NA	damaging
NLRP12	19	91662	2	1	1	0.190	0.004	damaging
NOS2	17	4843	2	2	1	NA	NA	damaging
OLFML2B	1	25903	2	1	1	0.430	0.039	damaging
OR4C16	11	219428	2	2	0	0.000	0.997	-
OR52D1	11	390066	2	2	0	0.000	0.992	-
PACS2	14	23241	2	1	1	NA	NA	damaging
PALD1	10	27143	2	3	0	0.000	0.998	-
PDIA5	3	10954	2	1	1	NA	NA	damaging
PHTF1	1	10745	2	1	1	NA	NA	damaging
PIK3R5	17	23533	2	3	0	0.000	0.993	-
PKN1	19	5585	2	2	0	0.010	0.986	-
PLA2G4D	15	283748	2	2	1	0.000	0.999	NA
PLAGL1	6	5325	2	1	1	0.360	0.024	damaging
PLEKHH3	17	79990	2	1	1	0.210	0.117	damaging
PPP2R1A	19	5518	2	1	1	NA	NA	damaging
PRDM15	21	63977	2	6	0	0.030	0.998	-
PRPF18	10	8559	2	2	0	0.010	0.960	-
PRR18	6	285800	2	2	0	0.000	0.953	-
PRRX1	1	5396	2	2	0	0.030	0.996	-
PTPRK	6	5796	2	1	1	NA	NA	damaging
RAB2B	14	84932	2	2	0	0.000	0.997	-
RAPH1	2	65059	2	1	1	NA	NA	damaging
RBM25	14	58517	2	3	2	0.580	0.885	damaging
RECK	9	8434	2	3	1	0.060	0.402	damaging
RERE	1	473	2	4	0	0.000	0.999	-
RNASEH2A	19	10535	2	2	0	0.000	1.000	-
RNF123	3	63891	2	3	1	0.660	0.004	damaging
RNF17	13	56163	2	3	0	0.020	0.999	-
RNF43	17	54894	2	1	2	NA	NA	damaging
ROM1	11	6094	2	1	1	0.130	0.044	damaging
SBNO1	12	55206	2	2	1	0.390	0.989	damaging
SCN5A	3	6331	2	3	0	0.000	0.997	-
SEMA6A	5	57556	2	2	0	0.000	1.000	-
SERPINI1	3	5274	2	2	0	0.010	1.000	-
SETD2	3	29072	2	1	1	NA	NA	damaging
SFSWAP	12	6433	2	3	0	0.010	1.000	-
SH2D3C	9	10044	2	3	0	0.000	0.931	-
SHANK2	11	22941	2	5	0	0.010	0.999	-
SIN3A	15	25942	2	2	0	0.040	0.985	-
SIN3B	19	23309	2	4	1	NA	NA	damaging
SIPA1L3	19	23094	2	3	1	0.050	0.783	damaging
SLC15A4	12	121260	2	2	1	NA	NA	damaging
SLC37A2	11	219855	2	3	0	0.040	0.852	-
SLC38A6	14	145389	2	2	0	0.010	0.889	-
SLC43A2	17	124935	2	1	1	NA	NA	damaging
SLC7A2	8	6542	2	2	1	0.510	0.089	damaging
SLITRK1	13	114798	2	2	0	0.000	1.000	-
SNRNP200	2	23020	2	2	0	0.000	0.984	-
SNX13	7	23161	2	3	1	NA	NA	damaging
SNX19	11	399979	2	4	0	0.000	0.994	-
SPAG9	17	9043	2	3	0	0.030	0.946	-
SRCIN1	17	80725	2	4	1	0.230	0.652	damaging
STAB2	12	55576	2	2	1	0.010	0.999	NA
STIP1	11	10963	2	1	1	NA	NA	damaging
STX11	6	8676	2	2	0	0.010	0.867	-
SUV420H2	19	84787	2	2	1	0.000	0.999	damaging
SYCP1	1	6847	2	5	1	NA	NA	damaging
SYN3	22	8224	2	2	0	0.000	0.997	-
SYNE2	14	23224	2	3	2	0.080	0.971	damaging
TBC1D16	17	125058	2	3	1	0.010	0.982	NA
TBC1D9	4	23158	2	3	0	0.010	0.975	-
TBCD	17	6904	2	1	2	NA	NA	damaging
TBL3	16	10607	2	3	0	0.000	0.992	-
TENM1	X	10178	2	2	0	0.000	0.993	-

<i>TGM2</i>	20	7052	2	2	0	0.000	1.000	-
<i>TIAL1</i>	10	7073	2	3	0	0.000	0.999	-
<i>TIMP3</i>	22	7078	2	2	0	0.000	0.999	-
<i>TLK2</i>	17	11011	2	2	1	NA	NA	damaging
<i>TMEM132E</i>	17	124842	2	2	1	0.020	0.006	damaging
<i>TMPRSS11A</i>	4	339967	2	2	1	0.400	0.057	damaging
<i>TNIP1</i>	5	10318	2	2	2	0.590	0.002	damaging
<i>TNR</i>	1	7143	2	2	0	0.000	1.000	-
<i>TRIO</i>	5	7204	2	4	1	0.020	0.989	damaging
<i>TRPA1</i>	8	8989	2	3	1	0.030	0.977	NA
<i>TRPC6</i>	11	7225	2	2	0	0.000	0.976	-
<i>TLL2</i>	6	83887	2	1	1	0.230	0.048	damaging
<i>USH1C</i>	11	10083	2	2	0	0.010	0.959	-
<i>USP34</i>	2	9736	2	1	1	0.700	0.004	damaging
<i>WDR41</i>	5	55255	2	1	1	NA	NA	damaging
<i>WRAP53</i>	17	55135	2	2	0	0.000	0.992	-
<i>WT1</i>	11	7490	2	3	1	NA	NA	damaging
<i>XAB2</i>	19	56949	2	2	0	0.000	1.000	-
<i>ZC3H11A</i>	1	9877	2	2	1	NA	NA	damaging
<i>ZHX2</i>	8	22882	2	1	1	NA	NA	damaging
<i>ZNF142</i>	2	7701	2	1	2	NA	NA	damaging
<i>ZNF778</i>	16	197320	2	1	1	0.400	0.402	damaging

(B) Genes showing genetic aberrations (SNVs or indels) in more than 15% of (2 or more) cancers belonging to Cluster B1 (n=12)

<i>Gene symbol</i>	Chromosome	National Center for Biotechnology Information (NCBI) Gene ID	Number of patients showing genetic aberrations	Number of genetic aberrations		Predicted protein function		
						SNVs <sup>1</sup>		Indels
				SNVs	Indels	SIFT	Polyphen	SIFT
<i>TTN</i>	2	7273	8	21	0	0.000	1.000	-
<i>LRP1B</i>	2	53353	7	15	0	0.000	0.998	-
<i>TP53</i>	17	7157	7	5	2	0.000	1.000	damaging
<i>ADAMTSL3</i>	15	57188	5	6	0	0.040	0.998	-
<i>PCDH15</i>	10	65217	5	4	2	0.010	1.000	neutral
<i>VAV2</i>	9	7410	5	5	0	0.010	0.992	-
<i>ADAMTS1</i>	21	9510	4	4	0	0.000	0.997	-
<i>APOB</i>	2	338	4	4	0	0.000	0.999	-
<i>ATG2A</i>	11	23130	4	3	1	NA	NA	damaging
<i>ATP2B4</i>	1	493	4	4	0	0.000	0.990	-
<i>BIRC6</i>	2	57448	4	6	0	0.000	0.912	-
<i>CCDC80</i>	3	151887	4	2	2	0.010	0.955	NA
<i>CSMD3</i>	8	114788	4	7	0	0.010	0.888	-
<i>DNAH14</i>	1	127602	4	3	1	0.040	0.504	damaging
<i>DPP10</i>	2	57628	4	5	1	0.000	0.995	NA
<i>DYNC2H1</i>	11	79659	4	5	1	0.020	0.910	NA
<i>DYSF</i>	2	8291	4	4	1	0.050	0.220	damaging
<i>EDEM3</i>	1	80267	4	4	0	0.000	0.998	-
<i>FLNA</i>	X	2316	4	4	1	0.000	0.988	NA
<i>FSTL5</i>	4	56884	4	4	0	0.000	0.856	-
<i>KMT2C</i>	7	58508	4	4	0	0.010	0.999	-
<i>MAP2</i>	2	4133	4	6	0	0.000	0.984	-
<i>MUC16</i>	19	94025	4	8	1	0.000	0.995	NA
<i>MYO7A</i>	11	4647	4	3	2	NA	NA	damaging
<i>OBSCN</i>	1	84033	4	6	3	0.040	0.993	damaging
<i>PDZRN3</i>	3	23024	4	4	0	0.000	0.966	-
<i>PTPRD</i>	9	5789	4	3	2	NA	0.995	damaging
<i>PTPRT</i>	20	11122	4	4	1	0.000	0.999	damaging
<i>RYR1</i>	19	6261	4	3	2	0.000	0.955	NA
<i>RYR2</i>	1	6262	4	10	1	0.000	0.999	NA
<i>SASH1</i>	6	23328	4	4	0	0.000	0.990	-
<i>ZFHX4</i>	8	79776	4	6	1	0.000	0.999	damaging
<i>ZNF804B</i>	7	219578	4	3	1	0.010	1.000	damaging
<i>ABR</i>	17	29	3	3	1	0.000	0.998	damaging
<i>ADCY8</i>	8	114	3	4	0	0.030	0.953	-
<i>ADGRV1</i>	5	84059	3	3	0	0.010	0.983	-
<i>AFF2</i>	X	2334	3	2	2	0.040	0.973	NA
<i>AGPAT4</i>	6	56895	3	2	1	0.000	0.989	damaging
<i>ARAF</i>	X	369	3	3	1	0.000	0.993	damaging
<i>ARHGAP31</i>	3	57514	3	2	2	0.020	0.996	NA
<i>ARHGEF10L</i>	1	55160	3	2	1	0.170	0.508	damaging
<i>ATP7B</i>	13	540	3	3	1	0.550	0.425	damaging

BRCA2	13	675	3	3	1	0.090	0.541	damaging
CACNA1C	12	775	3	3	0	0.000	0.997	-
CCDC132	7	55610	3	1	3	0.010	0.994	NA
CEP120	5	153241	3	3	0	0.030	0.991	-
CEP170B	14	283638	3	3	0	0.010	0.968	-
CHAT	10	1103	3	3	0	0.010	0.997	-
CHST2	3	9435	3	4	1	0.000	0.991	damaging
COL25A1	4	84570	3	3	1	NA	NA	damaging
COL6A5	3	256076	3	3	0	0.000	0.981	-
CSMD2	1	114784	3	4	0	0.010	1.000	-
CUX1	7	1523	3	4	1	0.210	0.992	damaging
DCC	18	1630	3	3	0	0.010	0.953	-
DNAH7	2	56171	3	1	2	0.000	1.000	damaging
DNHD1	11	144132	3	4	0	0.030	0.998	-
DSCAML1	11	57453	3	4	1	0.010	0.998	neutral
ENGASE	17	64772	3	3	1	0.000	1.000	NA
FLNB	3	2317	3	4	0	0.000	0.990	-
GHR	5	2690	3	3	1	NA	NA	damaging
GLI3	7	2737	3	2	1	0.000	0.853	NA
GPLD1	6	2822	3	4	1	0.570	0.012	damaging
GRIK2	6	2898	3	3	1	NA	NA	damaging
HEATR1	1	55127	3	2	1	0.000	0.999	damaging
HLA-B	6	3106	3	3	1	0.560	0.007	damaging
HUWE1	X	10075	3	3	0	0.040	0.938	-
IGSF9B	11	22997	3	6	1	0.020	0.995	damaging
ITGA6	2	3655	3	1	2	NA	NA	damaging
ITPR3	6	3710	3	2	1	NA	NA	damaging
KCNH2	7	3757	3	2	1	0.000	0.948	neutral
KCNQ2	20	3785	3	2	1	0.030	0.998	NA
KCNQ3	8	3786	3	2	1	NA	NA	damaging
LYST	1	1130	3	5	0	0.010	0.947	-
MAP4K4	2	9448	3	3	0	0.000	0.994	-
MEGF8	19	1954	3	5	0	0.000	0.997	-
NID1	1	4811	3	3	0	0.000	1.000	-
NUP214	9	8021	3	2	2	NA	NA	damaging
PCLO	7	27445	3	3	0	0.000	0.996	-
PIWIL1	12	9271	3	3	1	NA	NA	damaging
PLEKHG1	6	57480	3	3	0	0.000	1.000	-
PXDN	2	7837	3	4	1	0.000	1.000	NA
RNF43	17	54894	3	1	3	NA	NA	damaging
ROCK1	18	6093	3	1	4	NA	NA	damaging
SATB2	2	23314	3	4	0	0.000	0.999	-
SHANK1	19	50944	3	3	0	0.000	0.996	-
SHANK2	11	22941	3	3	1	0.000	0.999	damaging
SMO	7	6608	3	2	1	0.000	0.999	neutral
SNAP91	6	9892	3	5	0	0.000	1.000	-
SRRM2	16	23524	3	2	1	0.000	0.860	damaging
SRRM4	12	84530	3	2	1	NA	0.999	damaging
TG	8	7038	3	4	0	0.000	0.999	-
TLN2	15	83660	3	4	0	0.010	0.957	-
TM6SF1	15	53346	3	2	1	NA	NA	damaging
TPTE	21	7179	3	4	0	0.000	0.999	-
TRRAP	7	8295	3	3	0	0.020	0.982	-
UNC79	14	57578	3	4	0	0.000	0.985	-
XIRP2	2	129446	3	4	0	0.000	0.998	-
XRN1	3	54464	3	2	1	NA	NA	damaging
ABCA10	17	10349	2	1	1	0.000	0.980	NA
ABCA7	19	10347	2	0	2	-	-	damaging
ABLIM2	4	84448	2	1	2	0.040	0.998	damaging
ACE	17	1636	2	1	1	NA	NA	damaging
ACTB	7	60	2	2	0	0.000	1.000	-
ACTL6B	7	51412	2	1	1	NA	NA	damaging
ADAM7	8	8756	2	0	2	-	-	damaging
ADAMTS20	12	80070	2	2	0	0.030	1.000	-
ADAMTS9	3	56999	2	2	0	0.000	0.989	-
ADGRB2	1	576	2	3	0	0.010	1.000	-
ADRA2B	2	151	2	1	1	0.000	0.997	damaging
AIFM2	10	84883	2	2	0	0.000	0.934	-
AKAP9	7	10142	2	1	1	NA	NA	damaging
ALDH6A1	14	4329	2	2	0	0.000	1.000	-
ALG13	X	79868	2	2	1	NA	NA	damaging
ALPK3	15	57538	2	2	0	0.000	1.000	-

AMMECR1	X	9949	2	0	2	-	-	damaging
ANKRD26	10	22852	2	0	2	-	-	damaging
ANKRD50	4	57182	2	1	1	0.000	0.968	damaging
ANXA6	5	309	2	2	0	0.000	0.999	-
APC2	19	10297	2	3	0	0.040	0.914	-
ARHGAP32	11	9743	2	2	1	NA	NA	damaging
ARHGAP40	20	343578	2	1	1	NA	NA	damaging
ARID1A	1	8289	2	1	3	0.460	0.990	damaging
ARMC3	10	219681	2	1	1	0.440	0.913	damaging
ARMC7	17	79637	2	1	1	NA	NA	damaging
ASPM	1	259266	2	0	2	-	-	damaging
ASTN1	1	460	2	2	0	0.040	0.961	-
ATAD5	17	79915	2	1	1	NA	NA	damaging
ATP10A	15	57194	2	3	0	0.010	0.964	-
ATP9A	20	10079	2	3	0	0.000	0.998	-
ATRN	20	8455	2	0	2	-	-	damaging
B3GAT1	11	27087	2	1	1	0.540	0.004	damaging
BCHE	3	590	2	2	0	0.000	0.999	-
BNC2	9	54796	2	1	1	0.000	0.994	damaging
BRINP3	1	339479	2	2	0	0.000	0.997	-
BTBD11	12	121551	2	2	0	0.000	0.968	-
BTNL3	5	10917	2	2	0	0.030	0.999	-
C10orf88	10	80007	2	1	1	NA	NA	damaging
C14orf43	14	91748	2	0	2	-	-	damaging
CACNA1D	3	776	2	2	0	0.000	1.000	-
CACNA1E	1	777	2	2	0	0.000	1.000	-
CACNA2D1	7	781	2	1	1	0.000	0.979	NA
CACNA2D4	12	93589	2	3	0	0.020	0.990	-
CACNG3	16	10368	2	3	0	0.010	0.999	-
CASS4	20	57091	2	2	1	NA	NA	damaging
CBX2	17	84733	2	1	1	NA	0.766	damaging
CD1A	1	909	2	2	0	0.000	0.996	-
CDH1	16	999	2	0	2	-	-	damaging
CDH10	5	1008	2	1	1	0.020	0.009	damaging
CDH11	16	1009	2	3	0	0.000	1.000	-
CDH2	18	1000	2	3	0	0.000	0.959	-
CEP164	11	22897	2	2	1	NA	NA	damaging
CEP192	18	55125	2	2	1	0.010	0.993	NA
CEP55	10	55165	2	1	1	0.860	NA	damaging
CFAP74	1	85452	2	2	0	0.030	0.966	-
CFP	X	5199	2	1	1	NA	NA	damaging
CHD7	8	55636	2	2	0	0.000	1.000	-
CHRNA4	20	1137	2	1	1	NA	NA	damaging
CMTR1	6	23070	2	2	0	0.000	0.999	-
COL12A1	6	1303	2	1	1	0.100	0.959	damaging
COL1A1	17	1277	2	2	0	0.020	0.997	-
CPD	17	1362	2	1	1	NA	NA	damaging
GSTF3	11	1479	2	2	1	0.000	1.000	NA
CTNNB1	3	1499	2	1	1	0.000	1.000	neutral
CWC27	5	10283	2	0	3	-	-	damaging
CX3CR1	3	1524	2	1	1	NA	NA	damaging
CYP4A22	1	284541	2	3	0	0.030	0.973	-
DCLK2	4	166614	2	2	0	0.000	1.000	-
DLC1	8	10395	2	2	2	0.000	0.990	NA
DLX6	7	1750	2	2	0	0.000	0.989	-
DNAH11	7	8701	2	2	1	0.000	0.996	NA
DNAH8	6	1769	2	1	2	NA	NA	damaging
DRD5	4	1816	2	2	0	0.000	0.950	-
DTWD1	15	56986	2	0	2	-	-	damaging
DTX1	12	1840	2	2	0	0.000	0.996	-
EBF3	10	253738	2	2	0	0.000	0.883	-
EIF5B	2	9669	2	1	1	NA	NA	damaging
EPPK1	8	83481	2	2	1	NA	NA	damaging
ERBB4	2	2066	2	2	0	0.000	0.999	-
ERICH3	1	127254	2	2	0	0.000	0.999	-
ESR1	6	2099	2	2	0	0.010	0.983	-
ESRRA	11	2101	2	2	0	0.010	0.996	-
ETV5	3	2119	2	2	0	0.000	1.000	-
EXOSC10	1	5394	2	1	1	NA	NA	damaging
F8	X	2157	2	2	0	0.010	0.976	-
FAM120C	X	54954	2	2	1	0.040	0.620	damaging
FBN1	15	2200	2	1	1	NA	NA	damaging

<i>FBN3</i>	19	84467	2	2	0	0.000	0.974	-
<i>FGF13</i>	X	2258	2	1	1	NA	NA	damaging
<i>FKRP</i>	19	79147	2	2	0	0.010	0.997	-
<i>FLOT2</i>	17	2319	2	2	0	0.000	0.994	-
<i>FLT4</i>	5	2324	2	2	1	NA	NA	damaging
<i>FMNL1</i>	17	752	2	3	0	0.000	0.999	-
<i>FNDC1</i>	6	84624	2	3	0	0.000	0.999	-
<i>FUBP3</i>	9	8939	2	1	2	NA	NA	damaging
<i>GABBR1</i>	6	2550	2	1	1	NA	NA	damaging
<i>GAS6</i>	13	2621	2	2	0	0.000	0.996	-
<i>GLTSCR1</i>	19	29998	2	2	1	NA	NA	damaging
<i>GMCL1</i>	2	64395	2	0	2	-	-	damaging
<i>GPI</i>	19	2821	2	2	0	0.000	1.000	-
<i>GPR161</i>	1	23432	2	0	2	-	-	damaging
<i>GPR179</i>	17	440435	2	2	0	0.010	1.000	-
<i>GRIK3</i>	1	2899	2	2	0	0.000	0.998	-
<i>GRM1</i>	6	2911	2	3	0	0.000	1.000	-
<i>GTF2IRD1</i>	7	9569	2	1	1	0.050	0.999	damaging
<i>GUCY2D</i>	17	3000	2	1	1	NA	NA	damaging
<i>GZF1</i>	20	64412	2	1	1	0.070	0.991	damaging
<i>H6PD</i>	1	9563	2	1	1	NA	NA	damaging
<i>HECTD2</i>	10	143279	2	2	0	0.010	0.992	-
<i>HNRNPL</i>	19	3191	2	0	2	-	-	damaging
<i>HSPG2</i>	1	3339	2	1	1	0.000	0.991	NA
<i>IARS</i>	9	3376	2	0	2	-	-	damaging
<i>IKZF3</i>	17	22806	2	1	1	0.000	0.999	NA
<i>IMPAD1</i>	8	54928	2	1	1	0.000	0.980	damaging
<i>INPP5D</i>	2	3635	2	2	0	0.000	0.996	-
<i>ITGA11</i>	15	22801	2	2	0	0.000	0.952	-
<i>KAT6A</i>	8	7994	2	3	0	0.010	0.985	-
<i>KCNC1</i>	11	3746	2	1	1	NA	NA	damaging
<i>KCNU1</i>	8	157855	2	2	0	0.020	1.000	-
<i>KCTD16</i>	5	57528	2	1	1	NA	NA	damaging
<i>KDM5A</i>	12	5927	2	2	0	0.030	0.998	-
<i>KIAA0556</i>	16	23247	2	2	0	0.000	0.999	-
<i>KIAA0930</i>	22	23313	2	0	2	-	-	damaging
<i>KIAA1324L</i>	7	222223	2	3	0	0.010	1.000	-
<i>KIF26A</i>	14	26153	2	2	0	0.000	0.865	-
<i>KIF27</i>	9	55582	2	2	0	0.010	0.862	-
<i>KLHL32</i>	6	114792	2	3	0	0.010	0.980	-
<i>KRT13</i>	17	3860	2	1	2	NA	NA	damaging
<i>KSR2</i>	12	283455	2	2	0	0.000	0.997	-
<i>LAMB1</i>	7	3912	2	2	0	0.010	0.867	-
<i>LDB3</i>	10	11155	2	3	0	0.000	0.996	-
<i>LIG3</i>	17	3980	2	1	1	0.020	NA	damaging
<i>LRRC16B</i>	14	90668	2	1	1	NA	NA	damaging
<i>LRRC4B</i>	19	94030	2	2	0	0.010	0.981	-
<i>MADD</i>	11	8567	2	3	0	0.000	1.000	-
<i>MAP2K4</i>	17	6416	2	2	1	0.090	0.015	damaging
<i>MAP3K6</i>	1	9064	2	1	1	0.020	0.409	damaging
<i>MEP1B</i>	18	4225	2	3	0	0.000	0.979	-
<i>MID1</i>	X	4281	2	2	1	NA	NA	damaging
<i>MMP9</i>	20	4318	2	2	0	0.000	0.997	-
<i>MRV11</i>	11	10335	2	3	0	0.000	0.998	-
<i>MTG2</i>	20	26164	2	2	0	0.000	0.999	-
<i>MXD3</i>	5	83463	2	2	0	0.000	0.974	-
<i>MYCBP2</i>	13	23077	2	1	1	NA	NA	damaging
<i>MYLK</i>	3	4638	2	2	0	0.010	1.000	-
<i>MYO18A</i>	17	399687	2	0	2	-	-	damaging
<i>NCKAP1</i>	2	10787	2	3	0	0.000	0.996	-
<i>NCOR2</i>	12	9612	2	0	2	-	-	damaging
<i>NEFM</i>	8	4741	2	2	0	0.000	0.995	-
<i>NINL</i>	20	22981	2	2	1	NA	NA	damaging
<i>NISCH</i>	3	11188	2	1	1	NA	NA	damaging
<i>NOC3L</i>	10	64318	2	2	2	0.000	1.000	NA
<i>NPTX2</i>	7	4885	2	1	1	NA	NA	damaging
<i>NRXN1</i>	2	9378	2	2	0	0.040	1.000	-
<i>OLFM1</i>	9	10439	2	3	0	0.000	0.927	-
<i>OR10R2</i>	1	343406	2	2	0	0.000	1.000	-
<i>OR8H1</i>	11	219469	2	2	0	0.000	0.999	-
<i>PBRM1</i>	3	55193	2	1	1	1.000	NA	damaging
<i>PCDH19</i>	X	57526	2	2	1	0.090	0.999	damaging



PCDHAC2	5	56134	2	2	0	0.030	0.979	-
PCDHB3	5	56132	2	2	0	0.000	0.881	-
PCDHB7	5	56129	2	2	0	0.000	0.966	-
PCK2	14	5106	2	2	0	0.000	1.000	-
PDE4C	19	5143	2	3	0	0.020	0.967	-
PFKFB3	10	5209	2	1	2	NA	NA	damaging
PIP5K1A	1	8394	2	1	2	0.000	0.991	NA
PLA2G4D	15	283748	2	1	1	0.040	1.000	NA
PLCH1	3	23007	2	4	0	0.000	0.996	-
PLEC	8	5339	2	4	0	0.010	0.999	-
PPP5C	19	5536	2	2	0	0.000	0.937	-
PRKCD	3	5580	2	1	2	0.000	0.984	damaging
PRPS2	X	5634	2	3	0	0.000	0.991	-
PRRG1	X	5638	2	1	2	NA	NA	damaging
PRTG	15	283659	2	2	0	0.000	0.998	-
RABEP2	16	79874	2	2	0	0.000	0.997	-
RASGRP4	19	115727	2	3	0	0.040	0.998	-
RELN	7	5649	2	2	0	0.010	0.995	-
RGS6	14	9628	2	2	0	0.000	0.997	-
RNF144B	6	255488	2	1	1	0.000	1.000	NA
RTKN	2	6242	2	2	0	0.010	0.994	-
SACS	13	26278	2	2	1	0.000	0.996	damaging
SBNO1	12	55206	2	1	1	NA	NA	damaging
SCRIB	8	23513	2	2	0	0.000	0.997	-
SETBP1	18	26040	2	3	1	0.640	0.003	damaging
SETDB1	1	9869	2	2	0	0.010	0.998	-
SETX	9	23064	2	2	1	NA	NA	damaging
SFSWAP	12	6433	2	2	0	0.040	0.999	-
SGSM1	22	129049	2	2	0	0.000	1.000	-
SLC23A2	20	9962	2	1	1	NA	NA	damaging
SLC26A7	8	115111	2	1	2	NA	NA	damaging
SLC35A5	3	55032	2	2	0	0.010	1.000	-
SLC39A5	12	283375	2	2	0	0.000	0.994	-
SLC44A4	6	80736	2	1	1	0.450	0.008	damaging
SLC4A4	4	8671	2	2	0	0.000	1.000	-
SLCO1B7	12	338821	2	2	0	0.000	0.998	-
SMAD4	18	4089	2	3	0	0.000	1.000	-
SMAP1	6	60682	2	0	2	-	-	damaging
SMC4	3	10051	2	0	2	-	-	damaging
SMCHD1	18	23347	2	0	2	-	-	damaging
SNX17	2	9784	2	2	1	0.030	0.999	NA
SPATA5	4	166378	2	2	0	0.000	0.961	-
SPTBN5	15	51332	2	1	1	NA	NA	damaging
STAT2	12	6773	2	1	1	NA	NA	damaging
STK10	5	6793	2	1	1	NA	NA	damaging
STRIP2	7	57464	2	2	0	0.000	0.998	-
SULF1	8	23213	2	1	1	NA	NA	damaging
TAF1B	2	9014	2	2	1	NA	0.748	damaging
TAF2	8	6873	2	1	2	NA	NA	damaging
TAF4B	18	6875	2	4	0	0.010	0.996	-
TAS2R7	12	50837	2	1	1	0.060	0.267	damaging
TCEB3	1	6924	2	1	1	0.110	0.972	damaging
TFAM	10	7019	2	0	2	-	-	damaging
TGM3	20	7053	2	2	0	0.000	1.000	-
THNSL2	2	55258	2	1	1	0.000	0.989	NA
TMEM119	12	338773	2	1	1	0.240	0.571	damaging
TMEM91	19	641649	2	2	0	0.000	0.913	-
TNIP1	5	10318	2	1	1	0.020	0.999	neutral
TNIP2	4	79155	2	2	0	0.000	0.980	-
TNS1	2	7145	2	1	1	0.000	0.912	NA
TPH1	11	7166	2	1	1	0.000	NA	damaging
TRAPPC9	8	83696	2	2	0	0.000	0.997	-
TRIM15	6	89870	2	1	1	NA	NA	damaging
TRIM58	1	25893	2	2	0	0.020	0.925	-
TRPS1	8	7227	2	2	0	0.000	0.909	-
TSHR	14	7253	2	2	0	0.000	0.999	-
TTLL4	2	9654	2	2	0	0.000	0.972	-
TTLL5	14	23093	2	1	1	0.000	0.992	NA
TTYH2	17	94015	2	2	0	0.000	0.974	-
UHRF1BP1L	12	23074	2	5	0	0.000	0.999	-
UNC13C	15	440279	2	3	0	0.000	0.997	-
USP13	3	8975	2	5	0	0.000	1.000	-

VPS13C	15	54832	2	2	0	0.000	0.999	-
WBSCR17	7	64409	2	3	0	0.030	0.929	-
WDR20	14	91833	2	2	0	0.000	0.986	-
WDR75	2	84128	2	2	0	0.000	0.999	-
WFDC6	20	140870	2	1	1	0.510	NA	damaging
WNK1	12	65125	2	2	1	NA	NA	damaging
WNT16	7	51384	2	1	2	NA	NA	damaging
YTHDC2	5	64848	2	1	1	0.000	0.947	NA
YTHDF2	1	51441	2	1	1	NA	NA	damaging
ZBED4	22	9889	2	0	2	-	-	damaging
ZDBF2	2	57683	2	1	1	0.010	0.997	damaging
ZMYM1	1	79830	2	1	1	NA	0.033	damaging
ZNF446	19	55663	2	3	0	0.000	0.962	-
ZNF667	19	63934	2	2	0	0.000	0.908	-
ZNFX1	20	57169	2	1	1	NA	NA	damaging

(C) Genes showing genetic aberrations (SNVs or indels) in more than 15% of (7 or more) cancers belonging to Cluster B2 (n=42)

Gene symbol	Chromosome	National Center for Biotechnology Information (NCBI) Gene ID	Number of patients showing genetic aberrations	Number of genetic aberrations		Predicted protein function		
						SNVs <sup>1</sup>		Indels
				SNVs	Indels	SIFT	Polyphen	SIFT
TTN	2	7273	26	60	8	0.000	0.999	damaging
LRP1B	2	53353	24	40	0	0.000	0.997	-
TP53	17	7157	23	21	2	0.000	1.000	damaging
CSMD1	8	64478	18	26	2	0.010	0.998	damaging
COL11A1	1	1301	17	20	0	0.000	1.000	-
RYR2	1	6262	17	24	1	0.000	0.999	NA
MUC16	19	94025	16	18	1	0.000	0.987	NA
NRXN1	2	9378	15	20	0	0.000	1.000	-
SYNE1	6	23345	15	23	0	0.010	0.999	-
LAMA1	18	284217	14	17	2	0.030	0.997	NA
RIMS2	8	9699	14	16	0	0.000	0.998	-
DGKI	7	9162	13	15	0	0.010	0.868	-
FAT3	11	120114	13	16	0	0.000	1.000	-
RYR1	19	6261	13	19	2	0.000	0.996	NA
DNAH5	5	1767	12	20	3	0.000	0.998	damaging
FMN2	1	56776	12	15	0	0.000	0.998	-
OBSCN	1	84033	12	14	1	0.020	1.000	NA
PAPPA2	1	60676	12	16	0	0.000	0.996	-
SI	3	6476	12	14	1	0.000	0.998	NA
CUBN	10	8029	11	15	1	0.000	1.000	NA
DMD	X	1756	11	12	3	0.130	0.928	damaging
DPP10	2	57628	11	12	1	NA	NA	damaging
HMCN1	1	83872	11	17	3	0.000	1.000	damaging
NRG1	8	3084	11	14	2	0.000	0.999	NA
PCDH15	10	65217	11	16	0	0.000	1.000	-
PKHD1	6	5314	11	17	2	0.010	0.985	NA
PXDN	2	7837	11	10	1	0.000	0.999	NA
SPTA1	1	6708	11	18	1	0.050	0.714	damaging
SPTBN4	19	57731	11	12	0	0.010	0.994	-
ABCA13	7	154664	10	13	1	0.000	1.000	neutral
ABI3BP	3	25890	10	19	0	0.030	0.891	-
C5orf42	5	65250	10	8	3	0.060	0.012	damaging
CACNA1E	1	777	10	11	1	0.000	0.991	NA
DYNC2H1	11	79659	10	8	2	NA	NA	damaging
FREM2	13	341640	10	13	0	0.000	1.000	-
FSIP2	2	401024	10	9	2	0.000	0.043	damaging
GLI3	7	2737	10	11	0	0.000	0.997	-
LRFN5	14	145581	10	10	0	0.000	1.000	-
MYO18B	22	84700	10	11	2	0.000	0.999	damaging
NALCN	13	259232	10	10	1	0.000	0.999	damaging
RELN	7	5649	10	9	1	0.000	0.984	NA
SYNE2	14	23224	10	7	4	0.000	0.991	damaging
ADAMTS16	5	170690	9	14	0	0.000	1.000	-
AMPH	7	273	9	11	2	0.000	0.999	NA
ANK2	4	287	9	12	1	0.000	1.000	damaging
CACNA1B	9	774	9	10	1	0.000	0.979	NA
COL18A1	21	80781	9	7	3	0.000	0.999	damaging
DLG5	10	9231	9	11	1	0.010	0.993	damaging
DNAH2	17	146754	9	12	1	0.000	0.999	NA

<i>DOCK10</i>	2	55619	9	11	0	0.000	0.999	-
<i>DOCK2</i>	5	1794	9	9	0	0.000	0.997	-
<i>DPYS</i>	8	1807	9	8	1	0.000	0.961	NA
<i>EYS</i>	6	346007	9	9	3	0.000	0.039	damaging
<i>LAMA5</i>	20	3911	9	12	0	0.010	0.998	-
<i>NEB</i>	2	4703	9	13	1	0.000	0.999	damaging
<i>PGR</i>	11	5241	9	9	0	0.000	0.991	-
<i>PLEC</i>	8	5339	9	13	1	0.010	0.999	NA
<i>PRKDC</i>	8	5591	9	9	1	0.000	0.997	damaging
<i>PTPRT</i>	20	11122	9	7	5	0.000	0.997	damaging
<i>SNTG1</i>	8	54212	9	12	1	0.000	1.000	NA
<i>SVEP1</i>	9	79987	9	8	1	0.030	0.999	NA
<i>AFF2</i>	X	2334	8	11	0	0.000	0.999	-
<i>AP2A2</i>	11	161	8	6	2	0.000	NA	damaging
<i>ASPM</i>	1	259266	8	8	0	0.000	1.000	-
<i>ATP8A2</i>	13	51761	8	7	1	0.000	0.984	NA
<i>CDH2</i>	18	1000	8	9	0	0.000	0.866	-
<i>CDH8</i>	16	1006	8	8	0	0.000	0.987	-
<i>CNTN6</i>	3	27255	8	9	2	0.000	0.999	damaging
<i>CSMD2</i>	1	114784	8	8	0	0.030	0.999	-
<i>DPYD</i>	1	1806	8	9	1	0.000	1.000	NA
<i>EML6</i>	2	400954	8	7	1	0.140	0.999	damaging
<i>EP400</i>	12	57634	8	8	1	0.000	0.980	NA
<i>FAT2</i>	5	2196	8	12	0	0.000	1.000	-
<i>FAT4</i>	4	79633	8	8	1	0.000	0.999	NA
<i>FBN2</i>	5	2201	8	10	1	0.000	0.401	damaging
<i>FLG</i>	1	2312	8	10	1	0.010	0.859	damaging
<i>HECW1</i>	7	23072	8	10	1	0.000	0.996	NA
<i>LRP1</i>	12	4035	8	9	1	0.320	0.996	damaging
<i>PCDH11X</i>	X	27328	8	8	0	0.000	0.999	-
<i>PREX1</i>	20	57580	8	9	0	0.000	0.998	-
<i>RIMS1</i>	6	22999	8	8	1	0.000	1.000	NA
<i>SPEG</i>	2	10290	8	9	1	0.070	0.001	damaging
<i>TLL1</i>	4	7092	8	8	0	0.030	0.999	-
<i>TRPA1</i>	8	8989	8	8	3	0.000	1.000	NA
<i>ZFX4</i>	8	79776	8	9	1	0.000	0.998	damaging
<i>ADARB2</i>	10	105	7	7	0	0.010	0.967	-
<i>ADGRB1</i>	8	575	7	9	0	0.020	0.994	-
<i>ADGRV1</i>	5	84059	7	8	0	0.000	1.000	-
<i>ANKRD30A</i>	10	91074	7	9	0	0.030	0.981	-
<i>CFAP46</i>	10	54777	7	7	0	0.000	0.998	-
<i>COL5A1</i>	9	1289	7	8	1	0.040	0.850	damaging
<i>COL5A2</i>	2	1290	7	9	1	0.050	0.505	damaging
<i>COL6A3</i>	2	1293	7	7	0	0.020	0.982	-
<i>DNAH12</i>	3	201625	7	7	0	0.000	0.996	-
<i>DNAH7</i>	2	56171	7	11	1	0.010	0.987	NA
<i>DNAH8</i>	6	1769	7	10	2	0.000	1.000	damaging
<i>DNAH9</i>	17	1770	7	8	1	0.000	1.000	NA
<i>GRIN2A</i>	16	2903	7	6	1	NA	0.999	damaging
<i>GRM7</i>	3	2917	7	9	0	0.020	0.998	-
<i>HDAC9</i>	7	9734	7	8	0	0.000	0.998	-
<i>KALRN</i>	3	8997	7	11	2	0.000	0.999	NA
<i>KCND2</i>	7	3751	7	6	2	NA	0.786	damaging
<i>KIAA1109</i>	4	84162	7	8	1	0.000	0.994	NA
<i>KIRREL</i>	1	55243	7	9	0	0.000	1.000	-
<i>LPA</i>	6	4018	7	8	0	0.000	0.999	-
<i>MACF1</i>	1	23499	7	10	0	0.030	0.991	-
<i>NLGN1</i>	3	22871	7	7	1	0.000	0.997	NA
<i>RYR3</i>	15	6263	7	10	1	0.000	1.000	NA
<i>TLR4</i>	9	7099	7	7	0	0.000	1.000	-
<i>TNC</i>	9	3371	7	6	1	0.050	0.870	damaging
<i>TNS1</i>	2	7145	7	6	1	0.000	1.000	NA
<i>TRDN</i>	6	10345	7	6	2	NA	NA	damaging

NA: not applicable for the Sorting Intolerant from Tolerant (SIFT) (<https://sift.bii.a-star.edu.sg/>) or polymorphism phenotyping (PolyPhen)-2 (<http://genetics.bwh.harvard.edu/pph2/>); "-": SNVs or indels of the gene were not detected.

<sup>1</sup>Minimum SIFT score and maximum Polyphen-2 score among all detected mutations of each gene (A SIFT score of <0.05 means "damaging" and a Polyphen-2 score of >0.85 means "probably damaging") (Reds. 25 and 26).

**Supplementary Table 8A.** Copy number aberrations (CNAs) by Allele-Specific Copy Number Analysis of Tumors (ASCAT) based on single-nucleotide polymorphism microarray analysis of 66 cancerous tissue samples

Patient ID	Chromosome	Start position <sup>1</sup>	End position <sup>1</sup>	Number of major allele <sup>2</sup>	Number of minor allele <sup>2</sup>	Copy number	Loss of heterozygosity <sup>3</sup>
Case 1	1	82,154	42,284,761	2	1	3	0
Case 1	1	42,285,999	42,390,317	2	2	4	0
Case 1	1	42,397,435	121,346,616	2	1	3	0
Case 1	1	142,649,718	249,218,992	2	1	3	0
Case 1	2	18,674	6,937,849	2	1	3	0
Case 1	2	6,941,288	18,668,035	3	1	4	0
Case 1	2	18,668,523	24,856,759	3	2	5	0
Case 1	2	24,878,211	35,627,227	2	2	4	0
Case 1	2	35,634,511	36,078,157	3	1	4	0
Case 1	2	36,078,497	56,762,887	3	2	5	0
Case 1	2	56,764,646	56,983,615	2	0	2	1
Case 1	2	56,984,303	69,012,522	3	2	5	0
Case 1	2	69,013,007	75,290,700	2	2	4	0
Case 1	2	75,291,510	84,868,419	3	2	5	0
Case 1	2	84,880,445	88,625,879	2	2	4	0
Case 1	2	88,634,973	89,124,238	3	2	5	0
Case 1	2	89,125,131	92,081,640	2	2	4	0
Case 1	2	95,429,424	103,445,960	2	2	4	0
Case 1	2	103,460,719	118,318,731	3	2	5	0
Case 1	2	118,335,509	122,615,926	2	2	4	0
Case 1	2	122,616,143	124,994,170	3	2	5	0
Case 1	2	124,996,309	131,130,482	2	2	4	0
Case 1	2	131,131,525	243,048,760	2	1	3	0
Case 1	3	61,495	60,491,503	1	1	2	0
Case 1	3	60,492,136	60,780,913	1	0	1	0
Case 1	3	60,788,842	68,417,939	1	1	2	0
Case 1	3	68,426,920	68,725,295	6	1	7	0
Case 1	3	68,728,679	68,802,092	4	1	5	0
Case 1	3	68,802,349	69,125,881	6	1	7	0
Case 1	3	69,126,495	75,345,050	1	1	2	0
Case 1	3	75,353,238	75,453,294	4	2	6	0
Case 1	3	75,462,982	76,917,321	1	1	2	0
Case 1	3	76,917,552	76,972,804	1	0	1	0
Case 1	3	76,976,439	90,439,303	1	1	2	0
Case 1	3	90,442,925	90,442,925	2	1	3	0
Case 1	3	93,537,290	197,838,262	2	1	3	0
Case 1	4	71,566	127,452	3	2	5	0
Case 1	4	134,851	2,083,359	3	1	4	0
Case 1	4	2,083,438	7,475,424	2	2	4	0
Case 1	4	7,478,631	49,620,898	2	1	3	0
Case 1	4	52,697,856	72,438,028	2	1	3	0
Case 1	4	72,447,421	72,631,182	2	2	4	0
Case 1	4	72,631,218	92,421,296	2	1	3	0
Case 1	4	92,431,729	190,963,766	3	1	4	0
Case 1	5	38,139	46,399,093	4	0	4	1
Case 1	5	49,457,282	49,457,282	4	0	4	1
Case 1	5	49,470,083	65,533,655	1	0	1	0
Case 1	5	65,534,403	65,655,217	2	0	2	1
Case 1	5	65,655,412	70,990,736	1	0	1	0
Case 1	5	70,992,769	180,693,127	2	0	2	1
Case 1	6	108,666	5,312,080	1	1	2	0
Case 1	6	5,320,622	28,860,499	1	0	1	0
Case 1	6	28,863,426	28,905,791	1	1	2	0
Case 1	6	28,909,465	29,031,142	2	1	3	0
Case 1	6	29,033,053	39,987,315	1	1	2	0
Case 1	6	39,999,149	40,310,573	4	1	5	0
Case 1	6	40,310,958	40,802,261	8	0	8	1
Case 1	6	40,802,980	41,362,578	6	1	7	0

Case 1	6	41,364,110	42,478,124	5	1	6	0
Case 1	6	42,478,281	42,975,462	7	0	7	1
Case 1	6	42,976,232	44,297,772	5	0	5	1
Case 1	6	44,297,871	44,620,507	6	0	6	1
Case 1	6	44,621,993	44,651,735	5	1	6	0
Case 1	6	44,655,191	45,468,074	7	1	8	0
Case 1	6	45,480,010	47,247,108	4	1	5	0
Case 1	6	47,251,758	51,010,906	3	1	4	0
Case 1	6	51,014,810	58,752,089	2	1	3	0
Case 1	6	61,891,118	170,980,171	2	1	3	0
Case 1	7	44,935	98,795	2	0	2	1
Case 1	7	98,977	2,645,522	2	1	3	0
Case 1	7	2,645,552	11,022,095	3	1	4	0
Case 1	7	11,022,230	11,605,462	3	2	5	0
Case 1	7	11,607,706	19,938,943	3	1	4	0
Case 1	7	19,939,084	19,970,430	4	2	6	0
Case 1	7	19,972,439	37,689,170	3	1	4	0
Case 1	7	37,689,851	40,277,288	2	2	4	0
Case 1	7	40,284,166	43,821,453	3	1	4	0
Case 1	7	43,827,414	45,148,019	2	2	4	0
Case 1	7	45,148,545	51,152,961	3	1	4	0
Case 1	7	51,156,296	55,221,167	3	2	5	0
Case 1	7	55,221,725	58,019,061	2	2	4	0
Case 1	7	61,056,053	63,791,269	2	2	4	0
Case 1	7	63,796,171	63,910,447	2	1	3	0
Case 1	7	63,939,340	76,307,066	2	2	4	0
Case 1	7	76,309,742	79,149,775	3	2	5	0
Case 1	7	79,159,240	98,799,772	4	0	4	1
Case 1	7	98,799,972	99,659,902	7	0	7	1
Case 1	7	99,659,903	99,740,717	5	0	5	1
Case 1	7	99,745,399	128,200,152	3	0	3	1
Case 1	7	128,307,573	128,517,183	4	0	4	1
Case 1	7	128,518,631	129,441,536	3	0	3	1
Case 1	7	129,444,951	135,211,446	4	0	4	1
Case 1	7	135,213,352	138,669,367	5	0	5	1
Case 1	7	138,673,567	140,301,971	6	0	6	1
Case 1	7	140,301,990	141,101,902	8	0	8	1
Case 1	7	141,106,552	159,119,486	2	0	2	1
Case 1	8	164,984	9,775,516	1	1	2	0
Case 1	8	9,781,492	10,755,560	5	1	6	0
Case 1	8	10,755,724	13,925,268	3	1	4	0
Case 1	8	13,937,395	19,039,163	2	1	3	0
Case 1	8	19,039,642	19,177,772	1	1	2	0
Case 1	8	19,189,125	43,791,691	2	1	3	0
Case 1	8	46,886,735	99,109,800	2	1	3	0
Case 1	8	99,110,123	142,713,568	2	2	4	0
Case 1	8	142,715,006	146,293,414	2	1	3	0
Case 1	9	46,587	46,944,322	2	0	2	1
Case 1	9	65,629,772	141,066,491	3	0	3	1
Case 1	10	98,087	39,097,912	2	1	3	0
Case 1	10	42,436,301	77,081,848	2	1	3	0
Case 1	10	77,105,739	77,231,608	1	0	1	0
Case 1	10	77,249,629	135,477,883	2	1	3	0
Case 1	11	193,146	50,697,498	2	0	2	1
Case 1	11	51,095,992	51,591,253	2	1	3	0
Case 1	11	54,794,237	68,506,246	2	1	3	0
Case 1	11	68,509,835	68,660,364	3	1	4	0
Case 1	11	68,660,393	104,497,607	2	1	3	0
Case 1	11	104,504,416	105,168,942	2	0	2	1
Case 1	11	105,200,258	113,317,973	2	1	3	0
Case 1	11	113,320,419	113,591,832	5	1	6	0

Case 1	11	113,599,224	114,115,641	6	1	7	0
Case 1	11	114,117,921	134,934,063	2	0	2	1
Case 1	12	191,619	3,409,211	2	1	3	0
Case 1	12	3,411,438	4,734,970	2	0	2	1
Case 1	12	4,735,742	12,137,129	2	1	3	0
Case 1	12	12,139,231	14,804,936	2	0	2	1
Case 1	12	14,809,278	34,853,011	2	1	3	0
Case 1	12	37,876,400	43,777,753	2	1	3	0
Case 1	12	43,782,585	133,810,935	2	0	2	1
Case 1	13	19,058,717	115,103,529	3	0	3	1
Case 1	14	19,280,733	20,432,664	4	0	4	1
Case 1	14	20,443,751	22,215,075	3	0	3	1
Case 1	14	22,220,569	22,970,327	4	0	4	1
Case 1	14	22,972,815	54,560,096	3	0	3	1
Case 1	14	54,574,131	75,754,010	2	0	2	1
Case 1	14	75,755,192	75,959,341	4	0	4	1
Case 1	14	75,960,536	107,287,663	2	0	2	1
Case 1	15	20,034,919	102,461,162	2	1	3	0
Case 1	16	88,165	5,576,244	2	1	3	0
Case 1	16	5,576,273	22,713,612	2	2	4	0
Case 1	16	22,714,078	35,285,582	2	1	3	0
Case 1	16	46,450,037	87,349,333	3	1	4	0
Case 1	16	87,350,773	90,274,695	2	1	3	0
Case 1	17	11,885	4,109,722	2	0	2	1
Case 1	17	4,111,325	4,240,629	1	0	1	0
Case 1	17	4,242,178	16,282,454	2	0	2	1
Case 1	17	16,286,908	22,242,355	2	1	3	0
Case 1	17	25,268,142	25,713,138	2	1	3	0
Case 1	17	25,725,605	25,875,342	3	1	4	0
Case 1	17	25,879,352	34,443,811	2	1	3	0
Case 1	17	34,445,325	34,476,396	3	2	5	0
Case 1	17	34,597,521	81,060,040	2	1	3	0
Case 1	18	87,505	9,619,805	1	1	2	0
Case 1	18	9,623,036	9,886,615	2	1	3	0
Case 1	18	9,886,619	15,375,878	1	1	2	0
Case 1	18	18,520,354	20,683,093	1	1	2	0
Case 1	18	20,691,263	20,824,373	2	1	3	0
Case 1	18	20,828,972	78,015,180	1	1	2	0
Case 1	19	260,912	24,629,285	1	1	2	0
Case 1	19	27,732,159	45,652,079	1	1	2	0
Case 1	19	45,655,303	59,097,160	2	1	3	0
Case 1	20	63,244	5,340,447	2	2	4	0
Case 1	20	5,343,385	9,181,662	3	2	5	0
Case 1	20	9,184,660	25,610,457	2	2	4	0
Case 1	20	25,628,668	26,293,985	3	2	5	0
Case 1	20	29,425,357	46,208,605	3	2	5	0
Case 1	20	46,228,667	50,477,307	3	1	4	0
Case 1	20	50,480,790	54,238,237	4	2	6	0
Case 1	20	54,239,617	59,093,065	3	2	5	0
Case 1	20	59,094,459	59,157,463	4	2	6	0
Case 1	20	59,163,094	60,131,514	3	2	5	0
Case 1	20	60,136,084	62,948,788	2	2	4	0
Case 1	21	10,827,533	10,971,337	2	0	2	1
Case 1	21	14,368,320	48,100,155	2	0	2	1
Case 1	22	16,114,244	51,195,728	2	1	3	0
Case 1	X	2,700,157	58,488,110	2	0	2	1
Case 1	X	61,694,576	154,898,561	2	0	2	1
Case 2	1	82,154	3,842,112	4	1	5	0
Case 2	1	3,996,946	7,338,813	5	1	6	0
Case 2	1	7,342,106	7,567,346	5	2	7	0
Case 2	1	7,567,618	17,273,371	5	1	6	0

Case 2	1	17,281,235	79,350,364	3	2	5	0
Case 2	1	79,353,399	94,441,950	3	1	4	0
Case 2	1	94,442,739	96,309,286	3	2	5	0
Case 2	1	96,316,702	107,817,550	3	1	4	0
Case 2	1	107,818,604	121,346,616	3	2	5	0
Case 2	1	142,649,718	145,095,477	4	2	6	0
Case 2	1	145,101,177	173,268,672	5	1	6	0
Case 2	1	173,270,649	173,381,535	6	2	8	0
Case 2	1	173,381,640	177,383,443	5	1	6	0
Case 2	1	177,384,036	190,533,700	6	1	7	0
Case 2	1	190,543,311	200,692,665	7	1	8	0
Case 2	1	200,703,541	208,644,820	6	1	7	0
Case 2	1	208,646,090	228,109,637	7	1	8	0
Case 2	1	228,110,064	238,432,884	6	1	7	0
Case 2	1	238,432,940	247,241,668	7	1	8	0
Case 2	1	247,250,589	247,262,367	9	2	11	0
Case 2	1	247,262,625	249,218,992	6	1	7	0
Case 2	2	18,674	5,635,976	3	2	5	0
Case 2	2	5,636,444	5,708,764	2	2	4	0
Case 2	2	5,711,395	92,081,640	3	2	5	0
Case 2	2	95,429,424	187,167,278	3	2	5	0
Case 2	2	187,210,847	187,754,997	5	2	7	0
Case 2	2	187,775,780	243,048,760	3	2	5	0
Case 2	3	61,495	46,755,841	4	1	5	0
Case 2	3	46,755,875	47,518,266	5	0	5	1
Case 2	3	47,528,193	52,809,996	4	1	5	0
Case 2	3	52,810,333	59,920,004	4	2	6	0
Case 2	3	59,920,697	60,189,471	3	2	5	0
Case 2	3	60,192,208	60,280,743	4	1	5	0
Case 2	3	60,283,702	60,364,830	4	2	6	0
Case 2	3	60,370,362	60,571,772	3	0	3	1
Case 2	3	60,572,073	61,168,215	4	2	6	0
Case 2	3	61,176,788	61,253,045	3	1	4	0
Case 2	3	61,253,495	61,706,745	4	2	6	0
Case 2	3	61,708,608	61,853,342	4	1	5	0
Case 2	3	61,853,529	68,452,616	4	2	6	0
Case 2	3	68,453,623	68,478,646	5	2	7	0
Case 2	3	68,480,290	90,417,760	4	2	6	0
Case 2	3	90,428,286	90,442,925	5	2	7	0
Case 2	3	93,537,290	97,719,222	5	2	7	0
Case 2	3	97,721,299	101,220,400	5	1	6	0
Case 2	3	101,231,731	121,251,934	5	0	5	1
Case 2	3	121,252,048	155,505,597	5	1	6	0
Case 2	3	155,518,043	174,243,684	5	2	7	0
Case 2	3	174,245,721	174,504,462	7	2	9	0
Case 2	3	174,506,772	174,563,022	6	4	10	0
Case 2	3	174,563,280	176,138,839	6	2	8	0
Case 2	3	176,149,354	184,322,950	3	2	5	0
Case 2	3	184,326,485	184,549,539	3	1	4	0
Case 2	3	184,550,501	190,345,165	4	0	4	1
Case 2	3	190,347,523	192,423,862	3	0	3	1
Case 2	3	192,424,298	195,308,171	4	0	4	1
Case 2	3	195,310,679	195,823,775	3	1	4	0
Case 2	3	195,827,205	196,743,993	3	2	5	0
Case 2	3	196,743,994	197,838,262	3	1	4	0
Case 2	4	71,566	2,294,746	3	0	3	1
Case 2	4	2,297,550	6,544,606	4	0	4	1
Case 2	4	6,546,433	10,424,323	5	0	5	1
Case 2	4	10,432,402	18,670,019	4	0	4	1
Case 2	4	18,682,975	20,841,386	3	0	3	1
Case 2	4	20,843,206	27,409,678	4	0	4	1

Case 2	4	27,412,242	35,538,439	3	0	3	1
Case 2	4	35,554,589	37,336,553	7	3	10	0
Case 2	4	37,336,803	39,409,066	6	2	8	0
Case 2	4	39,414,993	40,905,726	10	2	12	0
Case 2	4	40,913,247	43,115,315	4	0	4	1
Case 2	4	43,124,710	47,350,872	3	0	3	1
Case 2	4	47,356,566	49,620,898	4	0	4	1
Case 2	4	52,697,856	58,671,636	4	0	4	1
Case 2	4	58,674,284	71,045,118	3	0	3	1
Case 2	4	71,046,288	91,516,422	4	0	4	1
Case 2	4	91,524,285	91,606,389	6	0	6	1
Case 2	4	91,607,363	124,316,684	3	0	3	1
Case 2	4	124,320,924	128,063,104	5	0	5	1
Case 2	4	128,064,562	155,351,627	5	2	7	0
Case 2	4	155,354,916	155,786,387	2	1	3	0
Case 2	4	155,790,646	155,947,430	7	2	9	0
Case 2	4	155,951,509	160,607,399	9	1	10	0
Case 2	4	160,609,723	190,963,766	2	1	3	0
Case 2	5	38,139	11,597,332	8	0	8	1
Case 2	5	11,599,392	13,598,206	10	0	10	1
Case 2	5	13,601,207	17,415,197	9	0	9	1
Case 2	5	17,418,256	29,779,148	10	0	10	1
Case 2	5	29,780,433	40,497,604	9	0	9	1
Case 2	5	40,520,217	46,399,093	12	0	12	1
Case 2	5	49,457,282	58,313,560	4	0	4	1
Case 2	5	58,317,865	58,511,501	0	0	0	0
Case 2	5	58,515,481	66,466,279	4	0	4	1
Case 2	5	66,473,092	73,971,777	5	0	5	1
Case 2	5	73,973,651	151,931,892	4	0	4	1
Case 2	5	151,939,650	153,638,793	6	0	6	1
Case 2	5	153,645,178	180,693,127	4	0	4	1
Case 2	6	108,666	31,319,355	5	2	7	0
Case 2	6	31,320,538	44,671,471	4	2	6	0
Case 2	6	44,674,614	58,752,089	5	2	7	0
Case 2	6	61,891,118	104,403,825	5	2	7	0
Case 2	6	104,407,049	104,501,198	4	2	6	0
Case 2	6	104,503,032	170,980,171	5	2	7	0
Case 2	7	44,935	7,031,261	3	2	5	0
Case 2	7	7,040,309	9,587,536	2	2	4	0
Case 2	7	9,591,668	12,418,638	3	2	5	0
Case 2	7	12,418,964	12,428,803	2	2	4	0
Case 2	7	12,429,488	57,513,009	3	2	5	0
Case 2	7	57,517,019	58,019,061	3	1	4	0
Case 2	7	61,056,053	62,662,471	3	1	4	0
Case 2	7	62,675,942	70,434,205	3	2	5	0
Case 2	7	70,449,956	70,788,156	2	0	2	1
Case 2	7	70,798,935	159,119,486	3	2	5	0
Case 2	8	164,984	2,354,194	8	1	9	0
Case 2	8	2,355,745	5,206,751	9	1	10	0
Case 2	8	5,207,483	6,755,820	8	1	9	0
Case 2	8	6,760,142	10,751,709	7	2	9	0
Case 2	8	10,754,511	11,477,956	10	1	11	0
Case 2	8	11,479,356	11,503,979	14	0	14	1
Case 2	8	11,504,919	12,483,094	12	0	12	1
Case 2	8	12,494,265	43,791,691	5	2	7	0
Case 2	8	46,886,735	47,741,619	5	2	7	0
Case 2	8	47,757,290	75,941,664	6	2	8	0
Case 2	8	75,945,850	76,492,185	7	2	9	0
Case 2	8	76,519,834	79,009,590	6	2	8	0
Case 2	8	79,013,333	80,658,272	6	1	7	0
Case 2	8	80,658,578	127,621,549	6	2	8	0



Case 2	8	127,622,258	127,696,127	6	1	7	0
Case 2	8	127,701,327	141,584,017	6	2	8	0
Case 2	8	141,587,404	146,293,414	5	2	7	0
Case 2	9	46,587	46,944,322	3	1	4	0
Case 2	9	65,629,772	141,066,491	3	1	4	0
Case 2	10	98,087	38,995,349	5	2	7	0
Case 2	10	39,011,138	39,097,912	6	1	7	0
Case 2	10	42,436,301	42,794,125	6	1	7	0
Case 2	10	42,794,377	95,102,221	5	2	7	0
Case 2	10	95,102,371	134,261,811	4	2	6	0
Case 2	10	134,267,284	135,477,883	5	2	7	0
Case 2	11	193,146	1,581,028	4	1	5	0
Case 2	11	1,607,346	1,642,602	3	0	3	1
Case 2	11	1,643,728	20,298,798	4	1	5	0
Case 2	11	20,299,460	20,534,286	3	1	4	0
Case 2	11	20,537,099	29,800,723	4	1	5	0
Case 2	11	29,800,788	41,845,688	3	1	4	0
Case 2	11	41,852,664	51,591,253	4	1	5	0
Case 2	11	54,794,237	88,520,396	4	1	5	0
Case 2	11	88,522,049	91,390,397	3	1	4	0
Case 2	11	91,407,305	95,931,485	4	1	5	0
Case 2	11	95,933,123	100,210,323	3	1	4	0
Case 2	11	100,214,691	134,934,063	4	1	5	0
Case 2	12	191,619	34,853,011	3	2	5	0
Case 2	12	37,876,400	84,165,561	3	2	5	0
Case 2	12	84,166,302	84,229,254	3	1	4	0
Case 2	12	84,231,077	133,810,935	3	2	5	0
Case 2	13	19,058,717	21,612,791	3	2	5	0
Case 2	13	21,620,085	22,105,533	2	1	3	0
Case 2	13	22,115,822	44,826,508	3	3	6	0
Case 2	13	44,826,634	50,589,718	3	2	5	0
Case 2	13	50,589,768	50,811,155	3	1	4	0
Case 2	13	50,811,220	115,103,529	3	2	5	0
Case 2	14	19,280,733	20,444,162	4	1	5	0
Case 2	14	20,444,182	26,426,467	3	2	5	0
Case 2	14	26,428,398	97,071,607	2	2	4	0
Case 2	14	97,072,049	97,173,393	3	2	5	0
Case 2	14	97,173,569	107,287,663	2	2	4	0
Case 2	15	20,034,919	46,181,244	2	2	4	0
Case 2	15	46,195,108	57,608,311	2	1	3	0
Case 2	15	57,608,692	57,842,519	2	2	4	0
Case 2	15	57,843,391	102,461,162	2	1	3	0
Case 2	16	88,165	35,285,582	4	0	4	1
Case 2	16	46,450,037	78,829,493	4	0	4	1
Case 2	16	78,829,975	78,842,778	1	0	1	0
Case 2	16	78,843,942	90,274,695	4	0	4	1
Case 2	17	11,885	674,696	3	0	3	1
Case 2	17	677,226	793,117	4	0	4	1
Case 2	17	796,091	1,084,331	6	0	6	1
Case 2	17	1,084,729	22,242,355	4	0	4	1
Case 2	17	25,268,142	25,268,142	4	0	4	1
Case 2	17	25,295,032	34,436,532	6	0	6	1
Case 2	17	34,436,708	48,046,960	5	1	6	0
Case 2	17	48,046,963	79,587,635	6	0	6	1
Case 2	17	79,596,811	80,004,050	3	0	3	1
Case 2	17	80,004,769	81,060,040	6	0	6	1
Case 2	18	87,505	1,065,924	3	0	3	1
Case 2	18	1,078,002	2,822,545	2	0	2	1
Case 2	18	2,825,377	3,997,976	3	0	3	1
Case 2	18	3,998,799	4,971,659	2	0	2	1
Case 2	18	4,976,160	8,031,623	3	0	3	1

Case 2	18	8,034,941	9,869,011	8	0	8	1
Case 2	18	9,869,865	10,581,304	6	0	6	1
Case 2	18	10,590,943	10,832,851	4	0	4	1
Case 2	18	10,834,568	12,104,638	7	0	7	1
Case 2	18	12,107,012	13,640,802	9	0	9	1
Case 2	18	13,642,721	14,090,271	7	0	7	1
Case 2	18	14,090,403	15,375,878	4	0	4	1
Case 2	18	18,520,354	19,155,511	4	0	4	1
Case 2	18	19,156,645	19,814,796	6	0	6	1
Case 2	18	19,823,874	20,138,106	5	0	5	1
Case 2	18	20,146,740	20,977,523	7	0	7	1
Case 2	18	20,996,401	24,461,018	3	0	3	1
Case 2	18	24,462,611	28,145,331	2	0	2	1
Case 2	18	28,148,384	35,719,478	3	0	3	1
Case 2	18	35,720,709	42,240,410	2	0	2	1
Case 2	18	42,240,598	61,910,040	3	0	3	1
Case 2	18	61,917,239	67,360,455	2	0	2	1
Case 2	18	67,363,195	68,157,794	3	0	3	1
Case 2	18	68,166,567	70,302,321	2	0	2	1
Case 2	18	70,304,838	78,015,180	3	0	3	1
Case 2	19	260,912	24,629,285	3	1	4	0
Case 2	19	27,732,159	59,097,160	3	1	4	0
Case 2	20	63,244	9,920,824	4	2	6	0
Case 2	20	9,925,555	13,199,299	3	2	5	0
Case 2	20	13,204,935	13,565,291	4	2	6	0
Case 2	20	13,582,476	14,066,373	4	3	7	0
Case 2	20	14,070,869	15,818,280	4	2	6	0
Case 2	20	15,819,495	17,433,598	5	2	7	0
Case 2	20	17,436,473	18,226,696	4	2	6	0
Case 2	20	18,227,170	19,255,800	6	2	8	0
Case 2	20	19,256,240	26,293,985	4	2	6	0
Case 2	20	29,425,357	62,948,788	4	2	6	0
Case 2	21	10,827,533	10,971,337	3	0	3	1
Case 2	21	14,368,320	20,773,681	3	0	3	1
Case 2	21	20,779,299	21,150,015	0	0	0	0
Case 2	21	21,168,116	26,386,200	3	0	3	1
Case 2	21	26,392,671	38,428,649	4	0	4	1
Case 2	21	38,429,389	48,100,155	3	0	3	1
Case 2	22	16,114,244	21,423,933	2	2	4	0
Case 2	22	21,424,414	22,599,549	2	1	3	0
Case 2	22	22,599,607	51,195,728	2	2	4	0
Case 2	X	2,700,157	58,488,110	3	1	4	0
Case 2	X	61,694,576	154,898,561	3	1	4	0
Case 4	1	82,154	121,346,616	1	1	2	0
Case 4	1	142,649,718	249,218,992	1	1	2	0
Case 4	2	18,674	92,081,640	1	1	2	0
Case 4	2	95,429,424	205,172,592	1	1	2	0
Case 4	2	205,177,507	205,525,273	2	1	3	0
Case 4	2	205,536,648	243,048,760	1	1	2	0
Case 4	3	61,495	60,337,651	1	1	2	0
Case 4	3	60,340,650	60,358,517	1	0	1	0
Case 4	3	60,360,747	60,523,330	0	0	0	0
Case 4	3	60,531,242	60,631,936	1	0	1	0
Case 4	3	60,636,061	90,442,925	1	1	2	0
Case 4	3	93,537,290	197,838,262	1	1	2	0
Case 4	4	71,566	49,620,898	1	1	2	0
Case 4	4	52,697,856	151,547,243	1	1	2	0
Case 4	4	151,574,839	151,887,280	1	0	1	0
Case 4	4	151,901,433	190,963,766	1	1	2	0
Case 4	5	38,139	32,101,318	1	1	2	0
Case 4	5	32,101,400	32,159,517	2	1	3	0

Case 4	5	32,169,547	46,399,093	1	1	2	0
Case 4	5	49,457,282	178,724,727	1	1	2	0
Case 4	5	178,730,062	178,935,665	2	1	3	0
Case 4	5	178,936,722	180,693,127	1	1	2	0
Case 4	6	108,666	45,339,067	2	0	2	1
Case 4	6	45,349,497	58,752,089	1	1	2	0
Case 4	6	61,891,118	170,980,171	1	1	2	0
Case 4	7	44,935	58,019,061	1	1	2	0
Case 4	7	61,056,053	153,478,281	1	1	2	0
Case 4	7	153,485,627	153,670,448	2	1	3	0
Case 4	7	153,696,268	159,119,486	1	1	2	0
Case 4	8	164,984	43,052,839	2	0	2	1
Case 4	8	43,053,000	43,791,691	1	1	2	0
Case 4	8	46,886,735	146,293,414	1	1	2	0
Case 4	9	46,587	46,944,322	1	1	2	0
Case 4	9	65,629,772	141,066,491	1	1	2	0
Case 4	10	98,087	39,097,912	1	1	2	0
Case 4	10	42,436,301	75,051,708	1	1	2	0
Case 4	10	75,056,863	110,093,190	2	0	2	1
Case 4	10	110,108,512	110,216,429	3	0	3	1
Case 4	10	110,221,750	135,477,883	2	0	2	1
Case 4	11	193,146	51,591,253	1	1	2	0
Case 4	11	54,794,237	134,934,063	1	1	2	0
Case 4	12	191,619	34,853,011	1	1	2	0
Case 4	12	37,876,400	133,810,935	1	1	2	0
Case 4	13	19,058,717	115,103,529	1	1	2	0
Case 4	14	19,280,733	22,590,996	1	1	2	0
Case 4	14	22,591,988	22,964,782	2	1	3	0
Case 4	14	22,966,662	107,287,663	1	1	2	0
Case 4	15	20,034,919	102,461,162	1	1	2	0
Case 4	16	88,165	35,285,582	1	1	2	0
Case 4	16	46,450,037	78,952,439	1	1	2	0
Case 4	16	78,953,857	79,235,804	2	1	3	0
Case 4	16	79,236,908	90,274,695	1	1	2	0
Case 4	17	11,885	22,242,355	1	1	2	0
Case 4	17	25,268,142	34,443,811	1	1	2	0
Case 4	17	34,445,325	34,597,521	2	1	3	0
Case 4	17	34,815,551	81,060,040	1	1	2	0
Case 4	18	87,505	15,375,878	1	1	2	0
Case 4	18	18,520,354	25,978,719	1	1	2	0
Case 4	18	26,010,927	78,015,180	1	0	1	0
Case 4	19	260,912	24,629,285	1	1	2	0
Case 4	19	27,732,159	59,097,160	1	1	2	0
Case 4	20	63,244	26,293,985	1	1	2	0
Case 4	20	29,425,357	62,948,788	1	1	2	0
Case 4	21	10,827,533	10,971,337	1	1	2	0
Case 4	21	14,368,320	48,100,155	1	1	2	0
Case 4	22	16,114,244	26,773,254	1	1	2	0
Case 4	22	26,774,580	51,195,728	2	0	2	1
Case 4	X	2,700,157	58,488,110	1	0	1	0
Case 4	X	61,694,576	154,898,561	1	0	1	0
Case 6	1	82,154	121,346,616	1	1	2	0
Case 6	1	142,649,718	249,218,992	1	1	2	0
Case 6	2	18,674	92,081,640	1	1	2	0
Case 6	2	95,429,424	243,048,760	1	1	2	0
Case 6	3	61,495	90,442,925	1	1	2	0
Case 6	3	93,537,290	197,838,262	1	1	2	0
Case 6	4	71,566	49,620,898	1	1	2	0
Case 6	4	52,697,856	190,963,766	1	1	2	0
Case 6	5	38,139	46,399,093	1	1	2	0
Case 6	5	49,457,282	180,693,127	1	1	2	0

Case 6	6	108,666	58,752,089	1	1	2	0
Case 6	6	61,891,118	170,980,171	1	1	2	0
Case 6	7	44,935	17,407,061	1	1	2	0
Case 6	7	17,425,895	17,472,677	2	1	3	0
Case 6	7	17,475,607	58,019,061	1	1	2	0
Case 6	7	61,056,053	159,119,486	1	1	2	0
Case 6	8	164,984	43,791,691	1	1	2	0
Case 6	8	46,886,735	146,293,414	1	1	2	0
Case 6	9	46,587	46,944,322	1	1	2	0
Case 6	9	65,629,772	141,066,491	1	1	2	0
Case 6	10	98,087	39,097,912	1	1	2	0
Case 6	10	42,436,301	135,477,883	1	1	2	0
Case 6	11	193,146	51,591,253	1	1	2	0
Case 6	11	54,794,237	134,934,063	1	1	2	0
Case 6	12	191,619	34,853,011	1	1	2	0
Case 6	12	37,876,400	133,810,935	1	1	2	0
Case 6	13	19,058,717	115,103,529	1	1	2	0
Case 6	14	19,280,733	107,287,663	1	1	2	0
Case 6	15	20,034,919	102,461,162	1	1	2	0
Case 6	16	88,165	35,285,582	1	1	2	0
Case 6	16	46,450,037	90,274,695	1	1	2	0
Case 6	17	11,885	22,242,355	1	1	2	0
Case 6	17	25,268,142	81,060,040	1	1	2	0
Case 6	18	87,505	15,375,878	1	1	2	0
Case 6	18	18,520,354	78,015,180	1	1	2	0
Case 6	19	260,912	24,629,285	1	1	2	0
Case 6	19	27,732,159	59,097,160	1	1	2	0
Case 6	20	63,244	26,293,985	1	1	2	0
Case 6	20	29,425,357	62,948,788	1	1	2	0
Case 6	21	10,827,533	10,971,337	1	1	2	0
Case 6	21	14,368,320	48,100,155	1	1	2	0
Case 6	22	16,114,244	51,195,728	1	1	2	0
Case 6	X	2,700,157	58,488,110	1	0	1	0
Case 6	X	61,694,576	154,898,561	1	0	1	0
Case 14	1	82,154	1,731,756	2	1	3	0
Case 14	1	1,745,726	8,982,906	3	0	3	1
Case 14	1	8,983,768	61,368,719	2	1	3	0
Case 14	1	61,368,955	61,409,238	3	2	5	0
Case 14	1	61,409,566	67,937,751	2	1	3	0
Case 14	1	67,941,167	68,364,218	3	2	5	0
Case 14	1	68,366,925	110,950,462	2	1	3	0
Case 14	1	110,950,485	111,041,925	2	2	4	0
Case 14	1	111,044,227	121,346,616	2	1	3	0
Case 14	1	142,649,718	154,450,730	2	1	3	0
Case 14	1	154,451,420	164,666,253	3	2	5	0
Case 14	1	164,666,940	164,730,178	4	2	6	0
Case 14	1	164,732,727	179,695,998	3	2	5	0
Case 14	1	179,700,133	179,790,518	2	1	3	0
Case 14	1	179,794,602	233,160,950	3	2	5	0
Case 14	1	233,161,822	233,256,280	3	1	4	0
Case 14	1	233,262,943	235,710,276	3	2	5	0
Case 14	1	235,714,162	236,143,898	2	1	3	0
Case 14	1	236,144,754	240,402,395	2	2	4	0
Case 14	1	240,403,189	240,666,156	2	0	2	1
Case 14	1	240,666,644	242,121,796	2	2	4	0
Case 14	1	242,127,836	242,332,289	1	1	2	0
Case 14	1	242,342,504	242,531,619	2	2	4	0
Case 14	1	242,531,654	242,578,674	2	1	3	0
Case 14	1	242,580,359	243,119,242	2	2	4	0
Case 14	1	243,147,031	243,609,927	3	2	5	0
Case 14	1	243,613,748	244,149,760	2	0	2	1

Case 14	1	244,150,083	245,819,228	2	2	4	0
Case 14	1	245,822,899	245,932,939	3	2	5	0
Case 14	1	245,936,738	247,715,998	2	0	2	1
Case 14	1	247,719,377	248,059,798	3	2	5	0
Case 14	1	248,059,856	249,218,992	2	2	4	0
Case 14	2	18,674	5,560,403	2	2	4	0
Case 14	2	5,564,064	5,583,563	3	2	5	0
Case 14	2	5,586,877	18,794,610	2	2	4	0
Case 14	2	18,795,283	18,907,874	2	1	3	0
Case 14	2	18,914,751	38,302,361	2	2	4	0
Case 14	2	38,302,497	38,445,779	3	2	5	0
Case 14	2	38,447,523	48,566,031	2	2	4	0
Case 14	2	48,579,778	48,604,978	2	1	3	0
Case 14	2	48,610,367	92,081,640	2	2	4	0
Case 14	2	95,429,424	169,002,934	2	2	4	0
Case 14	2	169,004,125	169,519,631	3	2	5	0
Case 14	2	169,527,132	241,699,883	2	2	4	0
Case 14	2	241,708,675	242,066,796	2	1	3	0
Case 14	2	242,066,830	243,048,760	2	2	4	0
Case 14	3	61,495	3,276,014	2	1	3	0
Case 14	3	3,277,275	5,907,990	3	1	4	0
Case 14	3	5,913,291	6,389,075	3	0	3	1
Case 14	3	6,389,368	17,196,846	3	1	4	0
Case 14	3	17,198,623	23,871,730	2	1	3	0
Case 14	3	23,873,602	25,605,101	3	1	4	0
Case 14	3	25,605,886	29,925,518	2	1	3	0
Case 14	3	29,928,319	31,488,222	3	1	4	0
Case 14	3	31,489,457	36,311,133	2	1	3	0
Case 14	3	36,311,231	60,337,651	3	1	4	0
Case 14	3	60,340,650	60,562,113	1	1	2	0
Case 14	3	60,562,327	60,689,476	2	0	2	1
Case 14	3	60,691,605	60,830,545	2	1	3	0
Case 14	3	60,838,518	61,253,495	1	1	2	0
Case 14	3	61,262,149	74,364,811	3	1	4	0
Case 14	3	74,365,556	90,442,925	2	1	3	0
Case 14	3	93,537,290	99,005,053	2	1	3	0
Case 14	3	99,006,939	143,421,221	3	1	4	0
Case 14	3	143,421,571	148,476,957	2	1	3	0
Case 14	3	148,477,713	150,257,082	3	1	4	0
Case 14	3	150,259,668	163,917,341	2	1	3	0
Case 14	3	163,922,738	163,983,338	2	0	2	1
Case 14	3	163,994,508	167,635,818	2	1	3	0
Case 14	3	167,635,899	190,253,665	3	1	4	0
Case 14	3	190,255,192	192,079,832	2	1	3	0
Case 14	3	192,079,951	194,414,147	3	1	4	0
Case 14	3	194,415,887	194,612,501	3	0	3	1
Case 14	3	194,616,355	197,838,262	2	1	3	0
Case 14	4	71,566	19,517,296	2	1	3	0
Case 14	4	19,525,991	19,684,918	1	0	1	0
Case 14	4	19,696,428	49,620,898	2	1	3	0
Case 14	4	52,697,856	74,588,938	2	1	3	0
Case 14	4	74,588,998	74,628,455	3	2	5	0
Case 14	4	74,657,255	152,826,032	2	1	3	0
Case 14	4	152,832,903	153,245,269	1	0	1	0
Case 14	4	153,252,061	161,848,243	2	1	3	0
Case 14	4	161,851,303	161,924,832	4	1	5	0
Case 14	4	161,935,342	162,243,468	2	1	3	0
Case 14	4	162,248,546	162,840,766	2	0	2	1
Case 14	4	162,841,653	164,572,108	2	1	3	0
Case 14	4	164,575,991	165,307,934	2	0	2	1
Case 14	4	165,314,229	168,442,929	2	1	3	0

Case 14	4	168,448,425	169,008,885	2	0	2	1
Case 14	4	169,011,633	171,751,059	2	1	3	0
Case 14	4	171,760,509	171,808,256	3	0	3	1
Case 14	4	171,813,412	172,864,640	2	0	2	1
Case 14	4	172,868,453	178,922,921	2	2	4	0
Case 14	4	178,933,641	179,516,915	2	1	3	0
Case 14	4	179,520,686	181,821,983	2	2	4	0
Case 14	4	181,825,165	182,009,132	4	2	6	0
Case 14	4	182,024,045	185,197,061	2	0	2	1
Case 14	4	185,203,124	185,591,481	0	0	0	0
Case 14	4	185,593,387	186,467,147	1	0	1	0
Case 14	4	186,467,810	187,195,398	3	1	4	0
Case 14	4	187,196,760	190,963,766	2	1	3	0
Case 14	5	38,139	18,863,867	3	2	5	0
Case 14	5	18,866,362	18,868,357	2	1	3	0
Case 14	5	18,877,165	18,885,615	3	2	5	0
Case 14	5	18,890,253	19,247,098	1	0	1	0
Case 14	5	19,266,101	19,291,890	3	1	4	0
Case 14	5	19,295,220	46,399,093	3	2	5	0
Case 14	5	49,457,282	58,301,611	3	2	5	0
Case 14	5	58,313,560	58,558,595	3	1	4	0
Case 14	5	58,564,232	59,398,304	3	2	5	0
Case 14	5	59,420,684	60,344,399	2	0	2	1
Case 14	5	60,356,423	76,086,795	3	2	5	0
Case 14	5	76,092,225	76,836,055	2	0	2	1
Case 14	5	76,854,563	98,994,964	3	2	5	0
Case 14	5	99,001,200	99,319,166	2	0	2	1
Case 14	5	99,325,303	109,565,377	3	2	5	0
Case 14	5	109,570,615	131,607,096	3	0	3	1
Case 14	5	131,607,721	160,627,601	4	0	4	1
Case 14	5	160,635,051	166,634,403	3	0	3	1
Case 14	5	166,649,746	169,491,247	5	0	5	1
Case 14	5	169,494,844	170,066,527	3	0	3	1
Case 14	5	170,070,942	177,894,152	5	0	5	1
Case 14	5	177,895,383	178,595,870	4	0	4	1
Case 14	5	178,604,377	180,693,127	5	0	5	1
Case 14	6	108,666	204,909	2	2	4	0
Case 14	6	205,878	32,677,440	3	2	5	0
Case 14	6	32,677,846	32,681,161	2	2	4	0
Case 14	6	32,681,277	58,752,089	3	2	5	0
Case 14	6	61,891,118	87,173,621	3	2	5	0
Case 14	6	87,174,156	163,661,513	2	2	4	0
Case 14	6	163,662,002	163,779,672	2	1	3	0
Case 14	6	163,782,827	170,138,583	2	2	4	0
Case 14	6	170,140,184	170,980,171	3	2	5	0
Case 14	7	44,935	20,032,762	4	2	6	0
Case 14	7	20,036,179	20,144,829	1	0	1	0
Case 14	7	20,147,715	20,170,125	5	2	7	0
Case 14	7	20,177,882	38,292,663	4	2	6	0
Case 14	7	38,297,145	38,358,412	5	2	7	0
Case 14	7	38,358,956	57,787,663	4	2	6	0
Case 14	7	57,789,531	58,019,061	3	1	4	0
Case 14	7	61,056,053	62,662,471	3	1	4	0
Case 14	7	62,675,942	75,309,746	4	2	6	0
Case 14	7	75,317,046	75,616,171	5	1	6	0
Case 14	7	75,616,507	83,996,546	4	2	6	0
Case 14	7	84,010,005	115,544,763	2	2	4	0
Case 14	7	115,546,486	117,823,289	3	2	5	0
Case 14	7	117,827,631	159,119,486	2	2	4	0
Case 14	8	164,984	2,354,194	5	2	7	0
Case 14	8	2,355,745	5,810,889	6	2	8	0

Case 14	8	5,815,774	13,490,995	5	2	7	0
Case 14	8	13,492,542	19,189,125	6	2	8	0
Case 14	8	19,189,757	38,971,606	5	2	7	0
Case 14	8	38,975,368	39,751,406	6	2	8	0
Case 14	8	39,769,375	43,791,691	5	2	7	0
Case 14	8	46,886,735	58,678,194	5	2	7	0
Case 14	8	58,679,518	58,779,457	6	3	9	0
Case 14	8	58,780,481	135,025,593	6	0	6	1
Case 14	8	135,026,160	135,068,340	0	0	0	0
Case 14	8	135,070,667	146,293,414	6	0	6	1
Case 14	9	46,587	46,944,322	2	2	4	0
Case 14	9	65,629,772	135,120,155	4	2	6	0
Case 14	9	135,126,458	136,991,034	2	2	4	0
Case 14	9	136,992,903	137,253,447	4	2	6	0
Case 14	9	137,256,078	141,066,491	2	2	4	0
Case 14	10	98,087	10,978,266	2	2	4	0
Case 14	10	10,982,410	10,996,596	2	1	3	0
Case 14	10	11,000,339	39,097,912	2	2	4	0
Case 14	10	42,436,301	46,159,151	2	2	4	0
Case 14	10	46,167,847	47,703,869	4	2	6	0
Case 14	10	48,047,289	68,583,924	2	2	4	0
Case 14	10	68,585,502	68,734,898	2	1	3	0
Case 14	10	68,736,018	118,963,970	2	2	4	0
Case 14	10	118,966,996	119,468,305	4	2	6	0
Case 14	10	119,471,333	135,477,883	2	2	4	0
Case 14	11	193,146	51,591,253	2	1	3	0
Case 14	11	54,794,237	134,934,063	2	1	3	0
Case 14	12	191,619	34,853,011	2	2	4	0
Case 14	12	37,876,400	38,118,144	2	2	4	0
Case 14	12	38,120,936	38,416,139	1	1	2	0
Case 14	12	38,424,982	88,811,799	2	2	4	0
Case 14	12	88,821,166	89,128,000	1	1	2	0
Case 14	12	89,154,218	101,711,341	2	2	4	0
Case 14	12	101,713,141	102,576,340	4	2	6	0
Case 14	12	102,589,900	113,672,577	2	2	4	0
Case 14	12	113,677,451	114,106,177	2	1	3	0
Case 14	12	114,114,550	133,810,935	2	2	4	0
Case 14	13	19,058,717	22,770,518	4	2	6	0
Case 14	13	22,771,301	28,115,859	3	2	5	0
Case 14	13	28,116,998	93,768,862	4	2	6	0
Case 14	13	93,774,541	93,816,293	6	2	8	0
Case 14	13	93,831,475	115,103,529	4	2	6	0
Case 14	14	19,280,733	20,425,051	4	1	5	0
Case 14	14	20,426,742	22,204,568	3	2	5	0
Case 14	14	22,204,911	22,589,341	4	2	6	0
Case 14	14	22,590,877	22,964,782	4	3	7	0
Case 14	14	22,966,662	107,287,663	3	2	5	0
Case 14	15	20,034,919	57,251,485	2	2	4	0
Case 14	15	57,257,958	57,445,710	2	1	3	0
Case 14	15	57,448,455	92,469,694	2	2	4	0
Case 14	15	92,471,689	92,535,081	3	2	5	0
Case 14	15	92,537,445	102,461,162	2	2	4	0
Case 14	16	88,165	18,026,445	2	2	4	0
Case 14	16	18,034,704	18,124,560	2	1	3	0
Case 14	16	18,129,657	35,285,582	2	2	4	0
Case 14	16	46,450,037	78,569,957	2	2	4	0
Case 14	16	78,571,750	78,757,979	2	1	3	0
Case 14	16	78,760,933	90,274,695	2	2	4	0
Case 14	17	11,885	9,267,285	3	0	3	1
Case 14	17	9,268,390	9,564,119	2	0	2	1
Case 14	17	9,565,411	11,188,372	3	0	3	1

Case 14	17	11,192,281	16,572,573	2	0	2	1
Case 14	17	16,576,609	18,819,047	3	0	3	1
Case 14	17	18,820,457	21,189,598	2	0	2	1
Case 14	17	21,198,118	21,560,916	2	1	3	0
Case 14	17	21,707,060	22,242,355	2	2	4	0
Case 14	17	25,268,142	34,436,708	2	2	4	0
Case 14	17	34,443,811	34,597,521	4	2	6	0
Case 14	17	34,815,551	37,175,135	2	2	4	0
Case 14	17	37,185,764	37,824,545	2	1	3	0
Case 14	17	37,825,929	37,902,373	11	4	15	0
Case 14	17	37,911,521	38,040,763	9	4	13	0
Case 14	17	38,049,233	38,507,261	3	1	4	0
Case 14	17	38,519,545	38,991,100	2	2	4	0
Case 14	17	38,991,257	39,087,692	3	2	5	0
Case 14	17	39,092,808	39,191,013	10	4	14	0
Case 14	17	39,191,682	39,433,211	2	1	3	0
Case 14	17	39,436,638	39,527,162	13	0	13	1
Case 14	17	39,531,402	39,724,810	3	1	4	0
Case 14	17	39,725,701	39,767,731	5	2	7	0
Case 14	17	39,773,970	40,838,154	2	1	3	0
Case 14	17	40,840,590	40,882,852	9	4	13	0
Case 14	17	40,897,470	41,096,398	3	1	4	0
Case 14	17	41,098,108	42,457,089	2	1	3	0
Case 14	17	42,457,120	43,811,260	3	2	5	0
Case 14	17	43,812,897	47,406,913	2	1	3	0
Case 14	17	47,412,242	48,537,135	3	2	5	0
Case 14	17	48,538,036	49,299,294	4	2	6	0
Case 14	17	49,310,655	49,362,681	2	0	2	1
Case 14	17	49,363,737	50,342,947	3	0	3	1
Case 14	17	50,347,364	52,863,699	2	0	2	1
Case 14	17	52,864,264	56,636,854	3	0	3	1
Case 14	17	56,636,908	57,126,712	2	0	2	1
Case 14	17	57,134,236	70,716,929	2	2	4	0
Case 14	17	70,721,707	70,905,210	2	1	3	0
Case 14	17	70,908,149	81,060,040	2	2	4	0
Case 14	18	87,505	5,985,892	3	0	3	1
Case 14	18	5,986,416	7,936,616	2	0	2	1
Case 14	18	7,944,247	15,375,878	3	0	3	1
Case 14	18	18,520,354	18,539,806	3	0	3	1
Case 14	18	18,546,896	19,355,507	2	1	3	0
Case 14	18	19,367,859	20,700,413	2	2	4	0
Case 14	18	20,709,123	21,394,409	3	0	3	1
Case 14	18	21,394,422	22,170,630	2	2	4	0
Case 14	18	22,177,459	22,329,771	2	1	3	0
Case 14	18	22,330,488	42,192,225	2	0	2	1
Case 14	18	42,192,418	46,223,842	3	0	3	1
Case 14	18	46,227,748	46,265,899	10	3	13	0
Case 14	18	46,266,174	46,545,924	13	0	13	1
Case 14	18	46,551,306	47,078,829	3	0	3	1
Case 14	18	47,083,106	47,288,632	16	0	16	1
Case 14	18	47,288,909	48,780,028	3	0	3	1
Case 14	18	48,783,342	50,961,517	2	0	2	1
Case 14	18	50,961,532	51,486,832	20	0	20	1
Case 14	18	51,487,466	51,656,039	15	0	15	1
Case 14	18	51,674,135	56,671,568	3	0	3	1
Case 14	18	56,672,598	56,744,666	14	0	14	1
Case 14	18	56,745,144	57,398,775	3	0	3	1
Case 14	18	57,405,945	58,464,082	2	0	2	1
Case 14	18	58,491,809	61,856,080	3	0	3	1
Case 14	18	61,857,065	67,360,455	2	0	2	1
Case 14	18	67,363,195	68,918,986	3	0	3	1



Case 14	18	68,925,031	71,467,900	2	0	2	1
Case 14	18	71,469,025	72,943,863	3	0	3	1
Case 14	18	72,944,256	73,267,883	3	2	5	0
Case 14	18	73,268,262	78,015,180	3	0	3	1
Case 14	19	260,912	24,629,285	2	1	3	0
Case 14	19	27,732,159	59,097,160	2	1	3	0
Case 14	20	63,244	14,665,605	3	2	5	0
Case 14	20	14,668,243	15,259,803	3	1	4	0
Case 14	20	15,260,732	26,293,985	3	2	5	0
Case 14	20	29,425,357	62,948,788	3	2	5	0
Case 14	21	10,827,533	10,971,337	2	0	2	1
Case 14	21	14,368,320	32,155,783	2	0	2	1
Case 14	21	32,169,175	48,100,155	2	1	3	0
Case 14	22	16,114,244	19,188,971	3	0	3	1
Case 14	22	19,195,680	51,195,728	3	1	4	0
Case 14	X	2,700,157	58,488,110	4	0	4	1
Case 14	X	61,694,576	90,971,456	4	0	4	1
Case 14	X	90,973,831	154,898,561	3	0	3	1
Case 16	1	82,154	121,346,616	2	1	3	0
Case 16	1	142,649,718	174,681,384	5	0	5	1
Case 16	1	174,709,679	174,983,910	1	0	1	0
Case 16	1	174,984,826	184,653,633	5	0	5	1
Case 16	1	184,655,649	200,865,768	6	0	6	1
Case 16	1	200,867,482	245,900,039	5	0	5	1
Case 16	1	245,901,545	245,908,008	0	0	0	0
Case 16	1	245,912,840	246,029,064	1	0	1	0
Case 16	1	246,030,183	246,373,295	5	0	5	1
Case 16	1	246,374,869	246,521,189	0	0	0	0
Case 16	1	246,527,984	249,218,992	5	0	5	1
Case 16	2	18,674	19,934,280	2	2	4	0
Case 16	2	19,939,783	20,240,668	3	1	4	0
Case 16	2	20,242,416	65,355,744	2	2	4	0
Case 16	2	65,364,702	65,392,042	4	2	6	0
Case 16	2	65,394,714	92,081,640	2	2	4	0
Case 16	2	95,429,424	129,427,325	2	2	4	0
Case 16	2	129,435,535	129,467,773	5	3	8	0
Case 16	2	129,471,297	134,207,106	2	2	4	0
Case 16	2	134,213,436	134,351,648	3	1	4	0
Case 16	2	134,354,099	134,529,356	3	0	3	1
Case 16	2	134,531,412	142,506,366	2	2	4	0
Case 16	2	142,509,570	142,785,189	3	2	5	0
Case 16	2	142,787,997	243,048,760	2	2	4	0
Case 16	3	61,495	24,257,608	2	1	3	0
Case 16	3	24,258,452	24,269,789	1	1	2	0
Case 16	3	24,269,818	45,030,749	2	1	3	0
Case 16	3	45,034,411	51,274,967	2	0	2	1
Case 16	3	51,308,421	60,349,304	2	1	3	0
Case 16	3	60,349,462	60,647,540	1	0	1	0
Case 16	3	60,655,448	89,265,366	2	1	3	0
Case 16	3	89,268,714	90,442,925	2	2	4	0
Case 16	3	93,537,290	197,838,262	2	2	4	0
Case 16	4	71,566	17,769,238	2	1	3	0
Case 16	4	17,780,932	20,959,057	2	0	2	1
Case 16	4	20,960,640	49,620,898	2	1	3	0
Case 16	4	52,697,856	190,963,766	2	1	3	0
Case 16	5	38,139	46,127,095	4	2	6	0
Case 16	5	46,128,475	46,399,093	5	2	7	0
Case 16	5	49,457,282	49,614,318	2	0	2	1
Case 16	5	49,624,236	150,223,387	2	1	3	0
Case 16	5	150,226,722	150,274,079	3	1	4	0
Case 16	5	150,274,374	180,693,127	2	1	3	0

Case 16	6	108,666	1,583,600	2	2	4	0
Case 16	6	1,584,384	1,935,155	2	1	3	0
Case 16	6	1,942,538	2,139,450	1	0	1	0
Case 16	6	2,145,136	29,445,495	2	2	4	0
Case 16	6	29,446,632	29,550,618	4	2	6	0
Case 16	6	29,551,861	31,271,757	2	2	4	0
Case 16	6	31,272,157	31,351,764	2	1	3	0
Case 16	6	31,352,113	58,752,089	2	2	4	0
Case 16	6	61,891,118	70,001,186	2	2	4	0
Case 16	6	70,003,389	150,067,675	2	1	3	0
Case 16	6	150,071,059	150,303,241	1	1	2	0
Case 16	6	150,303,401	170,980,171	2	1	3	0
Case 16	7	44,935	6,773,892	5	1	6	0
Case 16	7	6,779,270	8,125,989	6	1	7	0
Case 16	7	8,127,710	9,104,184	5	1	6	0
Case 16	7	9,104,637	10,796,892	6	1	7	0
Case 16	7	10,804,070	11,711,073	5	1	6	0
Case 16	7	11,725,406	13,982,420	6	1	7	0
Case 16	7	13,990,992	14,534,248	5	1	6	0
Case 16	7	14,537,224	20,120,813	6	1	7	0
Case 16	7	20,123,880	58,019,061	5	1	6	0
Case 16	7	61,056,053	61,994,170	5	1	6	0
Case 16	7	62,035,570	63,385,883	3	2	5	0
Case 16	7	63,387,484	73,724,910	3	3	6	0
Case 16	7	73,728,109	73,886,570	9	4	13	0
Case 16	7	73,889,810	78,473,591	3	3	6	0
Case 16	7	78,474,408	78,801,465	24	0	24	1
Case 16	7	78,808,948	78,974,072	21	1	22	0
Case 16	7	78,978,645	79,339,063	16	1	17	0
Case 16	7	79,341,676	80,307,224	21	0	21	1
Case 16	7	80,341,163	80,812,398	17	1	18	0
Case 16	7	80,812,792	81,195,596	15	1	16	0
Case 16	7	81,207,444	82,665,830	9	2	11	0
Case 16	7	82,673,172	83,571,278	13	1	14	0
Case 16	7	83,578,842	84,101,774	12	2	14	0
Case 16	7	84,104,060	85,571,719	6	2	8	0
Case 16	7	85,572,941	86,264,311	22	0	22	1
Case 16	7	86,284,433	86,986,421	16	1	17	0
Case 16	7	86,986,971	88,324,856	11	2	13	0
Case 16	7	88,325,106	90,057,918	8	2	10	0
Case 16	7	90,068,856	93,349,015	9	2	11	0
Case 16	7	93,350,257	94,274,361	11	1	12	0
Case 16	7	94,281,335	95,822,413	7	2	9	0
Case 16	7	95,835,862	95,986,043	11	2	13	0
Case 16	7	95,996,206	96,946,643	16	0	16	1
Case 16	7	96,950,914	97,499,082	18	0	18	1
Case 16	7	97,502,737	99,630,948	14	0	14	1
Case 16	7	99,631,342	157,485,165	3	0	3	1
Case 16	7	157,487,013	157,605,815	1	0	1	0
Case 16	7	157,625,051	159,119,486	3	0	3	1
Case 16	8	164,984	5,719,971	2	1	3	0
Case 16	8	5,723,448	5,754,333	1	0	1	0
Case 16	8	5,755,611	43,791,691	2	1	3	0
Case 16	8	46,886,735	47,173,274	2	1	3	0
Case 16	8	47,178,209	47,727,697	1	1	2	0
Case 16	8	47,732,328	69,895,021	2	1	3	0
Case 16	8	69,900,903	141,554,959	2	2	4	0
Case 16	8	141,555,862	141,675,931	2	0	2	1
Case 16	8	141,677,324	144,484,673	2	2	4	0
Case 16	8	144,494,963	146,293,414	2	1	3	0
Case 16	9	46,587	20,963,374	1	1	2	0

Case 16	9	20,966,250	21,149,963	1	0	1	0
Case 16	9	21,150,650	23,829,824	0	0	0	0
Case 16	9	23,831,031	31,951,536	1	0	1	0
Case 16	9	31,955,694	46,944,322	3	0	3	1
Case 16	9	65,629,772	141,066,491	3	0	3	1
Case 16	10	98,087	39,097,912	1	0	1	0
Case 16	10	42,436,301	42,436,301	1	0	1	0
Case 16	10	42,444,619	47,543,535	2	0	2	1
Case 16	10	47,545,692	47,646,751	4	2	6	0
Case 16	10	47,650,490	68,457,608	2	0	2	1
Case 16	10	68,457,813	69,021,287	1	0	1	0
Case 16	10	69,021,594	71,376,096	2	0	2	1
Case 16	10	71,376,535	82,510,574	3	0	3	1
Case 16	10	82,517,519	107,787,578	2	0	2	1
Case 16	10	107,806,595	109,466,526	3	0	3	1
Case 16	10	109,468,251	135,225,666	2	0	2	1
Case 16	10	135,231,994	135,477,883	4	0	4	1
Case 16	11	193,146	22,525,081	2	1	3	0
Case 16	11	22,525,721	31,941,035	1	1	2	0
Case 16	11	31,942,033	37,106,860	2	1	3	0
Case 16	11	37,108,723	42,864,284	1	1	2	0
Case 16	11	42,864,437	51,591,253	2	1	3	0
Case 16	11	54,794,237	69,231,796	2	1	3	0
Case 16	11	69,239,611	69,266,710	1	1	2	0
Case 16	11	69,269,768	95,991,138	2	1	3	0
Case 16	11	95,991,923	107,821,944	1	1	2	0
Case 16	11	107,824,835	134,934,063	2	1	3	0
Case 16	12	191,619	30,101,675	2	2	4	0
Case 16	12	30,104,142	31,168,019	3	2	5	0
Case 16	12	31,168,709	34,853,011	2	2	4	0
Case 16	12	37,876,400	37,927,114	2	2	4	0
Case 16	12	37,942,622	47,461,183	4	2	6	0
Case 16	12	47,463,575	58,417,789	3	2	5	0
Case 16	12	58,421,729	79,719,015	4	2	6	0
Case 16	12	79,724,368	85,372,417	5	2	7	0
Case 16	12	85,377,870	133,810,935	3	2	5	0
Case 16	13	19,058,717	19,771,535	2	0	2	1
Case 16	13	19,774,848	73,636,621	2	1	3	0
Case 16	13	73,636,871	73,691,236	5	2	7	0
Case 16	13	73,703,305	115,103,529	2	1	3	0
Case 16	14	19,280,733	20,444,162	3	2	5	0
Case 16	14	20,444,182	22,419,911	2	1	3	0
Case 16	14	22,420,497	23,024,564	3	1	4	0
Case 16	14	23,027,352	41,860,852	2	1	3	0
Case 16	14	41,870,230	42,876,996	1	1	2	0
Case 16	14	42,877,636	43,140,336	2	1	3	0
Case 16	14	43,140,771	44,261,060	1	1	2	0
Case 16	14	44,261,673	91,308,152	2	1	3	0
Case 16	14	91,311,045	91,572,371	2	2	4	0
Case 16	14	91,586,554	107,287,663	2	1	3	0
Case 16	15	20,034,919	54,527,299	2	1	3	0
Case 16	15	54,529,770	54,773,586	1	1	2	0
Case 16	15	54,773,742	81,881,735	2	1	3	0
Case 16	15	81,888,336	87,636,301	3	2	5	0
Case 16	15	87,638,843	89,618,803	4	2	6	0
Case 16	15	89,619,393	89,972,177	3	2	5	0
Case 16	15	89,976,563	92,571,515	4	2	6	0
Case 16	15	92,571,691	94,194,564	3	2	5	0
Case 16	15	94,201,514	102,342,004	4	2	6	0
Case 16	15	102,344,571	102,461,162	3	2	5	0
Case 16	16	88,165	3,852,776	2	2	4	0

Case 16	16	3,860,640	4,164,920	2	1	3	0
Case 16	16	4,165,032	6,792,188	2	2	4	0
Case 16	16	6,796,804	6,891,681	3	2	5	0
Case 16	16	6,892,619	32,257,633	2	2	4	0
Case 16	16	32,392,598	35,285,582	3	0	3	1
Case 16	16	46,450,037	68,395,161	3	0	3	1
Case 16	16	68,396,034	68,810,923	1	0	1	0
Case 16	16	68,814,826	78,096,632	3	0	3	1
Case 16	16	78,101,336	78,648,998	2	0	2	1
Case 16	16	78,656,489	90,274,695	3	0	3	1
Case 16	17	11,885	931,002	2	1	3	0
Case 16	17	936,300	970,413	4	1	5	0
Case 16	17	970,737	22,242,355	2	1	3	0
Case 16	17	25,268,142	81,060,040	2	1	3	0
Case 16	18	87,505	15,375,878	2	0	2	1
Case 16	18	18,520,354	78,015,180	2	0	2	1
Case 16	19	260,912	24,629,285	2	1	3	0
Case 16	19	27,732,159	59,097,160	2	1	3	0
Case 16	20	63,244	14,526,164	2	2	4	0
Case 16	20	14,530,220	14,840,502	2	1	3	0
Case 16	20	14,842,386	26,293,985	2	2	4	0
Case 16	20	29,425,357	44,955,649	2	2	4	0
Case 16	20	44,955,888	51,741,616	3	2	5	0
Case 16	20	51,744,157	52,045,306	13	0	13	1
Case 16	20	52,050,765	52,425,620	16	0	16	1
Case 16	20	52,427,319	52,660,741	15	0	15	1
Case 16	20	52,663,409	52,944,580	3	2	5	0
Case 16	20	52,948,117	53,387,775	11	5	16	0
Case 16	20	53,393,214	53,936,950	3	2	5	0
Case 16	20	53,939,607	54,813,533	15	0	15	1
Case 16	20	54,817,822	55,830,151	3	2	5	0
Case 16	20	55,871,840	56,577,581	5	1	6	0
Case 16	20	56,579,137	57,853,958	15	0	15	1
Case 16	20	57,854,010	58,047,477	10	0	10	1
Case 16	20	58,047,917	61,453,946	14	0	14	1
Case 16	20	61,458,135	62,948,788	2	0	2	1
Case 16	21	10,827,533	10,971,337	2	1	3	0
Case 16	21	14,368,320	35,313,582	2	1	3	0
Case 16	21	35,314,725	35,359,935	1	0	1	0
Case 16	21	35,360,291	36,171,613	2	1	3	0
Case 16	21	36,172,283	36,462,734	1	0	1	0
Case 16	21	36,463,296	48,100,155	2	1	3	0
Case 16	22	16,114,244	25,905,668	2	0	2	1
Case 16	22	25,908,441	28,244,191	3	0	3	1
Case 16	22	28,248,840	51,195,728	2	0	2	1
Case 16	X	2,700,157	58,488,110	1	0	1	0
Case 16	X	61,694,576	154,898,561	1	0	1	0
Case 25	1	82,154	40,462,662	2	1	3	0
Case 25	1	40,499,302	41,399,738	2	2	4	0
Case 25	1	41,402,143	92,733,546	2	1	3	0
Case 25	1	92,733,663	94,574,780	2	2	4	0
Case 25	1	94,575,043	111,607,219	2	1	3	0
Case 25	1	111,610,738	112,788,376	3	1	4	0
Case 25	1	112,788,660	118,862,669	2	1	3	0
Case 25	1	118,863,787	121,346,616	3	2	5	0
Case 25	1	142,649,718	144,894,611	3	2	5	0
Case 25	1	144,894,697	154,698,817	4	1	5	0
Case 25	1	154,700,649	154,764,715	5	1	6	0
Case 25	1	154,766,100	249,218,992	4	1	5	0
Case 25	2	18,674	29,654,953	5	0	5	1
Case 25	2	29,666,976	29,702,883	6	0	6	1

Case 25	2	29,704,715	56,544,492	5	0	5	1
Case 25	2	56,552,703	57,842,453	5	1	6	0
Case 25	2	57,845,016	57,965,893	5	0	5	1
Case 25	2	57,970,943	58,481,589	5	1	6	0
Case 25	2	58,487,267	66,423,991	5	0	5	1
Case 25	2	66,430,063	75,803,049	4	0	4	1
Case 25	2	75,804,641	83,932,640	3	0	3	1
Case 25	2	83,947,833	87,046,014	4	0	4	1
Case 25	2	87,048,630	92,081,640	5	0	5	1
Case 25	2	95,429,424	95,685,408	6	2	8	0
Case 25	2	95,687,104	105,012,664	5	2	7	0
Case 25	2	105,012,855	105,291,019	4	2	6	0
Case 25	2	105,296,110	105,540,676	5	2	7	0
Case 25	2	105,544,888	110,977,357	4	2	6	0
Case 25	2	110,980,346	120,288,038	4	1	5	0
Case 25	2	120,293,582	121,164,027	5	1	6	0
Case 25	2	121,171,678	131,349,899	4	1	5	0
Case 25	2	131,480,411	145,585,009	4	0	4	1
Case 25	2	145,588,358	186,661,602	4	1	5	0
Case 25	2	186,664,825	186,817,136	2	1	3	0
Case 25	2	186,844,579	208,687,885	4	1	5	0
Case 25	2	208,690,281	219,784,854	4	0	4	1
Case 25	2	219,816,468	224,679,435	5	0	5	1
Case 25	2	224,693,416	224,824,484	4	0	4	1
Case 25	2	224,824,567	226,299,309	5	0	5	1
Case 25	2	226,308,019	228,336,315	4	1	5	0
Case 25	2	228,343,348	228,671,423	4	0	4	1
Case 25	2	228,672,579	239,008,067	4	1	5	0
Case 25	2	239,008,203	243,048,760	5	1	6	0
Case 25	3	61,495	7,883,440	3	0	3	1
Case 25	3	7,889,657	17,989,553	4	0	4	1
Case 25	3	17,995,710	22,841,826	3	0	3	1
Case 25	3	22,858,824	34,519,341	4	0	4	1
Case 25	3	34,532,947	36,073,516	3	0	3	1
Case 25	3	36,073,790	46,724,569	4	0	4	1
Case 25	3	46,724,654	48,287,879	3	0	3	1
Case 25	3	48,297,560	60,164,829	4	0	4	1
Case 25	3	60,167,219	60,423,009	0	0	0	0
Case 25	3	60,434,122	75,379,085	4	0	4	1
Case 25	3	75,381,599	88,287,719	3	0	3	1
Case 25	3	88,296,807	90,442,925	3	2	5	0
Case 25	3	93,537,290	93,537,290	3	2	5	0
Case 25	3	93,545,404	95,600,730	4	2	6	0
Case 25	3	95,617,191	97,105,552	5	2	7	0
Case 25	3	97,140,890	123,444,811	2	2	4	0
Case 25	3	123,451,743	124,705,111	4	2	6	0
Case 25	3	124,715,526	174,860,501	2	2	4	0
Case 25	3	174,860,654	174,962,279	1	0	1	0
Case 25	3	174,966,522	175,081,967	2	2	4	0
Case 25	3	175,082,324	175,182,072	2	1	3	0
Case 25	3	175,185,060	192,291,867	2	2	4	0
Case 25	3	192,293,753	193,121,323	3	2	5	0
Case 25	3	193,121,928	197,838,262	2	2	4	0
Case 25	4	71,566	5,128,511	2	2	4	0
Case 25	4	5,128,641	21,565,822	2	1	3	0
Case 25	4	21,566,178	27,219,736	3	1	4	0
Case 25	4	27,219,806	49,620,898	2	1	3	0
Case 25	4	52,697,856	121,396,721	2	1	3	0
Case 25	4	121,397,402	145,623,107	2	2	4	0
Case 25	4	145,625,730	146,002,881	2	1	3	0
Case 25	4	146,017,185	171,544,366	2	2	4	0

Case 25	4	171,576,294	172,999,916	3	2	5	0
Case 25	4	173,001,831	173,541,374	5	2	7	0
Case 25	4	173,543,874	174,392,507	3	2	5	0
Case 25	4	174,398,324	174,459,823	3	0	3	1
Case 25	4	174,461,343	181,923,958	2	0	2	1
Case 25	4	181,925,065	188,079,777	3	0	3	1
Case 25	4	188,080,985	190,963,766	2	0	2	1
Case 25	5	38,139	46,117,770	5	2	7	0
Case 25	5	46,127,095	46,399,093	4	1	5	0
Case 25	5	49,457,282	59,152,509	2	2	4	0
Case 25	5	59,165,423	59,336,110	2	1	3	0
Case 25	5	59,360,341	92,969,334	2	2	4	0
Case 25	5	92,980,916	93,699,232	2	1	3	0
Case 25	5	93,699,673	162,318,689	2	2	4	0
Case 25	5	162,320,221	180,693,127	2	1	3	0
Case 25	6	108,666	1,863,854	3	2	5	0
Case 25	6	1,866,779	2,431,429	2	2	4	0
Case 25	6	2,437,996	17,837,734	3	2	5	0
Case 25	6	17,847,860	25,374,754	4	3	7	0
Case 25	6	25,379,926	58,752,089	3	2	5	0
Case 25	6	61,891,118	65,577,402	3	2	5	0
Case 25	6	65,578,285	135,468,891	2	2	4	0
Case 25	6	135,482,566	135,617,601	4	2	6	0
Case 25	6	135,619,996	150,897,232	2	2	4	0
Case 25	6	150,900,125	151,110,620	2	1	3	0
Case 25	6	151,112,333	162,633,271	2	2	4	0
Case 25	6	162,633,618	162,803,645	2	1	3	0
Case 25	6	162,804,504	170,980,171	2	2	4	0
Case 25	7	44,935	83,185	6	2	8	0
Case 25	7	93,811	7,169,596	4	3	7	0
Case 25	7	7,170,481	20,666,750	4	4	8	0
Case 25	7	20,668,403	38,297,145	4	3	7	0
Case 25	7	38,298,285	38,363,748	5	4	9	0
Case 25	7	38,363,929	55,968,447	4	3	7	0
Case 25	7	55,975,311	58,019,061	3	3	6	0
Case 25	7	61,056,053	62,074,781	3	3	6	0
Case 25	7	62,113,011	80,048,871	5	0	5	1
Case 25	7	80,051,323	80,100,969	5	2	7	0
Case 25	7	80,101,743	80,407,703	4	4	8	0
Case 25	7	80,407,801	80,478,992	6	1	7	0
Case 25	7	80,479,894	88,945,484	5	0	5	1
Case 25	7	88,946,197	94,368,896	4	0	4	1
Case 25	7	94,375,808	107,109,057	5	0	5	1
Case 25	7	107,112,726	107,893,220	6	0	6	1
Case 25	7	107,898,586	110,931,475	7	0	7	1
Case 25	7	110,932,630	113,863,384	8	0	8	1
Case 25	7	113,898,450	114,421,923	6	0	6	1
Case 25	7	114,425,799	115,082,872	7	0	7	1
Case 25	7	115,089,527	115,795,139	10	0	10	1
Case 25	7	115,796,254	117,739,400	17	0	17	1
Case 25	7	117,744,660	118,636,817	11	0	11	1
Case 25	7	118,645,137	119,809,612	7	0	7	1
Case 25	7	119,813,869	159,119,486	4	0	4	1
Case 25	8	164,984	30,108,170	3	1	4	0
Case 25	8	30,112,318	32,428,968	2	1	3	0
Case 25	8	32,436,875	36,530,894	3	1	4	0
Case 25	8	36,544,439	43,414,155	4	1	5	0
Case 25	8	43,447,235	43,791,691	3	0	3	1
Case 25	8	46,886,735	46,886,735	3	0	3	1
Case 25	8	46,942,842	85,683,502	8	1	9	0
Case 25	8	85,686,889	96,804,065	7	1	8	0

Case 25	8	96,804,762	104,181,000	6	2	8	0
Case 25	8	104,182,696	119,403,784	7	2	9	0
Case 25	8	119,405,522	119,480,896	7	1	8	0
Case 25	8	119,486,034	133,031,047	7	2	9	0
Case 25	8	133,033,089	136,811,545	6	2	8	0
Case 25	8	136,812,571	138,844,863	7	2	9	0
Case 25	8	138,846,091	146,293,414	6	2	8	0
Case 25	9	46,587	8,206,576	3	0	3	1
Case 25	9	8,206,769	12,818,455	2	0	2	1
Case 25	9	12,818,692	20,428,137	3	0	3	1
Case 25	9	20,430,468	26,905,703	2	0	2	1
Case 25	9	26,907,931	27,882,653	3	2	5	0
Case 25	9	27,885,011	28,458,823	8	1	9	0
Case 25	9	28,463,701	29,636,965	5	2	7	0
Case 25	9	29,639,093	36,693,098	2	2	4	0
Case 25	9	36,697,735	37,692,711	7	1	8	0
Case 25	9	37,692,733	37,974,811	5	2	7	0
Case 25	9	37,990,801	38,769,003	3	2	5	0
Case 25	9	38,770,134	46,944,322	2	1	3	0
Case 25	9	65,629,772	71,058,191	3	2	5	0
Case 25	9	71,066,165	104,433,347	2	2	4	0
Case 25	9	104,437,373	107,569,337	2	1	3	0
Case 25	9	107,570,714	125,253,682	2	2	4	0
Case 25	9	125,254,955	125,265,496	2	1	3	0
Case 25	9	125,266,798	127,781,208	2	2	4	0
Case 25	9	127,781,259	128,064,673	2	1	3	0
Case 25	9	128,064,926	141,066,491	2	2	4	0
Case 25	10	98,087	32,080,912	5	0	5	1
Case 25	10	32,081,924	32,161,486	7	0	7	1
Case 25	10	32,167,385	33,018,261	9	0	9	1
Case 25	10	33,042,613	33,451,379	11	0	11	1
Case 25	10	33,454,715	39,097,912	5	0	5	1
Case 25	10	42,436,301	42,436,301	5	0	5	1
Case 25	10	42,444,619	45,282,703	6	0	6	1
Case 25	10	45,300,460	48,366,054	5	0	5	1
Case 25	10	48,367,121	48,593,635	4	0	4	1
Case 25	10	48,603,866	50,388,598	6	0	6	1
Case 25	10	50,393,013	52,617,538	4	0	4	1
Case 25	10	52,623,433	53,317,506	3	0	3	1
Case 25	10	53,317,666	55,081,279	6	0	6	1
Case 25	10	55,093,531	58,342,829	5	0	5	1
Case 25	10	58,343,819	63,350,295	6	0	6	1
Case 25	10	63,352,842	66,734,414	7	0	7	1
Case 25	10	66,741,449	71,060,610	3	0	3	1
Case 25	10	71,064,512	73,975,593	4	0	4	1
Case 25	10	73,988,264	78,670,661	3	0	3	1
Case 25	10	78,671,776	82,472,563	4	0	4	1
Case 25	10	82,473,065	87,348,040	3	0	3	1
Case 25	10	87,357,738	88,162,682	4	0	4	1
Case 25	10	88,163,251	105,043,289	3	0	3	1
Case 25	10	105,044,157	105,154,890	2	0	2	1
Case 25	10	105,155,066	110,428,405	3	0	3	1
Case 25	10	110,435,038	118,770,693	6	0	6	1
Case 25	10	118,774,195	119,102,636	7	0	7	1
Case 25	10	119,103,471	120,448,570	6	0	6	1
Case 25	10	120,453,168	132,897,429	4	0	4	1
Case 25	10	132,901,331	133,154,069	5	0	5	1
Case 25	10	133,154,905	133,206,629	6	0	6	1
Case 25	10	133,212,223	135,477,883	4	0	4	1
Case 25	11	193,146	13,276,329	2	1	3	0
Case 25	11	13,278,027	50,296,502	2	2	4	0

Case 25	11	50,325,741	50,551,954	2	1	3	0
Case 25	11	50,566,719	51,379,204	1	0	1	0
Case 25	11	51,383,999	51,591,253	2	1	3	0
Case 25	11	54,794,237	66,700,508	2	1	3	0
Case 25	11	66,721,028	70,572,020	7	0	7	1
Case 25	11	70,573,926	71,498,902	7	1	8	0
Case 25	11	71,507,133	78,040,961	5	1	6	0
Case 25	11	78,054,336	107,134,499	6	1	7	0
Case 25	11	107,135,449	107,159,302	2	0	2	1
Case 25	11	107,167,486	110,706,265	1	0	1	0
Case 25	11	110,707,133	110,836,948	2	0	2	1
Case 25	11	110,839,870	111,140,462	1	0	1	0
Case 25	11	111,141,676	112,348,123	2	0	2	1
Case 25	11	112,359,962	113,065,293	1	0	1	0
Case 25	11	113,069,950	113,411,628	2	0	2	1
Case 25	11	113,413,565	113,913,651	1	0	1	0
Case 25	11	113,925,266	114,128,967	2	0	2	1
Case 25	11	114,129,057	114,175,276	1	0	1	0
Case 25	11	114,177,853	115,262,036	2	0	2	1
Case 25	11	115,268,121	122,376,492	4	1	5	0
Case 25	11	122,382,426	130,440,804	5	1	6	0
Case 25	11	130,445,239	130,769,033	2	0	2	1
Case 25	11	130,771,662	130,800,330	2	1	3	0
Case 25	11	130,801,649	130,890,970	1	0	1	0
Case 25	11	130,891,895	134,934,063	2	0	2	1
Case 25	12	191,619	9,899,575	3	2	5	0
Case 25	12	9,904,352	10,202,639	21	0	21	1
Case 25	12	10,205,332	10,403,650	16	0	16	1
Case 25	12	10,410,360	10,698,255	23	0	23	1
Case 25	12	10,701,992	11,603,858	17	0	17	1
Case 25	12	11,608,776	11,810,846	19	0	19	1
Case 25	12	11,812,330	11,992,106	15	0	15	1
Case 25	12	11,992,168	12,195,292	14	0	14	1
Case 25	12	12,202,173	21,761,315	3	2	5	0
Case 25	12	21,780,851	23,230,156	5	2	7	0
Case 25	12	23,238,664	26,513,100	3	2	5	0
Case 25	12	26,515,156	34,853,011	2	1	3	0
Case 25	12	37,876,400	38,155,198	2	1	3	0
Case 25	12	38,187,236	38,432,009	4	0	4	1
Case 25	12	38,446,861	50,241,013	5	0	5	1
Case 25	12	50,245,706	50,290,023	6	0	6	1
Case 25	12	50,290,554	53,819,467	5	0	5	1
Case 25	12	53,822,670	58,347,442	7	0	7	1
Case 25	12	58,350,479	59,316,881	8	0	8	1
Case 25	12	59,322,352	63,019,450	9	0	9	1
Case 25	12	63,020,745	71,158,516	8	0	8	1
Case 25	12	71,167,528	72,039,421	11	0	11	1
Case 25	12	72,050,842	81,736,339	3	0	3	1
Case 25	12	81,741,409	99,205,826	5	0	5	1
Case 25	12	99,208,993	118,060,777	4	0	4	1
Case 25	12	118,075,236	123,276,606	6	0	6	1
Case 25	12	123,280,470	127,329,530	4	0	4	1
Case 25	12	127,335,152	127,785,576	6	0	6	1
Case 25	12	127,789,406	127,925,670	9	0	9	1
Case 25	12	127,926,728	131,069,814	4	0	4	1
Case 25	12	131,072,461	133,277,860	5	0	5	1
Case 25	12	133,277,870	133,810,935	4	0	4	1
Case 25	13	19,058,717	23,380,632	2	2	4	0
Case 25	13	23,382,022	23,408,043	2	1	3	0
Case 25	13	23,416,203	26,232,290	2	2	4	0
Case 25	13	26,236,041	67,784,330	4	2	6	0



Case 25	13	67,798,250	81,712,872	4	3	7	0
Case 25	13	81,716,268	115,103,529	4	2	6	0
Case 25	14	19,280,733	22,377,212	5	0	5	1
Case 25	14	22,377,905	22,978,577	6	0	6	1
Case 25	14	22,978,760	37,132,525	5	0	5	1
Case 25	14	37,133,206	37,190,198	2	0	2	1
Case 25	14	37,194,785	107,287,663	5	0	5	1
Case 25	15	20,034,919	25,936,865	4	2	6	0
Case 25	15	25,937,004	28,544,359	6	2	8	0
Case 25	15	28,962,131	45,413,329	2	2	4	0
Case 25	15	45,413,672	85,843,517	2	1	3	0
Case 25	15	85,856,090	95,388,951	5	2	7	0
Case 25	15	95,407,056	96,126,169	3	2	5	0
Case 25	15	96,126,414	102,461,162	2	1	3	0
Case 25	16	88,165	1,934,183	4	2	6	0
Case 25	16	1,943,418	3,076,393	3	2	5	0
Case 25	16	3,076,587	35,285,582	4	2	6	0
Case 25	16	46,450,037	78,536,697	4	2	6	0
Case 25	16	78,538,576	78,661,327	2	2	4	0
Case 25	16	78,663,258	79,068,806	4	2	6	0
Case 25	16	79,069,361	79,221,892	3	2	5	0
Case 25	16	79,222,287	90,274,695	4	2	6	0
Case 25	17	11,885	2,771,512	3	0	3	1
Case 25	17	2,773,932	9,306,170	4	0	4	1
Case 25	17	9,308,301	9,673,134	3	0	3	1
Case 25	17	9,673,533	22,242,355	4	0	4	1
Case 25	17	25,268,142	25,295,032	4	0	4	1
Case 25	17	25,329,949	30,195,117	5	0	5	1
Case 25	17	30,206,059	31,319,428	4	0	4	1
Case 25	17	31,319,575	33,112,106	5	0	5	1
Case 25	17	33,112,746	34,233,642	4	0	4	1
Case 25	17	34,233,871	38,023,441	5	0	5	1
Case 25	17	38,025,417	41,719,330	4	0	4	1
Case 25	17	41,719,353	41,982,012	5	0	5	1
Case 25	17	41,988,992	81,060,040	4	0	4	1
Case 25	18	87,505	14,136,061	4	2	6	0
Case 25	18	14,137,657	14,971,178	4	1	5	0
Case 25	18	14,978,677	15,375,878	3	1	4	0
Case 25	18	18,520,354	19,294,674	3	1	4	0
Case 25	18	19,312,766	19,694,044	8	1	9	0
Case 25	18	19,704,036	20,287,443	10	1	11	0
Case 25	18	20,289,772	20,494,552	12	2	14	0
Case 25	18	20,503,651	20,921,480	9	2	11	0
Case 25	18	20,929,994	21,789,347	5	2	7	0
Case 25	18	21,792,650	31,251,740	3	0	3	1
Case 25	18	31,263,320	34,740,290	6	0	6	1
Case 25	18	34,750,687	38,146,461	5	1	6	0
Case 25	18	38,149,766	39,724,275	5	0	5	1
Case 25	18	39,731,208	41,984,948	3	0	3	1
Case 25	18	42,004,083	78,015,180	4	0	4	1
Case 25	19	260,912	24,629,285	4	0	4	1
Case 25	19	27,732,159	59,097,160	4	0	4	1
Case 25	20	63,244	4,178,869	3	2	5	0
Case 25	20	4,183,819	6,858,994	3	1	4	0
Case 25	20	6,860,859	7,632,355	3	2	5	0
Case 25	20	7,638,703	14,399,991	4	2	6	0
Case 25	20	14,400,165	15,802,635	5	2	7	0
Case 25	20	15,804,432	20,591,395	3	2	5	0
Case 25	20	20,591,968	26,293,985	3	0	3	1
Case 25	20	29,425,357	33,026,003	7	0	7	1
Case 25	20	33,046,761	34,618,440	5	3	8	0

Case 25	20	34,618,470	54,919,143	7	0	7	1
Case 25	20	54,920,858	55,426,819	6	0	6	1
Case 25	20	55,428,489	62,126,745	7	0	7	1
Case 25	20	62,128,433	62,948,788	6	0	6	1
Case 25	21	10,827,533	10,971,337	2	0	2	1
Case 25	21	14,368,320	15,332,033	2	0	2	1
Case 25	21	15,372,509	16,000,148	0	0	0	0
Case 25	21	16,010,681	16,238,790	1	0	1	0
Case 25	21	16,239,937	17,667,779	0	0	0	0
Case 25	21	17,669,569	21,350,133	1	0	1	0
Case 25	21	21,350,740	22,583,730	7	1	8	0
Case 25	21	22,589,517	26,819,664	5	1	6	0
Case 25	21	26,824,158	26,844,655	4	2	6	0
Case 25	21	26,855,088	32,290,396	2	1	3	0
Case 25	21	32,291,501	37,002,204	4	1	5	0
Case 25	21	37,004,989	42,728,433	4	0	4	1
Case 25	21	42,728,461	42,769,619	3	0	3	1
Case 25	21	42,770,878	42,920,022	4	0	4	1
Case 25	21	42,920,296	44,762,655	3	0	3	1
Case 25	21	44,764,895	47,970,643	4	0	4	1
Case 25	21	47,971,556	48,100,155	1	0	1	0
Case 25	22	16,114,244	51,195,728	2	2	4	0
Case 25	X	2,700,157	2,802,568	0	0	0	0
Case 25	X	2,811,185	58,488,110	3	0	3	1
Case 25	X	61,694,576	86,436,251	3	0	3	1
Case 25	X	86,453,874	88,236,598	0	0	0	0
Case 25	X	88,260,194	154,898,561	3	0	3	1
Case 26	1	82,154	94,354,948	2	2	4	0
Case 26	1	94,360,107	94,441,950	2	1	3	0
Case 26	1	94,442,739	94,611,300	3	2	5	0
Case 26	1	94,629,643	95,754,014	2	2	4	0
Case 26	1	95,757,160	95,977,445	3	2	5	0
Case 26	1	95,985,066	118,987,888	2	2	4	0
Case 26	1	118,990,640	119,133,609	2	1	3	0
Case 26	1	119,142,209	121,346,616	2	2	4	0
Case 26	1	142,649,718	171,119,021	2	2	4	0
Case 26	1	171,119,825	171,133,251	2	1	3	0
Case 26	1	171,133,716	245,634,069	2	2	4	0
Case 26	1	245,634,267	245,753,173	2	1	3	0
Case 26	1	245,762,071	249,218,992	2	2	4	0
Case 26	2	18,674	28,516,271	2	2	4	0
Case 26	2	28,520,083	28,686,128	3	2	5	0
Case 26	2	28,686,332	56,199,062	2	2	4	0
Case 26	2	56,203,798	56,489,455	2	1	3	0
Case 26	2	56,490,680	92,081,640	2	2	4	0
Case 26	2	95,429,424	235,819,508	2	2	4	0
Case 26	2	235,821,065	236,128,951	3	1	4	0
Case 26	2	236,132,645	236,494,162	2	1	3	0
Case 26	2	236,504,782	243,048,760	2	2	4	0
Case 26	3	61,495	43,176,831	2	2	4	0
Case 26	3	43,179,134	46,593,062	3	2	5	0
Case 26	3	46,593,068	60,076,491	2	2	4	0
Case 26	3	60,080,887	60,218,337	3	1	4	0
Case 26	3	60,220,486	60,738,420	2	1	3	0
Case 26	3	60,740,480	75,283,711	2	2	4	0
Case 26	3	75,285,488	90,442,925	3	2	5	0
Case 26	3	93,537,290	117,280,848	3	2	5	0
Case 26	3	117,284,829	122,040,062	3	3	6	0
Case 26	3	122,040,283	197,838,262	3	2	5	0
Case 26	4	71,566	49,620,898	2	2	4	0
Case 26	4	52,697,856	190,963,766	2	2	4	0

Case 26	5	38,139	45,781,872	2	2	4	0
Case 26	5	45,839,207	46,399,093	2	1	3	0
Case 26	5	49,457,282	49,614,318	2	1	3	0
Case 26	5	49,624,236	180,693,127	2	2	4	0
Case 26	6	108,666	1,713,390	2	2	4	0
Case 26	6	1,713,692	1,942,538	2	1	3	0
Case 26	6	1,943,154	31,066,419	2	2	4	0
Case 26	6	31,066,671	31,167,852	3	2	5	0
Case 26	6	31,167,927	58,752,089	2	2	4	0
Case 26	6	61,891,118	120,161,995	2	2	4	0
Case 26	6	120,163,401	120,209,557	3	3	6	0
Case 26	6	120,213,880	170,980,171	2	2	4	0
Case 26	7	44,935	33,569,145	2	2	4	0
Case 26	7	33,569,954	34,682,359	3	1	4	0
Case 26	7	34,682,881	38,292,663	2	2	4	0
Case 26	7	38,297,145	38,412,022	3	3	6	0
Case 26	7	38,412,988	58,019,061	2	2	4	0
Case 26	7	61,056,053	61,852,895	2	2	4	0
Case 26	7	61,994,170	62,437,581	1	0	1	0
Case 26	7	62,458,262	159,119,486	2	2	4	0
Case 26	8	164,984	43,791,691	3	2	5	0
Case 26	8	46,886,735	146,293,414	3	2	5	0
Case 26	9	46,587	9,310,461	2	2	4	0
Case 26	9	9,311,838	9,348,853	2	1	3	0
Case 26	9	9,349,832	46,944,322	2	2	4	0
Case 26	9	65,629,772	141,066,491	2	2	4	0
Case 26	10	98,087	38,801,009	2	2	4	0
Case 26	10	38,814,815	39,097,912	2	1	3	0
Case 26	10	42,436,301	42,907,260	2	1	3	0
Case 26	10	42,916,042	81,761,489	2	2	4	0
Case 26	10	81,764,081	81,901,858	2	1	3	0
Case 26	10	81,901,859	135,477,883	2	2	4	0
Case 26	11	193,146	51,591,253	2	2	4	0
Case 26	11	54,794,237	98,456,485	2	2	4	0
Case 26	11	98,457,457	98,746,614	2	1	3	0
Case 26	11	98,759,120	134,934,063	2	2	4	0
Case 26	12	191,619	34,781,188	2	2	4	0
Case 26	12	34,801,271	34,853,011	1	1	2	0
Case 26	12	37,876,400	38,359,611	1	1	2	0
Case 26	12	38,416,139	133,810,935	2	2	4	0
Case 26	13	19,058,717	55,083,287	2	2	4	0
Case 26	13	55,083,737	55,088,792	2	1	3	0
Case 26	13	55,090,025	114,930,955	2	2	4	0
Case 26	13	114,936,089	115,103,529	2	1	3	0
Case 26	14	19,280,733	20,443,751	4	2	6	0
Case 26	14	20,443,757	22,425,847	2	2	4	0
Case 26	14	22,427,444	22,838,630	3	2	5	0
Case 26	14	22,841,531	22,978,516	3	3	6	0
Case 26	14	22,978,577	61,371,810	2	2	4	0
Case 26	14	61,382,747	62,502,684	2	1	3	0
Case 26	14	62,502,992	107,287,663	2	2	4	0
Case 26	15	20,034,919	102,461,162	2	2	4	0
Case 26	16	88,165	35,285,582	2	2	4	0
Case 26	16	46,450,037	78,149,048	2	2	4	0
Case 26	16	78,151,746	78,684,329	2	1	3	0
Case 26	16	78,688,144	78,790,765	2	2	4	0
Case 26	16	78,797,412	78,955,140	2	1	3	0
Case 26	16	78,960,323	79,085,019	3	2	5	0
Case 26	16	79,085,489	79,199,372	3	1	4	0
Case 26	16	79,199,894	90,274,695	2	2	4	0
Case 26	17	11,885	22,242,355	2	2	4	0

Case 26	17	25,268,142	81,060,040	2	2	4	0
Case 26	18	87,505	15,375,878	2	1	3	0
Case 26	18	18,520,354	18,539,806	2	1	3	0
Case 26	18	18,546,896	78,015,180	3	2	5	0
Case 26	19	260,912	2,609,815	2	2	4	0
Case 26	19	2,617,422	2,733,090	3	2	5	0
Case 26	19	2,733,188	11,828,410	2	2	4	0
Case 26	19	11,832,283	12,589,174	2	1	3	0
Case 26	19	12,589,502	24,629,285	2	2	4	0
Case 26	19	27,732,159	59,097,160	2	2	4	0
Case 26	20	63,244	26,293,985	3	2	5	0
Case 26	20	29,425,357	37,946,188	3	2	5	0
Case 26	20	37,947,434	38,140,100	4	2	6	0
Case 26	20	38,142,337	62,549,565	3	2	5	0
Case 26	20	62,550,666	62,693,782	2	2	4	0
Case 26	20	62,695,878	62,948,788	3	2	5	0
Case 26	21	10,827,533	10,971,337	2	2	4	0
Case 26	21	14,368,320	48,100,155	2	2	4	0
Case 26	22	16,114,244	25,924,444	2	2	4	0
Case 26	22	25,925,760	25,945,826	2	1	3	0
Case 26	22	25,950,750	51,195,728	2	2	4	0
Case 26	X	2,700,157	58,488,110	3	3	6	0
Case 26	X	61,694,576	87,339,778	3	3	6	0
Case 26	X	87,351,834	87,556,778	2	2	4	0
Case 26	X	87,556,822	154,898,561	3	3	6	0
Case 31	1	82,154	121,346,616	2	2	4	0
Case 31	1	142,649,718	249,218,992	2	2	4	0
Case 31	2	18,674	92,081,640	2	2	4	0
Case 31	2	95,429,424	243,048,760	2	2	4	0
Case 31	3	61,495	60,405,004	2	2	4	0
Case 31	3	60,407,864	60,492,136	1	1	2	0
Case 31	3	60,496,077	60,604,489	2	1	3	0
Case 31	3	60,607,896	90,442,925	2	2	4	0
Case 31	3	93,537,290	173,939,218	2	2	4	0
Case 31	3	173,952,876	174,628,523	4	2	6	0
Case 31	3	174,646,603	197,838,262	2	2	4	0
Case 31	4	71,566	49,620,898	2	2	4	0
Case 31	4	52,697,856	137,213,987	2	2	4	0
Case 31	4	137,223,663	137,364,820	3	2	5	0
Case 31	4	137,376,628	190,963,766	2	2	4	0
Case 31	5	38,139	46,399,093	2	2	4	0
Case 31	5	49,457,282	180,693,127	2	2	4	0
Case 31	6	108,666	58,752,089	2	2	4	0
Case 31	6	61,891,118	170,980,171	2	2	4	0
Case 31	7	44,935	58,019,061	3	2	5	0
Case 31	7	61,056,053	136,969,917	3	2	5	0
Case 31	7	136,971,101	136,990,665	2	2	4	0
Case 31	7	136,990,721	159,119,486	3	2	5	0
Case 31	8	164,984	43,791,691	2	2	4	0
Case 31	8	46,886,735	71,688,493	2	2	4	0
Case 31	8	71,716,863	71,877,096	2	1	3	0
Case 31	8	71,901,737	146,293,414	2	2	4	0
Case 31	9	46,587	3,204,115	2	2	4	0
Case 31	9	3,207,669	4,555,305	2	1	3	0
Case 31	9	4,555,573	46,944,322	2	2	4	0
Case 31	9	65,629,772	77,247,597	2	2	4	0
Case 31	9	77,254,334	77,318,073	3	2	5	0
Case 31	9	77,323,772	141,066,491	2	2	4	0
Case 31	10	98,087	39,097,912	2	2	4	0
Case 31	10	42,436,301	135,477,883	2	2	4	0
Case 31	11	193,146	51,591,253	2	2	4	0

Case 31	11	54,794,237	134,934,063	2	2	4	0
Case 31	12	191,619	34,853,011	2	2	4	0
Case 31	12	37,876,400	128,551,441	2	2	4	0
Case 31	12	128,552,594	128,556,076	3	2	5	0
Case 31	12	128,556,959	133,810,935	2	2	4	0
Case 31	13	19,058,717	115,103,529	2	2	4	0
Case 31	14	19,280,733	20,425,051	3	2	5	0
Case 31	14	20,426,742	22,609,120	2	2	4	0
Case 31	14	22,609,387	23,033,838	3	2	5	0
Case 31	14	23,034,184	107,287,663	2	2	4	0
Case 31	15	20,034,919	102,461,162	2	2	4	0
Case 31	16	88,165	35,285,582	2	2	4	0
Case 31	16	46,450,037	90,274,695	2	2	4	0
Case 31	17	11,885	22,242,355	2	2	4	0
Case 31	17	25,268,142	81,060,040	2	2	4	0
Case 31	18	87,505	15,375,878	2	2	4	0
Case 31	18	18,520,354	78,015,180	2	2	4	0
Case 31	19	260,912	24,629,285	2	2	4	0
Case 31	19	27,732,159	41,333,284	3	2	5	0
Case 31	19	41,341,589	41,365,095	0	0	0	0
Case 31	19	41,379,148	59,097,160	3	2	5	0
Case 31	20	63,244	14,747,471	3	2	5	0
Case 31	20	14,753,767	15,043,623	3	1	4	0
Case 31	20	15,051,717	26,293,985	3	2	5	0
Case 31	20	29,425,357	62,948,788	3	2	5	0
Case 31	21	10,827,533	10,971,337	2	2	4	0
Case 31	21	14,368,320	48,100,155	2	2	4	0
Case 31	22	16,114,244	51,195,728	2	2	4	0
Case 31	X	2,700,157	58,488,110	2	1	3	0
Case 31	X	61,694,576	154,898,561	2	1	3	0
Case 34	1	82,154	121,346,616	1	1	2	0
Case 34	1	142,649,718	249,218,992	1	1	2	0
Case 34	2	18,674	92,081,640	1	1	2	0
Case 34	2	95,429,424	243,048,760	1	1	2	0
Case 34	3	61,495	90,442,925	1	1	2	0
Case 34	3	93,537,290	197,838,262	1	1	2	0
Case 34	4	71,566	49,620,898	1	1	2	0
Case 34	4	52,697,856	190,963,766	1	1	2	0
Case 34	5	38,139	46,399,093	1	1	2	0
Case 34	5	49,457,282	180,693,127	1	1	2	0
Case 34	6	108,666	58,752,089	1	1	2	0
Case 34	6	61,891,118	170,980,171	1	1	2	0
Case 34	7	44,935	58,019,061	1	1	2	0
Case 34	7	61,056,053	159,119,486	1	1	2	0
Case 34	8	164,984	43,791,691	1	1	2	0
Case 34	8	46,886,735	146,293,414	1	1	2	0
Case 34	9	46,587	46,944,322	1	1	2	0
Case 34	9	65,629,772	141,066,491	1	1	2	0
Case 34	10	98,087	39,097,912	1	1	2	0
Case 34	10	42,436,301	135,477,883	1	1	2	0
Case 34	11	193,146	23,841,971	1	1	2	0
Case 34	11	23,844,975	24,553,440	1	0	1	0
Case 34	11	24,554,271	51,591,253	1	1	2	0
Case 34	11	54,794,237	134,934,063	1	1	2	0
Case 34	12	191,619	34,853,011	1	1	2	0
Case 34	12	37,876,400	133,810,935	1	1	2	0
Case 34	13	19,058,717	115,103,529	1	1	2	0
Case 34	14	19,280,733	107,287,663	1	1	2	0
Case 34	15	20,034,919	102,461,162	1	1	2	0
Case 34	16	88,165	35,285,582	1	1	2	0
Case 34	16	46,450,037	90,274,695	1	1	2	0

Case 34	17	11,885	22,242,355	1	1	2	0
Case 34	17	25,268,142	81,060,040	1	1	2	0
Case 34	18	87,505	15,375,878	1	1	2	0
Case 34	18	18,520,354	78,015,180	1	1	2	0
Case 34	19	260,912	24,629,285	1	1	2	0
Case 34	19	27,732,159	59,097,160	1	1	2	0
Case 34	20	63,244	26,293,985	1	1	2	0
Case 34	20	29,425,357	62,948,788	1	1	2	0
Case 34	21	10,827,533	10,971,337	1	1	2	0
Case 34	21	14,368,320	48,100,155	1	1	2	0
Case 34	22	16,114,244	51,195,728	1	1	2	0
Case 34	X	2,700,157	58,488,110	1	0	1	0
Case 34	X	61,694,576	154,898,561	1	0	1	0
Case 35	1	82,154	26,694,260	1	1	2	0
Case 35	1	26,694,968	27,939,581	1	0	1	0
Case 35	1	27,942,346	121,346,616	1	1	2	0
Case 35	1	142,649,718	249,218,992	1	1	2	0
Case 35	2	18,674	6,486,257	1	1	2	0
Case 35	2	6,489,121	6,503,855	1	0	1	0
Case 35	2	6,505,563	92,081,640	1	1	2	0
Case 35	2	95,429,424	243,048,760	1	1	2	0
Case 35	3	61,495	59,828,149	1	1	2	0
Case 35	3	59,828,477	59,920,004	1	0	1	0
Case 35	3	59,920,697	60,170,083	2	0	2	1
Case 35	3	60,186,728	60,388,322	2	1	3	0
Case 35	3	60,388,743	60,465,279	0	0	0	0
Case 35	3	60,472,107	60,581,806	1	0	1	0
Case 35	3	60,585,933	90,442,925	2	1	3	0
Case 35	3	93,537,290	197,838,262	2	1	3	0
Case 35	4	71,566	49,620,898	1	1	2	0
Case 35	4	52,697,856	190,963,766	1	1	2	0
Case 35	5	38,139	46,399,093	1	1	2	0
Case 35	5	49,457,282	166,823,660	1	1	2	0
Case 35	5	166,824,102	180,693,127	2	1	3	0
Case 35	6	108,666	1,801,390	2	0	2	1
Case 35	6	1,807,658	2,190,846	1	0	1	0
Case 35	6	2,199,634	20,057,330	2	0	2	1
Case 35	6	20,057,889	21,589,716	3	0	3	1
Case 35	6	21,590,104	21,639,594	2	0	2	1
Case 35	6	21,658,881	32,657,578	3	0	3	1
Case 35	6	32,658,079	32,677,397	4	0	4	1
Case 35	6	32,677,440	47,252,045	3	0	3	1
Case 35	6	47,252,055	58,752,089	2	1	3	0
Case 35	6	61,891,118	120,978,943	2	1	3	0
Case 35	6	120,983,610	170,980,171	1	1	2	0
Case 35	7	44,935	44,327,055	1	1	2	0
Case 35	7	44,331,505	44,353,609	1	0	1	0
Case 35	7	44,361,910	58,019,061	1	1	2	0
Case 35	7	61,056,053	159,119,486	1	1	2	0
Case 35	8	164,984	27,539,370	2	1	3	0
Case 35	8	27,542,849	27,591,506	1	1	2	0
Case 35	8	27,591,849	43,791,691	2	1	3	0
Case 35	8	46,886,735	146,293,414	2	1	3	0
Case 35	9	46,587	46,944,322	1	1	2	0
Case 35	9	65,629,772	141,066,491	1	1	2	0
Case 35	10	98,087	39,097,912	1	1	2	0
Case 35	10	42,436,301	135,477,883	1	1	2	0
Case 35	11	193,146	51,591,253	1	1	2	0
Case 35	11	54,794,237	97,588,674	1	1	2	0
Case 35	11	97,591,699	97,732,269	0	0	0	0
Case 35	11	97,733,303	120,312,746	1	1	2	0

Case 35	11	120,317,731	120,630,452	1	0	1	0
Case 35	11	120,644,115	134,934,063	1	1	2	0
Case 35	12	191,619	34,826,574	1	1	2	0
Case 35	12	34,853,011	34,853,011	1	0	1	0
Case 35	12	37,876,400	38,528,487	1	0	1	0
Case 35	12	38,529,491	133,810,935	1	1	2	0
Case 35	13	19,058,717	21,722,557	2	1	3	0
Case 35	13	21,723,281	21,746,637	4	2	6	0
Case 35	13	21,747,051	115,103,529	2	1	3	0
Case 35	14	19,280,733	22,483,101	1	1	2	0
Case 35	14	22,483,999	23,034,184	2	1	3	0
Case 35	14	23,035,587	107,287,663	1	1	2	0
Case 35	15	20,034,919	102,461,162	1	1	2	0
Case 35	16	88,165	35,285,582	1	1	2	0
Case 35	16	46,450,037	78,921,105	1	1	2	0
Case 35	16	78,923,668	79,054,020	1	0	1	0
Case 35	16	79,055,748	90,274,695	1	1	2	0
Case 35	17	11,885	22,242,355	1	1	2	0
Case 35	17	25,268,142	34,436,708	1	1	2	0
Case 35	17	34,443,811	34,819,750	3	2	5	0
Case 35	17	34,823,170	46,974,734	1	1	2	0
Case 35	17	46,977,125	47,005,193	2	1	3	0
Case 35	17	47,005,509	56,421,270	1	1	2	0
Case 35	17	56,421,706	81,060,040	2	1	3	0
Case 35	18	87,505	15,375,878	1	1	2	0
Case 35	18	18,520,354	78,015,180	1	1	2	0
Case 35	19	260,912	24,629,285	1	1	2	0
Case 35	19	27,732,159	59,097,160	1	1	2	0
Case 35	20	63,244	26,293,985	1	1	2	0
Case 35	20	29,425,357	62,948,788	1	1	2	0
Case 35	21	10,827,533	10,971,337	1	1	2	0
Case 35	21	14,368,320	46,937,627	1	1	2	0
Case 35	21	46,945,024	46,953,292	1	0	1	0
Case 35	21	46,956,571	48,100,155	1	1	2	0
Case 35	22	16,114,244	22,318,945	1	1	2	0
Case 35	22	22,319,731	22,397,708	2	1	3	0
Case 35	22	22,398,127	51,195,728	1	1	2	0
Case 35	X	2,700,157	58,488,110	2	1	3	0
Case 35	X	61,694,576	154,898,561	2	1	3	0
Case 36	1	82,154	14,777,904	1	1	2	0
Case 36	1	14,780,811	27,890,533	1	0	1	0
Case 36	1	27,930,898	34,684,463	1	1	2	0
Case 36	1	34,684,577	34,734,286	2	1	3	0
Case 36	1	34,735,938	85,765,798	1	1	2	0
Case 36	1	85,768,379	87,773,503	2	1	3	0
Case 36	1	87,774,994	97,463,800	1	1	2	0
Case 36	1	97,469,804	97,885,880	2	1	3	0
Case 36	1	97,886,171	121,346,616	1	1	2	0
Case 36	1	142,649,718	154,331,186	1	1	2	0
Case 36	1	154,332,870	154,368,928	2	1	3	0
Case 36	1	154,369,252	156,565,413	1	1	2	0
Case 36	1	156,566,111	156,628,909	2	1	3	0
Case 36	1	156,629,037	167,226,854	1	1	2	0
Case 36	1	167,233,474	167,715,940	2	1	3	0
Case 36	1	167,722,003	168,996,958	2	0	2	1
Case 36	1	169,000,292	169,035,485	3	0	3	1
Case 36	1	169,041,144	184,018,475	2	0	2	1
Case 36	1	184,020,945	186,163,076	1	0	1	0
Case 36	1	186,164,899	186,796,618	2	0	2	1
Case 36	1	186,797,479	187,832,346	1	0	1	0
Case 36	1	187,834,475	189,496,667	2	0	2	1

Case 36	1	189,496,903	203,244,113	1	0	1	0
Case 36	1	203,245,214	205,236,233	2	0	2	1
Case 36	1	205,240,198	220,970,133	1	0	1	0
Case 36	1	220,970,499	220,974,202	2	0	2	1
Case 36	1	220,974,218	235,832,555	1	0	1	0
Case 36	1	235,849,867	237,433,524	3	0	3	1
Case 36	1	237,433,625	239,436,542	4	0	4	1
Case 36	1	239,436,876	249,218,992	3	0	3	1
Case 36	2	18,674	92,081,640	1	1	2	0
Case 36	2	95,429,424	108,337,427	1	1	2	0
Case 36	2	108,350,909	108,390,945	2	1	3	0
Case 36	2	108,392,670	138,447,831	1	1	2	0
Case 36	2	138,448,951	139,082,736	2	1	3	0
Case 36	2	139,085,690	205,926,400	1	1	2	0
Case 36	2	205,942,560	205,978,220	1	0	1	0
Case 36	2	205,986,331	206,405,891	2	0	2	1
Case 36	2	206,418,087	207,960,996	1	1	2	0
Case 36	2	207,962,456	208,664,252	2	1	3	0
Case 36	2	208,686,410	232,838,890	1	1	2	0
Case 36	2	232,843,189	234,594,083	1	0	1	0
Case 36	2	234,595,615	234,718,294	2	0	2	1
Case 36	2	234,718,524	243,048,760	1	0	1	0
Case 36	3	61,495	74,011,687	1	1	2	0
Case 36	3	74,019,380	74,095,484	2	1	3	0
Case 36	3	74,096,374	90,442,925	1	1	2	0
Case 36	3	93,537,290	141,218,057	1	1	2	0
Case 36	3	141,240,182	143,372,266	1	0	1	0
Case 36	3	143,380,236	154,382,321	1	1	2	0
Case 36	3	154,405,414	155,560,337	1	0	1	0
Case 36	3	155,565,687	168,742,461	1	1	2	0
Case 36	3	168,743,995	168,802,737	2	1	3	0
Case 36	3	168,806,925	197,838,262	3	1	4	0
Case 36	4	71,566	20,518,603	2	0	2	1
Case 36	4	20,520,993	43,666,139	1	0	1	0
Case 36	4	43,680,722	43,761,213	2	0	2	1
Case 36	4	43,772,856	49,620,898	1	0	1	0
Case 36	4	52,697,856	190,963,766	1	0	1	0
Case 36	5	38,139	3,991,294	2	1	3	0
Case 36	5	3,992,147	8,123,994	3	1	4	0
Case 36	5	8,130,010	8,145,014	4	1	5	0
Case 36	5	8,146,371	18,548,150	3	1	4	0
Case 36	5	18,561,967	36,479,022	2	1	3	0
Case 36	5	36,481,330	36,652,409	3	1	4	0
Case 36	5	36,653,738	36,762,502	2	1	3	0
Case 36	5	36,781,359	36,856,801	3	1	4	0
Case 36	5	36,886,836	46,174,864	2	1	3	0
Case 36	5	46,228,333	46,399,093	1	1	2	0
Case 36	5	49,457,282	49,492,838	1	1	2	0
Case 36	5	49,522,346	54,118,833	2	1	3	0
Case 36	5	54,126,400	95,407,894	1	0	1	0
Case 36	5	95,410,393	96,011,023	2	0	2	1
Case 36	5	96,017,956	177,913,591	1	0	1	0
Case 36	5	177,916,502	180,693,127	2	0	2	1
Case 36	6	108,666	11,667,796	1	0	1	0
Case 36	6	11,677,538	12,614,259	0	0	0	0
Case 36	6	12,616,984	26,010,881	1	0	1	0
Case 36	6	26,016,462	31,348,077	1	1	2	0
Case 36	6	31,348,200	31,354,560	2	1	3	0
Case 36	6	31,354,595	31,356,574	1	1	2	0
Case 36	6	31,360,255	31,453,640	1	0	1	0
Case 36	6	31,456,567	31,463,718	1	1	2	0



Case 36	6	31,463,963	31,463,963	2	1	3	0
Case 36	6	31,464,739	32,172,124	1	1	2	0
Case 36	6	32,172,993	32,797,072	2	1	3	0
Case 36	6	32,797,115	37,558,561	1	1	2	0
Case 36	6	37,559,282	40,645,737	2	1	3	0
Case 36	6	40,648,757	44,449,216	1	1	2	0
Case 36	6	44,449,320	58,752,089	2	1	3	0
Case 36	6	61,891,118	72,385,311	2	1	3	0
Case 36	6	72,406,319	135,123,681	1	0	1	0
Case 36	6	135,128,858	137,967,252	2	1	3	0
Case 36	6	137,970,840	141,045,961	1	1	2	0
Case 36	6	141,061,418	149,357,384	2	1	3	0
Case 36	6	149,359,209	159,548,276	1	1	2	0
Case 36	6	159,549,389	170,980,171	1	0	1	0
Case 36	7	44,935	83,185	2	1	3	0
Case 36	7	93,811	4,560,681	2	0	2	1
Case 36	7	4,563,881	5,545,427	1	0	1	0
Case 36	7	5,562,740	22,191,936	2	1	3	0
Case 36	7	22,194,105	38,292,663	1	1	2	0
Case 36	7	38,297,145	38,412,022	2	1	3	0
Case 36	7	38,412,988	58,019,061	1	1	2	0
Case 36	7	61,056,053	87,230,107	1	1	2	0
Case 36	7	87,230,193	87,251,641	2	1	3	0
Case 36	7	87,256,937	94,997,756	1	1	2	0
Case 36	7	94,997,953	95,082,010	2	1	3	0
Case 36	7	95,084,622	128,097,359	1	1	2	0
Case 36	7	128,097,466	128,932,749	1	0	1	0
Case 36	7	128,953,370	135,661,332	1	1	2	0
Case 36	7	135,675,538	136,452,082	2	1	3	0
Case 36	7	136,508,139	143,217,190	1	1	2	0
Case 36	7	143,425,378	145,334,673	1	0	1	0
Case 36	7	145,346,374	159,119,486	2	0	2	1
Case 36	8	164,984	43,791,691	1	0	1	0
Case 36	8	46,886,735	65,014,043	1	0	1	0
Case 36	8	65,045,688	125,792,809	1	1	2	0
Case 36	8	125,797,266	146,293,414	2	1	3	0
Case 36	9	46,587	3,378,048	2	0	2	1
Case 36	9	3,380,518	4,860,569	1	0	1	0
Case 36	9	4,860,943	4,926,113	2	0	2	1
Case 36	9	4,930,006	5,021,514	1	0	1	0
Case 36	9	5,022,807	20,676,454	2	0	2	1
Case 36	9	20,690,387	24,515,111	0	0	0	0
Case 36	9	24,522,869	29,869,252	3	0	3	1
Case 36	9	29,874,745	32,432,681	2	0	2	1
Case 36	9	32,435,676	32,458,081	3	0	3	1
Case 36	9	32,459,450	33,629,249	2	0	2	1
Case 36	9	33,633,838	34,249,882	1	0	1	0
Case 36	9	34,252,127	35,310,492	2	0	2	1
Case 36	9	35,343,563	46,944,322	2	1	3	0
Case 36	9	65,629,772	71,082,682	2	0	2	1
Case 36	9	71,083,458	141,066,491	1	0	1	0
Case 36	10	98,087	13,359,607	1	0	1	0
Case 36	10	13,363,717	39,097,912	1	1	2	0
Case 36	10	42,436,301	115,096,759	1	1	2	0
Case 36	10	115,098,417	123,913,330	1	0	1	0
Case 36	10	123,913,826	135,477,883	2	0	2	1
Case 36	11	193,146	11,195,213	1	1	2	0
Case 36	11	11,198,251	11,211,567	2	1	3	0
Case 36	11	11,214,588	40,229,937	1	1	2	0
Case 36	11	40,238,179	40,284,977	2	1	3	0
Case 36	11	40,285,275	51,591,253	1	1	2	0

Case 36	11	54,794,237	74,381,029	1	1	2	0
Case 36	11	74,386,732	74,399,425	2	1	3	0
Case 36	11	74,400,999	104,478,511	1	1	2	0
Case 36	11	104,483,705	109,812,865	1	0	1	0
Case 36	11	109,825,345	127,317,894	2	0	2	1
Case 36	11	127,324,160	129,150,067	1	1	2	0
Case 36	11	129,161,105	129,202,392	2	1	3	0
Case 36	11	129,208,260	134,934,063	1	1	2	0
Case 36	12	191,619	6,022,495	1	1	2	0
Case 36	12	6,025,054	6,063,142	2	1	3	0
Case 36	12	6,066,357	6,710,193	1	1	2	0
Case 36	12	6,711,144	7,246,707	2	1	3	0
Case 36	12	7,248,556	16,500,358	1	1	2	0
Case 36	12	16,500,448	16,551,609	2	1	3	0
Case 36	12	16,552,279	28,059,187	1	1	2	0
Case 36	12	28,060,631	28,296,711	2	1	3	0
Case 36	12	28,300,776	34,853,011	1	1	2	0
Case 36	12	37,876,400	72,508,779	1	1	2	0
Case 36	12	72,538,429	75,861,087	1	0	1	0
Case 36	12	75,862,495	76,339,221	2	0	2	1
Case 36	12	76,349,064	89,625,237	1	0	1	0
Case 36	12	89,639,948	89,893,877	3	0	3	1
Case 36	12	89,905,537	108,942,984	1	0	1	0
Case 36	12	108,949,739	116,758,547	2	0	2	1
Case 36	12	116,761,667	116,790,821	3	0	3	1
Case 36	12	116,792,092	118,263,370	2	0	2	1
Case 36	12	118,265,441	118,634,906	3	0	3	1
Case 36	12	118,639,246	119,840,700	2	0	2	1
Case 36	12	119,840,837	120,516,525	3	0	3	1
Case 36	12	120,519,124	133,810,935	2	0	2	1
Case 36	13	19,058,717	20,821,326	1	0	1	0
Case 36	13	20,822,102	21,007,342	2	0	2	1
Case 36	13	21,013,995	30,172,458	1	0	1	0
Case 36	13	30,172,495	115,103,529	2	0	2	1
Case 36	14	19,280,733	22,428,984	1	1	2	0
Case 36	14	22,429,647	22,963,646	2	1	3	0
Case 36	14	22,964,782	42,870,963	1	1	2	0
Case 36	14	42,876,996	42,946,163	0	0	0	0
Case 36	14	42,952,898	93,516,465	1	1	2	0
Case 36	14	93,523,577	94,785,742	1	0	1	0
Case 36	14	94,787,288	95,217,612	2	0	2	1
Case 36	14	95,218,549	107,287,663	1	0	1	0
Case 36	15	20,034,919	34,070,882	1	1	2	0
Case 36	15	34,071,305	34,481,168	1	0	1	0
Case 36	15	34,483,333	36,165,311	1	1	2	0
Case 36	15	36,174,150	38,581,206	2	1	3	0
Case 36	15	38,581,841	65,273,595	1	1	2	0
Case 36	15	65,281,624	94,916,384	2	1	3	0
Case 36	15	94,919,347	102,461,162	2	2	4	0
Case 36	16	88,165	35,285,582	1	1	2	0
Case 36	16	46,450,037	47,829,536	2	1	3	0
Case 36	16	47,859,931	48,125,092	1	1	2	0
Case 36	16	48,130,781	90,274,695	1	0	1	0
Case 36	17	11,885	17,420,218	1	0	1	0
Case 36	17	17,424,333	22,242,355	1	1	2	0
Case 36	17	25,268,142	25,671,471	1	1	2	0
Case 36	17	25,689,822	25,875,342	3	0	3	1
Case 36	17	25,879,352	35,419,475	2	0	2	1
Case 36	17	35,424,926	49,072,464	3	0	3	1
Case 36	17	49,072,842	61,838,591	4	0	4	1
Case 36	17	61,843,418	66,742,160	3	0	3	1

Case 36	17	66,743,606	70,569,942	4	0	4	1
Case 36	17	70,577,205	81,060,040	3	0	3	1
Case 36	18	87,505	13,056,488	2	1	3	0
Case 36	18	13,056,495	15,375,878	1	1	2	0
Case 36	18	18,520,354	19,589,336	1	1	2	0
Case 36	18	19,601,717	20,777,414	2	1	3	0
Case 36	18	20,782,046	51,321,476	1	1	2	0
Case 36	18	51,327,866	78,015,180	1	0	1	0
Case 36	19	260,912	3,328,734	1	1	2	0
Case 36	19	3,329,809	3,403,231	2	1	3	0
Case 36	19	3,409,056	7,477,985	1	1	2	0
Case 36	19	7,480,667	7,499,624	2	1	3	0
Case 36	19	7,504,404	24,629,285	1	1	2	0
Case 36	19	27,732,159	42,152,229	1	1	2	0
Case 36	19	42,171,906	42,219,631	2	1	3	0
Case 36	19	42,220,409	59,097,160	1	1	2	0
Case 36	20	63,244	26,293,985	1	1	2	0
Case 36	20	29,425,357	35,335,891	1	1	2	0
Case 36	20	35,343,830	50,309,602	2	1	3	0
Case 36	20	50,310,547	50,937,458	3	1	4	0
Case 36	20	50,957,837	60,306,290	2	1	3	0
Case 36	20	60,306,366	62,948,788	1	1	2	0
Case 36	21	10,827,533	10,971,337	1	1	2	0
Case 36	21	14,368,320	36,245,198	1	1	2	0
Case 36	21	36,245,902	48,100,155	1	0	1	0
Case 36	22	16,114,244	51,195,728	1	1	2	0
Case 36	X	2,700,157	10,231,726	1	1	2	0
Case 36	X	10,235,900	58,488,110	2	1	3	0
Case 36	X	61,694,576	139,617,486	2	1	3	0
Case 36	X	139,620,091	154,898,561	2	0	2	1
Case 40	1	82,154	12,852,872	2	1	3	0
Case 40	1	12,854,507	13,183,015	3	1	4	0
Case 40	1	13,183,032	31,618,766	2	1	3	0
Case 40	1	31,650,749	31,700,412	2	2	4	0
Case 40	1	31,701,981	121,346,616	2	1	3	0
Case 40	1	142,649,718	159,378,594	2	2	4	0
Case 40	1	159,391,401	204,110,660	4	0	4	1
Case 40	1	204,112,406	215,102,445	3	0	3	1
Case 40	1	215,107,372	215,990,479	4	0	4	1
Case 40	1	215,990,508	249,218,992	3	0	3	1
Case 40	2	18,674	92,081,640	4	0	4	1
Case 40	2	95,429,424	95,429,424	4	0	4	1
Case 40	2	95,439,005	156,765,776	2	2	4	0
Case 40	2	156,765,867	157,053,380	3	2	5	0
Case 40	2	157,071,176	195,993,600	2	2	4	0
Case 40	2	196,002,614	196,273,054	2	1	3	0
Case 40	2	196,274,566	243,048,760	2	2	4	0
Case 40	3	61,495	60,374,028	2	0	2	1
Case 40	3	60,379,253	60,544,132	0	0	0	0
Case 40	3	60,545,602	60,802,554	2	0	2	1
Case 40	3	60,806,310	74,621,972	3	0	3	1
Case 40	3	74,625,123	90,442,925	2	0	2	1
Case 40	3	93,537,290	176,867,736	2	0	2	1
Case 40	3	176,868,053	189,057,350	3	0	3	1
Case 40	3	189,059,421	197,838,262	2	0	2	1
Case 40	4	71,566	36,624,280	2	0	2	1
Case 40	4	36,628,000	42,924,425	3	0	3	1
Case 40	4	42,924,853	49,620,898	2	0	2	1
Case 40	4	52,697,856	169,506,877	2	0	2	1
Case 40	4	169,509,103	170,081,113	3	0	3	1
Case 40	4	170,092,033	183,769,467	2	0	2	1

Case 40	4	183,771,387	188,493,082	3	0	3	1
Case 40	4	188,498,590	190,963,766	2	0	2	1
Case 40	5	38,139	18,007,227	4	1	5	0
Case 40	5	18,009,498	29,748,193	5	2	7	0
Case 40	5	29,752,624	46,399,093	4	1	5	0
Case 40	5	49,457,282	49,457,282	4	1	5	0
Case 40	5	49,470,083	180,693,127	2	0	2	1
Case 40	6	108,666	32,683,898	2	1	3	0
Case 40	6	32,684,069	32,698,960	3	1	4	0
Case 40	6	32,698,988	43,050,824	2	1	3	0
Case 40	6	43,063,516	43,083,774	1	1	2	0
Case 40	6	43,089,429	58,752,089	2	1	3	0
Case 40	6	61,891,118	153,431,125	2	1	3	0
Case 40	6	153,441,079	153,664,462	2	2	4	0
Case 40	6	153,664,718	170,980,171	2	1	3	0
Case 40	7	44,935	3,332,630	3	2	5	0
Case 40	7	3,335,041	3,732,253	4	2	6	0
Case 40	7	3,735,435	7,136,077	3	2	5	0
Case 40	7	7,137,541	20,666,235	4	2	6	0
Case 40	7	20,666,750	38,297,145	3	2	5	0
Case 40	7	38,298,285	38,358,412	5	2	7	0
Case 40	7	38,358,956	46,074,194	3	2	5	0
Case 40	7	46,076,308	47,020,795	4	2	6	0
Case 40	7	47,022,589	58,019,061	3	2	5	0
Case 40	7	61,056,053	75,924,218	3	2	5	0
Case 40	7	75,927,125	97,502,737	4	2	6	0
Case 40	7	97,503,140	103,220,611	3	2	5	0
Case 40	7	103,222,306	104,440,625	4	2	6	0
Case 40	7	104,441,909	105,891,464	3	2	5	0
Case 40	7	105,893,463	126,803,474	4	2	6	0
Case 40	7	126,811,206	136,398,712	3	2	5	0
Case 40	7	136,399,178	137,132,243	4	2	6	0
Case 40	7	137,139,529	141,855,193	3	2	5	0
Case 40	7	141,858,688	142,512,803	4	2	6	0
Case 40	7	142,515,811	143,196,926	3	2	5	0
Case 40	7	143,199,169	147,770,563	4	2	6	0
Case 40	7	147,777,777	159,119,486	3	2	5	0
Case 40	8	164,984	36,486,830	2	2	4	0
Case 40	8	36,492,258	38,302,965	3	2	5	0
Case 40	8	38,314,882	43,791,691	2	2	4	0
Case 40	8	46,886,735	146,293,414	2	2	4	0
Case 40	9	46,587	21,952,926	1	0	1	0
Case 40	9	21,961,866	22,130,065	0	0	0	0
Case 40	9	22,132,076	32,068,378	2	0	2	1
Case 40	9	32,071,372	46,944,322	3	0	3	1
Case 40	9	65,629,772	71,040,170	2	0	2	1
Case 40	9	71,041,878	99,883,513	3	0	3	1
Case 40	9	99,890,895	120,001,836	3	1	4	0
Case 40	9	120,007,625	141,066,491	2	1	3	0
Case 40	10	98,087	4,452,786	4	0	4	1
Case 40	10	4,453,312	5,244,295	5	0	5	1
Case 40	10	5,246,584	7,904,358	4	0	4	1
Case 40	10	7,906,459	10,230,151	5	0	5	1
Case 40	10	10,230,322	14,485,205	4	0	4	1
Case 40	10	14,487,813	28,624,136	5	0	5	1
Case 40	10	28,632,464	30,316,072	10	0	10	1
Case 40	10	30,316,133	30,398,791	8	0	8	1
Case 40	10	30,398,869	31,294,981	10	0	10	1
Case 40	10	31,297,648	39,097,912	4	0	4	1
Case 40	10	42,436,301	42,436,301	4	0	4	1
Case 40	10	42,444,619	59,557,630	2	0	2	1

Case 40	10	59,558,639	66,407,750	3	0	3	1
Case 40	10	66,413,062	135,477,883	2	0	2	1
Case 40	11	193,146	50,071,081	2	1	3	0
Case 40	11	50,095,560	50,349,310	1	0	1	0
Case 40	11	50,367,359	51,591,253	2	1	3	0
Case 40	11	54,794,237	134,934,063	2	1	3	0
Case 40	12	191,619	19,984,779	2	1	3	0
Case 40	12	19,987,134	20,097,565	4	1	5	0
Case 40	12	20,098,878	34,853,011	2	1	3	0
Case 40	12	37,876,400	133,810,935	2	1	3	0
Case 40	13	19,058,717	109,809,622	3	3	6	0
Case 40	13	109,811,018	115,103,529	3	2	5	0
Case 40	14	19,280,733	26,156,149	3	0	3	1
Case 40	14	26,160,678	49,249,877	2	0	2	1
Case 40	14	49,253,114	107,287,663	3	0	3	1
Case 40	15	20,034,919	26,332,541	3	0	3	1
Case 40	15	26,336,463	102,461,162	4	0	4	1
Case 40	16	88,165	1,894,912	2	1	3	0
Case 40	16	1,894,961	35,285,582	2	2	4	0
Case 40	16	46,450,037	88,332,479	2	2	4	0
Case 40	16	88,338,467	90,274,695	2	1	3	0
Case 40	17	11,885	22,242,355	3	0	3	1
Case 40	17	25,268,142	45,028,001	3	0	3	1
Case 40	17	45,034,002	45,053,997	4	0	4	1
Case 40	17	45,054,564	81,060,040	3	0	3	1
Case 40	18	87,505	15,375,878	2	0	2	1
Case 40	18	18,520,354	18,539,806	2	0	2	1
Case 40	18	18,546,896	78,015,180	2	1	3	0
Case 40	19	260,912	24,629,285	2	0	2	1
Case 40	19	27,732,159	43,328,006	2	0	2	1
Case 40	19	43,344,686	43,603,371	3	1	4	0
Case 40	19	43,635,684	59,097,160	2	0	2	1
Case 40	20	63,244	6,040,283	4	0	4	1
Case 40	20	6,042,627	17,473,671	5	0	5	1
Case 40	20	17,474,690	26,293,985	4	0	4	1
Case 40	20	29,425,357	37,860,739	4	0	4	1
Case 40	20	37,872,423	41,791,170	5	0	5	1
Case 40	20	41,792,568	49,886,307	4	0	4	1
Case 40	20	49,888,904	54,433,204	5	0	5	1
Case 40	20	54,444,425	62,948,788	4	0	4	1
Case 40	21	10,827,533	10,971,337	1	0	1	0
Case 40	21	14,368,320	22,101,188	1	0	1	0
Case 40	21	22,103,859	23,109,831	2	0	2	1
Case 40	21	23,110,330	29,017,708	1	0	1	0
Case 40	21	29,022,265	46,937,627	3	0	3	1
Case 40	21	46,945,024	48,100,155	2	0	2	1
Case 40	22	16,114,244	18,493,980	2	0	2	1
Case 40	22	18,495,470	51,195,728	3	0	3	1
Case 40	X	2,700,157	58,488,110	2	1	3	0
Case 40	X	61,694,576	154,898,561	2	1	3	0
Case 43	1	82,154	121,346,616	1	1	2	0
Case 43	1	142,649,718	233,608,565	1	1	2	0
Case 43	1	233,619,908	233,636,625	2	1	3	0
Case 43	1	233,643,110	249,218,992	1	1	2	0
Case 43	2	18,674	92,081,640	1	1	2	0
Case 43	2	95,429,424	243,048,760	1	1	2	0
Case 43	3	61,495	90,442,925	1	1	2	0
Case 43	3	93,537,290	197,838,262	1	1	2	0
Case 43	4	71,566	49,620,898	1	1	2	0
Case 43	4	52,697,856	190,963,766	1	1	2	0
Case 43	5	38,139	40,853,032	1	1	2	0

Case 43	5	40,853,048	41,008,777	1	0	1	0
Case 43	5	41,008,780	46,399,093	1	1	2	0
Case 43	5	49,457,282	180,693,127	1	1	2	0
Case 43	6	108,666	58,752,089	1	1	2	0
Case 43	6	61,891,118	170,980,171	1	1	2	0
Case 43	7	44,935	12,693,392	1	1	2	0
Case 43	7	12,695,507	13,731,897	2	1	3	0
Case 43	7	13,734,285	15,734,715	1	1	2	0
Case 43	7	15,734,821	20,183,621	2	1	3	0
Case 43	7	20,184,421	20,960,893	1	1	2	0
Case 43	7	20,960,966	30,716,643	2	1	3	0
Case 43	7	30,717,043	31,230,344	1	1	2	0
Case 43	7	31,234,875	34,702,456	2	1	3	0
Case 43	7	34,703,524	58,019,061	1	1	2	0
Case 43	7	61,056,053	159,119,486	1	1	2	0
Case 43	8	164,984	43,791,691	1	1	2	0
Case 43	8	46,886,735	146,293,414	1	1	2	0
Case 43	9	46,587	46,944,322	1	1	2	0
Case 43	9	65,629,772	141,066,491	1	1	2	0
Case 43	10	98,087	39,097,912	1	1	2	0
Case 43	10	42,436,301	135,477,883	1	1	2	0
Case 43	11	193,146	51,591,253	1	1	2	0
Case 43	11	54,794,237	134,934,063	1	1	2	0
Case 43	12	191,619	34,853,011	1	1	2	0
Case 43	12	37,876,400	133,810,935	1	1	2	0
Case 43	13	19,058,717	115,103,529	1	1	2	0
Case 43	14	19,280,733	107,287,663	1	1	2	0
Case 43	15	20,034,919	102,461,162	1	1	2	0
Case 43	16	88,165	35,285,582	1	1	2	0
Case 43	16	46,450,037	90,274,695	1	1	2	0
Case 43	17	11,885	22,242,355	1	1	2	0
Case 43	17	25,268,142	81,060,040	1	1	2	0
Case 43	18	87,505	15,375,878	1	1	2	0
Case 43	18	18,520,354	78,015,180	1	1	2	0
Case 43	19	260,912	24,629,285	1	1	2	0
Case 43	19	27,732,159	59,097,160	1	1	2	0
Case 43	20	63,244	26,293,985	1	1	2	0
Case 43	20	29,425,357	62,948,788	1	1	2	0
Case 43	21	10,827,533	10,971,337	1	1	2	0
Case 43	21	14,368,320	48,100,155	1	1	2	0
Case 43	22	16,114,244	22,312,879	1	1	2	0
Case 43	22	22,313,598	22,573,637	2	1	3	0
Case 43	22	22,584,809	51,195,728	1	1	2	0
Case 43	X	2,700,157	58,488,110	1	1	2	0
Case 43	X	61,694,576	154,898,561	1	1	2	0
Case 44	1	82,154	1,897,832	2	2	4	0
Case 44	1	1,897,889	10,235,946	2	1	3	0
Case 44	1	10,236,039	10,672,935	3	1	4	0
Case 44	1	10,673,094	11,090,287	4	1	5	0
Case 44	1	11,090,814	93,525,902	2	1	3	0
Case 44	1	93,530,980	93,942,442	3	1	4	0
Case 44	1	93,953,301	113,949,453	2	1	3	0
Case 44	1	113,951,107	114,420,462	3	1	4	0
Case 44	1	114,421,313	115,399,893	2	1	3	0
Case 44	1	115,400,087	115,591,058	3	1	4	0
Case 44	1	115,592,820	121,346,616	2	1	3	0
Case 44	1	142,649,718	172,101,666	2	2	4	0
Case 44	1	172,106,806	172,189,889	3	2	5	0
Case 44	1	172,191,394	208,299,199	2	2	4	0
Case 44	1	208,300,491	208,390,155	2	1	3	0
Case 44	1	208,390,162	225,117,013	2	2	4	0

Case 44	1	225,126,877	225,534,348	3	2	5	0
Case 44	1	225,535,308	238,822,719	2	2	4	0
Case 44	1	238,826,329	239,179,054	3	0	3	1
Case 44	1	239,184,346	239,931,618	2	2	4	0
Case 44	1	239,934,541	239,979,186	2	1	3	0
Case 44	1	239,981,643	240,025,977	3	0	3	1
Case 44	1	240,030,399	240,361,422	2	0	2	1
Case 44	1	240,364,187	240,937,073	2	2	4	0
Case 44	1	240,939,391	246,054,787	3	0	3	1
Case 44	1	246,058,909	246,414,404	3	1	4	0
Case 44	1	246,425,984	246,829,873	3	0	3	1
Case 44	1	246,830,293	247,490,707	2	2	4	0
Case 44	1	247,491,143	248,577,691	2	0	2	1
Case 44	1	248,578,622	249,218,992	2	2	4	0
Case 44	2	18,674	9,951,970	2	1	3	0
Case 44	2	9,952,199	10,074,012	3	1	4	0
Case 44	2	10,077,293	10,167,212	4	1	5	0
Case 44	2	10,175,442	39,204,040	2	1	3	0
Case 44	2	39,209,047	39,733,965	3	1	4	0
Case 44	2	39,735,813	64,680,967	2	1	3	0
Case 44	2	64,682,532	64,778,661	4	1	5	0
Case 44	2	64,778,730	92,081,640	2	1	3	0
Case 44	2	95,429,424	243,048,760	2	1	3	0
Case 44	3	61,495	11,134,319	2	1	3	0
Case 44	3	11,153,613	12,462,024	3	1	4	0
Case 44	3	12,462,947	24,202,457	2	1	3	0
Case 44	3	24,203,529	25,321,235	3	1	4	0
Case 44	3	25,323,954	29,263,650	2	1	3	0
Case 44	3	29,265,476	31,235,468	3	1	4	0
Case 44	3	31,238,623	56,292,829	2	1	3	0
Case 44	3	56,302,401	59,529,264	3	1	4	0
Case 44	3	59,529,885	90,442,925	2	1	3	0
Case 44	3	93,537,290	93,537,290	2	1	3	0
Case 44	3	93,545,404	95,270,483	2	2	4	0
Case 44	3	95,281,021	95,483,379	8	1	9	0
Case 44	3	95,483,745	95,867,044	10	2	12	0
Case 44	3	95,873,964	98,312,065	7	1	8	0
Case 44	3	98,317,836	99,425,669	9	1	10	0
Case 44	3	99,427,774	99,494,215	8	1	9	0
Case 44	3	99,503,728	102,067,254	2	2	4	0
Case 44	3	102,093,452	102,603,522	3	0	3	1
Case 44	3	102,605,470	104,052,812	2	0	2	1
Case 44	3	104,057,483	136,097,576	2	2	4	0
Case 44	3	136,111,917	136,425,600	3	2	5	0
Case 44	3	136,444,589	197,838,262	2	2	4	0
Case 44	4	71,566	29,081,919	3	0	3	1
Case 44	4	29,095,909	36,573,898	2	0	2	1
Case 44	4	36,583,469	42,195,808	3	0	3	1
Case 44	4	42,201,089	46,039,718	2	0	2	1
Case 44	4	46,040,738	49,620,898	3	0	3	1
Case 44	4	52,697,856	59,833,499	3	0	3	1
Case 44	4	59,835,266	73,942,678	2	0	2	1
Case 44	4	73,942,731	89,897,522	3	0	3	1
Case 44	4	89,898,476	90,002,785	4	0	4	1
Case 44	4	90,010,941	91,123,665	2	0	2	1
Case 44	4	91,123,874	91,481,271	0	0	0	0
Case 44	4	91,490,629	126,182,392	3	0	3	1
Case 44	4	126,186,133	138,506,420	2	0	2	1
Case 44	4	138,511,228	176,818,931	3	0	3	1
Case 44	4	176,820,049	182,066,471	2	0	2	1
Case 44	4	182,066,869	188,110,164	3	0	3	1

Case 44	4	188,114,093	190,963,766	2	0	2	1
Case 44	5	38,139	26,723,783	4	0	4	1
Case 44	5	26,726,226	27,793,344	5	0	5	1
Case 44	5	27,804,605	41,219,940	4	0	4	1
Case 44	5	41,220,990	41,263,582	5	0	5	1
Case 44	5	41,263,849	46,117,770	4	0	4	1
Case 44	5	46,127,095	46,378,957	3	0	3	1
Case 44	5	46,399,093	46,399,093	2	0	2	1
Case 44	5	49,457,282	49,586,870	2	0	2	1
Case 44	5	49,597,497	99,265,096	3	0	3	1
Case 44	5	99,265,408	105,471,506	2	0	2	1
Case 44	5	105,507,543	162,632,615	3	0	3	1
Case 44	5	162,633,207	166,789,841	2	0	2	1
Case 44	5	166,792,419	171,343,349	3	0	3	1
Case 44	5	171,384,675	180,693,127	4	0	4	1
Case 44	6	108,666	8,158,396	3	0	3	1
Case 44	6	8,170,017	10,271,276	2	0	2	1
Case 44	6	10,273,963	27,998,258	3	0	3	1
Case 44	6	27,999,044	28,784,741	2	0	2	1
Case 44	6	28,786,884	32,216,793	2	2	4	0
Case 44	6	32,217,846	32,246,156	3	2	5	0
Case 44	6	32,252,678	32,327,781	3	1	4	0
Case 44	6	32,328,403	33,957,134	2	1	3	0
Case 44	6	33,960,611	35,727,655	3	2	5	0
Case 44	6	35,730,950	35,782,386	2	1	3	0
Case 44	6	35,782,525	37,761,564	3	2	5	0
Case 44	6	37,767,685	38,304,882	4	2	6	0
Case 44	6	38,305,770	44,525,989	3	2	5	0
Case 44	6	44,526,440	46,588,421	2	1	3	0
Case 44	6	46,588,968	46,594,121	3	2	5	0
Case 44	6	46,596,286	56,722,235	2	1	3	0
Case 44	6	56,726,819	57,161,932	3	2	5	0
Case 44	6	57,162,703	58,752,089	2	2	4	0
Case 44	6	61,891,118	63,358,826	2	2	4	0
Case 44	6	63,375,122	63,733,495	3	2	5	0
Case 44	6	63,746,291	75,319,716	2	2	4	0
Case 44	6	75,320,927	75,750,133	3	2	5	0
Case 44	6	75,752,445	80,016,681	2	2	4	0
Case 44	6	80,018,505	91,395,059	3	0	3	1
Case 44	6	91,396,592	106,145,993	2	0	2	1
Case 44	6	106,147,299	129,799,682	3	0	3	1
Case 44	6	129,802,475	129,835,814	2	0	2	1
Case 44	6	129,836,336	132,611,762	3	0	3	1
Case 44	6	132,617,072	133,126,220	2	2	4	0
Case 44	6	133,132,500	133,396,241	2	1	3	0
Case 44	6	133,396,480	170,980,171	2	2	4	0
Case 44	7	44,935	12,972,070	2	2	4	0
Case 44	7	12,972,239	13,287,995	3	2	5	0
Case 44	7	13,289,250	16,822,753	2	2	4	0
Case 44	7	16,823,169	18,336,292	3	2	5	0
Case 44	7	18,338,350	18,391,557	3	3	6	0
Case 44	7	18,392,320	39,930,518	2	2	4	0
Case 44	7	39,939,960	40,525,965	4	2	6	0
Case 44	7	40,535,883	45,283,169	3	2	5	0
Case 44	7	45,287,160	47,316,586	4	2	6	0
Case 44	7	47,317,046	58,019,061	3	2	5	0
Case 44	7	61,056,053	61,138,655	3	2	5	0
Case 44	7	61,747,794	62,154,874	2	1	3	0
Case 44	7	62,159,926	62,479,327	1	1	2	0
Case 44	7	62,510,311	91,584,356	2	2	4	0
Case 44	7	91,588,036	92,332,375	3	2	5	0



Case 44	7	92,333,408	125,853,688	2	2	4	0
Case 44	7	125,866,526	126,028,624	3	2	5	0
Case 44	7	126,037,315	127,175,236	2	2	4	0
Case 44	7	127,178,162	128,366,896	3	0	3	1
Case 44	7	128,368,205	128,511,731	2	0	2	1
Case 44	7	128,515,846	136,797,182	2	2	4	0
Case 44	7	136,798,166	136,915,059	3	2	5	0
Case 44	7	136,915,408	150,447,249	2	2	4	0
Case 44	7	150,455,295	150,483,512	3	3	6	0
Case 44	7	150,485,401	154,149,688	2	2	4	0
Case 44	7	154,150,550	154,458,446	4	2	6	0
Case 44	7	154,461,112	156,111,133	3	2	5	0
Case 44	7	156,113,163	156,450,897	5	2	7	0
Case 44	7	156,451,155	158,524,763	3	0	3	1
Case 44	7	158,524,830	158,526,880	4	0	4	1
Case 44	7	158,527,605	159,119,486	3	0	3	1
Case 44	8	164,984	221,671	3	0	3	1
Case 44	8	221,922	17,674,988	2	0	2	1
Case 44	8	17,681,402	17,753,872	5	0	5	1
Case 44	8	17,754,461	17,804,719	4	0	4	1
Case 44	8	17,804,768	43,791,691	3	0	3	1
Case 44	8	46,886,735	47,042,399	3	0	3	1
Case 44	8	47,060,602	100,168,015	4	2	6	0
Case 44	8	100,180,871	100,832,259	2	1	3	0
Case 44	8	100,833,621	100,861,113	2	0	2	1
Case 44	8	100,865,836	105,351,943	4	2	6	0
Case 44	8	105,351,998	105,423,221	3	2	5	0
Case 44	8	105,423,590	133,033,089	4	2	6	0
Case 44	8	133,034,922	140,789,847	3	2	5	0
Case 44	8	140,792,787	146,194,119	4	2	6	0
Case 44	8	146,200,945	146,262,671	5	2	7	0
Case 44	8	146,264,325	146,293,414	3	2	5	0
Case 44	9	46,587	839,141	0	0	0	0
Case 44	9	840,501	7,124,297	3	0	3	1
Case 44	9	7,124,815	12,366,893	2	0	2	1
Case 44	9	12,366,992	28,412,375	3	0	3	1
Case 44	9	28,412,544	30,698,142	2	0	2	1
Case 44	9	30,713,637	31,116,343	6	2	8	0
Case 44	9	31,116,823	31,602,656	5	2	7	0
Case 44	9	31,608,609	34,587,485	2	2	4	0
Case 44	9	34,592,699	38,746,404	3	0	3	1
Case 44	9	38,747,064	46,944,322	2	1	3	0
Case 44	9	65,629,772	114,449,970	3	2	5	0
Case 44	9	114,453,006	114,546,234	4	3	7	0
Case 44	9	114,557,475	141,066,491	3	2	5	0
Case 44	10	98,087	1,018,585	4	2	6	0
Case 44	10	1,032,568	32,067,305	2	2	4	0
Case 44	10	32,070,331	33,255,172	3	2	5	0
Case 44	10	33,260,699	39,070,516	2	2	4	0
Case 44	10	39,088,829	39,097,912	2	0	2	1
Case 44	10	42,436,301	61,087,914	2	0	2	1
Case 44	10	61,091,607	83,091,584	3	0	3	1
Case 44	10	83,093,068	87,767,044	2	0	2	1
Case 44	10	87,768,614	91,571,200	3	0	3	1
Case 44	10	91,573,992	93,176,418	2	0	2	1
Case 44	10	93,177,933	106,842,041	3	0	3	1
Case 44	10	106,845,381	111,224,826	2	0	2	1
Case 44	10	111,236,512	122,374,787	3	0	3	1
Case 44	10	122,383,804	123,491,643	13	0	13	1
Case 44	10	123,494,644	123,795,655	15	0	15	1
Case 44	10	123,796,743	124,258,081	10	0	10	1

Case 44	10	124,259,062	124,533,058	8	0	8	1
Case 44	10	124,536,352	125,151,935	6	1	7	0
Case 44	10	125,157,288	126,419,153	7	1	8	0
Case 44	10	126,438,019	135,477,883	3	0	3	1
Case 44	11	193,146	14,685,078	2	2	4	0
Case 44	11	14,690,192	14,855,923	3	2	5	0
Case 44	11	14,860,270	16,015,766	2	2	4	0
Case 44	11	16,022,866	17,062,454	3	0	3	1
Case 44	11	17,069,800	20,424,519	2	2	4	0
Case 44	11	20,429,454	20,490,704	3	3	6	0
Case 44	11	20,495,405	32,554,805	2	2	4	0
Case 44	11	32,571,594	33,291,462	3	2	5	0
Case 44	11	33,302,060	49,458,055	2	2	4	0
Case 44	11	49,464,833	49,836,893	3	2	5	0
Case 44	11	49,845,560	51,591,253	2	2	4	0
Case 44	11	54,794,237	95,937,792	2	2	4	0
Case 44	11	95,938,154	97,352,205	3	2	5	0
Case 44	11	97,356,569	128,844,481	2	2	4	0
Case 44	11	128,844,513	129,165,818	3	2	5	0
Case 44	11	129,167,003	134,934,063	2	2	4	0
Case 44	12	191,619	21,473,072	3	0	3	1
Case 44	12	21,473,803	21,482,399	2	0	2	1
Case 44	12	21,482,481	34,245,756	3	0	3	1
Case 44	12	34,263,134	34,819,926	2	0	2	1
Case 44	12	34,826,574	34,853,011	2	1	3	0
Case 44	12	37,876,400	51,089,718	2	1	3	0
Case 44	12	51,097,971	51,966,424	3	2	5	0
Case 44	12	51,966,950	52,115,545	4	2	6	0
Case 44	12	52,139,786	54,203,866	3	2	5	0
Case 44	12	54,206,785	54,357,198	2	1	3	0
Case 44	12	54,360,429	59,546,012	3	2	5	0
Case 44	12	59,550,108	61,664,878	5	2	7	0
Case 44	12	61,672,165	61,802,276	2	1	3	0
Case 44	12	61,815,188	62,846,446	7	2	9	0
Case 44	12	62,851,547	67,169,731	5	2	7	0
Case 44	12	67,170,147	68,706,883	6	1	7	0
Case 44	12	68,707,287	69,411,195	5	2	7	0
Case 44	12	69,417,521	69,963,871	3	2	5	0
Case 44	12	69,964,199	70,443,484	4	2	6	0
Case 44	12	70,443,928	72,977,698	3	2	5	0
Case 44	12	72,993,694	74,924,511	5	2	7	0
Case 44	12	74,924,819	75,823,983	3	1	4	0
Case 44	12	75,841,767	90,955,971	2	1	3	0
Case 44	12	90,958,980	91,293,264	3	1	4	0
Case 44	12	91,296,986	105,144,974	2	1	3	0
Case 44	12	105,147,993	106,048,984	3	1	4	0
Case 44	12	106,051,522	112,666,518	2	1	3	0
Case 44	12	112,667,572	122,963,550	2	2	4	0
Case 44	12	122,966,373	123,124,702	3	2	5	0
Case 44	12	123,131,824	133,810,935	2	2	4	0
Case 44	13	19,058,717	21,048,924	4	0	4	1
Case 44	13	21,050,575	21,483,113	6	0	6	1
Case 44	13	21,483,892	24,374,905	4	0	4	1
Case 44	13	24,379,138	24,430,875	5	0	5	1
Case 44	13	24,431,745	24,521,485	6	0	6	1
Case 44	13	24,524,626	24,931,981	5	0	5	1
Case 44	13	24,936,847	30,606,408	4	0	4	1
Case 44	13	30,606,905	30,879,318	5	0	5	1
Case 44	13	30,884,562	35,862,493	4	0	4	1
Case 44	13	35,867,044	35,933,714	5	0	5	1
Case 44	13	35,950,999	47,841,615	4	0	4	1

Case 44	13	47,843,377	104,373,617	5	0	5	1
Case 44	13	104,375,959	104,609,779	6	0	6	1
Case 44	13	104,612,594	115,103,529	5	0	5	1
Case 44	14	19,280,733	20,626,291	3	1	4	0
Case 44	14	20,637,198	20,944,569	3	2	5	0
Case 44	14	20,946,932	22,220,569	5	1	6	0
Case 44	14	22,221,211	22,526,881	7	2	9	0
Case 44	14	22,528,345	22,851,273	9	2	11	0
Case 44	14	22,851,830	22,972,986	7	2	9	0
Case 44	14	22,974,256	23,873,092	6	1	7	0
Case 44	14	23,873,927	48,252,682	2	1	3	0
Case 44	14	48,264,050	51,903,109	3	1	4	0
Case 44	14	51,904,869	99,751,588	2	1	3	0
Case 44	14	99,751,937	100,080,335	3	0	3	1
Case 44	14	100,082,888	101,071,722	2	2	4	0
Case 44	14	101,094,177	102,183,359	3	2	5	0
Case 44	14	102,198,596	102,713,581	3	0	3	1
Case 44	14	102,717,231	107,287,663	2	1	3	0
Case 44	15	20,034,919	22,369,360	1	0	1	0
Case 44	15	22,382,854	29,454,634	2	0	2	1
Case 44	15	29,467,605	42,229,041	3	0	3	1
Case 44	15	42,230,600	43,097,652	5	0	5	1
Case 44	15	43,101,366	43,452,904	6	0	6	1
Case 44	15	43,461,831	45,847,921	5	0	5	1
Case 44	15	45,872,269	50,048,674	2	0	2	1
Case 44	15	50,050,824	63,722,915	3	0	3	1
Case 44	15	63,733,263	86,013,601	4	0	4	1
Case 44	15	86,016,573	89,513,031	3	0	3	1
Case 44	15	89,532,776	95,690,709	4	0	4	1
Case 44	15	95,700,505	100,865,297	3	0	3	1
Case 44	15	100,866,433	101,888,311	4	0	4	1
Case 44	15	101,889,555	102,461,162	3	0	3	1
Case 44	16	88,165	35,285,582	3	0	3	1
Case 44	16	46,450,037	61,594,610	3	0	3	1
Case 44	16	61,597,859	65,299,609	2	0	2	1
Case 44	16	65,302,294	90,274,695	3	0	3	1
Case 44	17	11,885	14,292,908	3	0	3	1
Case 44	17	14,294,021	17,788,344	4	0	4	1
Case 44	17	17,803,003	18,917,324	5	0	5	1
Case 44	17	18,917,915	21,831,307	3	0	3	1
Case 44	17	21,835,272	22,242,355	5	0	5	1
Case 44	17	25,268,142	25,268,142	5	0	5	1
Case 44	17	25,295,032	29,047,285	2	1	3	0
Case 44	17	29,060,766	48,119,457	3	2	5	0
Case 44	17	48,122,322	48,849,868	4	1	5	0
Case 44	17	48,851,094	63,914,750	3	2	5	0
Case 44	17	63,923,713	64,197,405	4	3	7	0
Case 44	17	64,200,241	81,060,040	3	2	5	0
Case 44	18	87,505	1,063,447	5	0	5	1
Case 44	18	1,065,350	2,694,636	6	0	6	1
Case 44	18	2,698,023	2,817,052	8	0	8	1
Case 44	18	2,819,761	5,025,995	6	0	6	1
Case 44	18	5,026,100	9,117,899	5	0	5	1
Case 44	18	9,122,532	9,357,576	7	0	7	1
Case 44	18	9,360,013	14,903,483	6	0	6	1
Case 44	18	14,914,854	15,375,878	5	0	5	1
Case 44	18	18,520,354	19,475,555	5	0	5	1
Case 44	18	19,480,017	30,246,217	4	0	4	1
Case 44	18	30,249,433	31,718,525	0	0	0	0
Case 44	18	31,738,649	59,731,955	4	0	4	1
Case 44	18	59,734,744	59,997,434	5	0	5	1

Case 44	18	60,000,379	78,015,180	4	0	4	1
Case 44	19	260,912	8,636,109	3	0	3	1
Case 44	19	8,642,160	8,789,484	2	0	2	1
Case 44	19	8,789,773	20,209,589	3	0	3	1
Case 44	19	20,211,540	24,629,285	2	0	2	1
Case 44	19	27,732,159	28,385,923	2	0	2	1
Case 44	19	28,388,807	28,643,967	3	0	3	1
Case 44	19	28,647,589	28,822,169	5	0	5	1
Case 44	19	28,832,269	29,290,513	2	0	2	1
Case 44	19	29,292,414	30,882,535	5	0	5	1
Case 44	19	30,884,407	31,940,087	2	0	2	1
Case 44	19	31,949,453	49,663,789	3	0	3	1
Case 44	19	49,667,351	59,097,160	2	2	4	0
Case 44	20	63,244	602,622	3	0	3	1
Case 44	20	603,620	3,915,064	5	1	6	0
Case 44	20	3,921,964	5,965,549	6	1	7	0
Case 44	20	5,966,578	7,601,460	5	2	7	0
Case 44	20	7,605,418	8,454,206	4	2	6	0
Case 44	20	8,461,826	13,869,131	5	2	7	0
Case 44	20	13,870,939	14,576,448	2	2	4	0
Case 44	20	14,579,703	14,847,907	3	0	3	1
Case 44	20	14,853,050	26,293,985	2	2	4	0
Case 44	20	29,425,357	45,941,713	2	2	4	0
Case 44	20	45,947,845	50,383,679	3	2	5	0
Case 44	20	50,395,283	51,509,864	4	2	6	0
Case 44	20	51,514,621	55,991,823	4	0	4	1
Case 44	20	55,997,468	60,964,301	3	2	5	0
Case 44	20	60,964,629	62,126,299	4	2	6	0
Case 44	20	62,126,745	62,948,788	3	2	5	0
Case 44	21	10,827,533	10,971,337	3	0	3	1
Case 44	21	14,368,320	20,092,485	3	0	3	1
Case 44	21	20,099,787	22,563,193	2	0	2	1
Case 44	21	22,572,304	24,936,629	2	1	3	0
Case 44	21	24,942,410	25,858,886	2	0	2	1
Case 44	21	25,865,342	35,782,033	2	1	3	0
Case 44	21	35,783,219	38,390,444	3	0	3	1
Case 44	21	38,390,716	40,157,281	2	1	3	0
Case 44	21	40,169,139	41,986,158	3	0	3	1
Case 44	21	41,993,707	42,852,320	2	1	3	0
Case 44	21	42,852,497	43,060,084	4	1	5	0
Case 44	21	43,060,391	43,944,231	2	1	3	0
Case 44	21	43,950,304	47,308,623	3	0	3	1
Case 44	21	47,312,800	48,100,155	2	1	3	0
Case 44	22	16,114,244	51,195,728	3	0	3	1
Case 44	X	2,700,157	58,488,110	3	0	3	1
Case 44	X	61,694,576	73,050,564	3	0	3	1
Case 44	X	73,076,337	154,898,561	2	1	3	0
Case 45	1	82,154	3,789,061	2	2	4	0
Case 45	1	3,789,087	15,334,782	3	2	5	0
Case 45	1	15,335,548	121,346,616	2	2	4	0
Case 45	1	142,649,718	157,542,162	3	2	5	0
Case 45	1	157,542,216	157,634,415	2	2	4	0
Case 45	1	157,637,964	240,778,731	3	2	5	0
Case 45	1	240,783,716	241,183,893	2	2	4	0
Case 45	1	241,185,048	247,815,357	3	2	5	0
Case 45	1	247,828,797	247,865,773	2	2	4	0
Case 45	1	247,868,113	249,218,992	3	2	5	0
Case 45	2	18,674	92,081,640	3	2	5	0
Case 45	2	95,429,424	131,520,828	3	2	5	0
Case 45	2	131,520,942	133,034,154	2	2	4	0
Case 45	2	133,038,729	243,048,760	3	2	5	0

Case 45	3	61,495	1,197,281	2	2	4	0
Case 45	3	1,202,295	1,276,092	3	2	5	0
Case 45	3	1,286,804	20,554,738	2	2	4	0
Case 45	3	20,559,052	25,654,677	3	2	5	0
Case 45	3	25,656,775	29,993,977	2	2	4	0
Case 45	3	29,995,340	42,366,706	3	2	5	0
Case 45	3	42,371,742	57,695,201	2	2	4	0
Case 45	3	57,702,947	59,924,843	3	2	5	0
Case 45	3	59,925,591	60,574,546	2	2	4	0
Case 45	3	60,576,324	74,344,356	3	2	5	0
Case 45	3	74,345,173	79,785,218	2	2	4	0
Case 45	3	79,789,314	90,442,925	3	2	5	0
Case 45	3	93,537,290	127,094,785	3	2	5	0
Case 45	3	127,097,277	130,255,483	2	2	4	0
Case 45	3	130,255,698	175,096,546	3	2	5	0
Case 45	3	175,102,338	175,296,589	2	2	4	0
Case 45	3	175,326,982	197,838,262	3	2	5	0
Case 45	4	71,566	49,620,898	2	2	4	0
Case 45	4	52,697,856	93,987,251	2	2	4	0
Case 45	4	93,989,892	146,167,657	3	2	5	0
Case 45	4	146,173,197	190,963,766	2	2	4	0
Case 45	5	38,139	8,867,419	2	2	4	0
Case 45	5	8,870,267	17,381,321	3	2	5	0
Case 45	5	17,391,377	19,158,050	2	2	4	0
Case 45	5	19,160,015	45,841,630	3	2	5	0
Case 45	5	45,874,923	46,399,093	2	2	4	0
Case 45	5	49,457,282	49,492,838	2	2	4	0
Case 45	5	49,522,346	83,508,667	3	2	5	0
Case 45	5	83,511,806	129,648,250	2	2	4	0
Case 45	5	129,651,210	161,154,713	3	2	5	0
Case 45	5	161,172,541	166,417,375	2	2	4	0
Case 45	5	166,423,776	180,693,127	3	2	5	0
Case 45	6	108,666	1,620,037	3	2	5	0
Case 45	6	1,621,404	2,052,811	2	2	4	0
Case 45	6	2,059,110	30,196,980	3	2	5	0
Case 45	6	30,199,016	30,209,062	2	2	4	0
Case 45	6	30,209,493	58,333,290	3	2	5	0
Case 45	6	58,344,955	58,752,089	2	2	4	0
Case 45	6	61,891,118	170,980,171	2	2	4	0
Case 45	7	44,935	3,018,962	2	2	4	0
Case 45	7	3,020,375	38,298,285	3	2	5	0
Case 45	7	38,313,248	38,356,545	3	3	6	0
Case 45	7	38,357,075	48,457,344	3	2	5	0
Case 45	7	48,457,425	48,479,620	2	2	4	0
Case 45	7	48,479,836	58,019,061	3	2	5	0
Case 45	7	61,056,053	71,000,614	3	2	5	0
Case 45	7	71,006,669	86,633,357	2	2	4	0
Case 45	7	86,639,826	89,474,743	3	2	5	0
Case 45	7	89,482,839	91,922,502	2	2	4	0
Case 45	7	91,925,256	100,211,556	3	2	5	0
Case 45	7	100,212,254	159,119,486	2	2	4	0
Case 45	8	164,984	43,791,691	3	2	5	0
Case 45	8	46,886,735	144,364,579	3	2	5	0
Case 45	8	144,376,881	146,293,414	2	2	4	0
Case 45	9	46,587	46,944,322	2	2	4	0
Case 45	9	65,629,772	115,821,485	2	2	4	0
Case 45	9	115,852,715	115,874,261	3	2	5	0
Case 45	9	115,881,664	141,066,491	2	2	4	0
Case 45	10	98,087	32,684,126	2	2	4	0
Case 45	10	32,684,427	38,154,415	3	2	5	0
Case 45	10	38,193,129	39,097,912	2	2	4	0

Case 45	10	42,436,301	43,262,368	2	2	4	0
Case 45	10	43,264,591	55,949,937	3	2	5	0
Case 45	10	55,951,332	83,756,102	2	2	4	0
Case 45	10	83,757,021	124,512,299	3	2	5	0
Case 45	10	124,515,295	127,720,923	2	2	4	0
Case 45	10	127,722,122	128,027,301	3	2	5	0
Case 45	10	128,030,262	135,477,883	2	2	4	0
Case 45	11	193,146	34,981,990	2	2	4	0
Case 45	11	34,982,013	49,401,125	3	2	5	0
Case 45	11	49,426,062	51,591,253	2	2	4	0
Case 45	11	54,794,237	56,113,575	2	2	4	0
Case 45	11	56,113,593	57,185,284	3	2	5	0
Case 45	11	57,185,404	134,934,063	2	2	4	0
Case 45	12	191,619	1,025,863	3	2	5	0
Case 45	12	1,025,869	1,121,571	2	2	4	0
Case 45	12	1,133,151	33,512,136	3	2	5	0
Case 45	12	33,517,984	34,853,011	2	2	4	0
Case 45	12	37,876,400	40,653,340	2	2	4	0
Case 45	12	40,653,988	131,627,932	3	2	5	0
Case 45	12	131,628,061	133,810,935	2	2	4	0
Case 45	13	19,058,717	25,235,968	2	2	4	0
Case 45	13	25,236,232	90,894,588	3	2	5	0
Case 45	13	90,894,898	94,293,676	2	2	4	0
Case 45	13	94,294,144	115,103,529	3	2	5	0
Case 45	14	19,280,733	65,205,490	3	2	5	0
Case 45	14	65,205,500	107,287,663	2	2	4	0
Case 45	15	20,034,919	36,618,505	2	2	4	0
Case 45	15	36,625,687	37,495,601	3	2	5	0
Case 45	15	37,496,211	38,158,758	2	2	4	0
Case 45	15	38,161,914	39,062,418	3	2	5	0
Case 45	15	39,063,641	57,057,885	2	2	4	0
Case 45	15	57,065,787	102,461,162	3	2	5	0
Case 45	16	88,165	5,359,353	2	2	4	0
Case 45	16	5,361,883	17,841,757	3	2	5	0
Case 45	16	17,843,026	35,285,582	2	2	4	0
Case 45	16	46,450,037	56,394,035	3	2	5	0
Case 45	16	56,396,486	90,274,695	2	2	4	0
Case 45	17	11,885	22,242,355	3	2	5	0
Case 45	17	25,268,142	28,182,685	3	2	5	0
Case 45	17	28,183,059	29,884,773	2	2	4	0
Case 45	17	29,889,952	34,436,708	3	2	5	0
Case 45	17	34,443,811	34,466,631	4	2	6	0
Case 45	17	34,468,886	51,158,147	3	2	5	0
Case 45	17	51,158,857	52,792,525	2	2	4	0
Case 45	17	52,794,475	81,060,040	3	2	5	0
Case 45	18	87,505	15,375,878	3	2	5	0
Case 45	18	18,520,354	23,927,627	3	2	5	0
Case 45	18	23,954,481	24,180,689	8	1	9	0
Case 45	18	24,181,134	24,452,435	7	1	8	0
Case 45	18	24,453,731	24,827,956	4	2	6	0
Case 45	18	24,830,305	78,015,180	2	2	4	0
Case 45	19	260,912	22,689,387	2	2	4	0
Case 45	19	22,692,172	22,826,728	3	2	5	0
Case 45	19	22,834,360	24,629,285	2	2	4	0
Case 45	19	27,732,159	28,178,423	2	2	4	0
Case 45	19	28,185,193	37,484,649	3	2	5	0
Case 45	19	37,487,632	37,693,542	2	2	4	0
Case 45	19	37,712,984	59,097,160	3	2	5	0
Case 45	20	63,244	15,026,818	3	2	5	0
Case 45	20	15,027,713	26,293,985	2	2	4	0
Case 45	20	29,425,357	29,530,880	2	2	4	0

Case 45	20	29,540,629	55,586,326	3	2	5	0
Case 45	20	55,590,298	62,948,788	2	2	4	0
Case 45	21	10,827,533	10,971,337	2	2	4	0
Case 45	21	14,368,320	48,100,155	2	2	4	0
Case 45	22	16,114,244	19,188,971	3	2	5	0
Case 45	22	19,195,680	25,571,301	2	2	4	0
Case 45	22	25,572,748	37,261,015	3	2	5	0
Case 45	22	37,261,097	51,195,728	2	2	4	0
Case 45	X	2,700,157	58,488,110	3	2	5	0
Case 45	X	61,694,576	154,898,561	3	2	5	0
Case 47	1	82,154	7,955,894	1	1	2	0
Case 47	1	7,961,206	8,177,028	1	0	1	0
Case 47	1	8,177,564	8,274,807	2	0	2	1
Case 47	1	8,278,899	121,346,616	1	1	2	0
Case 47	1	142,649,718	249,218,992	1	1	2	0
Case 47	2	18,674	59,517,986	1	1	2	0
Case 47	2	59,521,784	60,554,216	2	1	3	0
Case 47	2	60,560,560	69,139,834	1	1	2	0
Case 47	2	69,140,137	69,155,326	2	1	3	0
Case 47	2	69,158,120	92,081,640	1	1	2	0
Case 47	2	95,429,424	243,048,760	1	1	2	0
Case 47	3	61,495	90,442,925	1	1	2	0
Case 47	3	93,537,290	197,838,262	1	1	2	0
Case 47	4	71,566	49,620,898	1	1	2	0
Case 47	4	52,697,856	78,103,458	1	1	2	0
Case 47	4	78,106,123	78,344,132	2	1	3	0
Case 47	4	78,346,794	190,963,766	1	1	2	0
Case 47	5	38,139	46,399,093	1	1	2	0
Case 47	5	49,457,282	180,693,127	1	1	2	0
Case 47	6	108,666	31,356,574	1	1	2	0
Case 47	6	31,360,255	31,453,640	0	0	0	0
Case 47	6	31,456,567	32,722,186	1	1	2	0
Case 47	6	32,722,532	32,733,931	2	1	3	0
Case 47	6	32,733,987	41,658,889	1	1	2	0
Case 47	6	41,664,501	41,684,645	2	1	3	0
Case 47	6	41,687,366	58,752,089	1	1	2	0
Case 47	6	61,891,118	167,397,614	1	1	2	0
Case 47	6	167,398,071	167,502,638	1	0	1	0
Case 47	6	167,505,791	167,624,079	2	1	3	0
Case 47	6	167,634,544	170,980,171	1	1	2	0
Case 47	7	44,935	93,811	4	0	4	1
Case 47	7	94,119	58,019,061	2	1	3	0
Case 47	7	61,056,053	159,119,486	2	1	3	0
Case 47	8	164,984	43,791,691	3	0	3	1
Case 47	8	46,886,735	146,293,414	3	0	3	1
Case 47	9	46,587	46,944,322	2	1	3	0
Case 47	9	65,629,772	141,066,491	2	1	3	0
Case 47	10	98,087	39,097,912	1	1	2	0
Case 47	10	42,436,301	72,832,086	1	1	2	0
Case 47	10	72,847,054	75,241,418	1	0	1	0
Case 47	10	75,245,252	88,683,223	1	1	2	0
Case 47	10	88,688,336	91,469,005	1	0	1	0
Case 47	10	91,469,145	91,927,196	0	0	0	0
Case 47	10	91,927,669	92,513,249	1	0	1	0
Case 47	10	92,514,739	105,453,452	1	1	2	0
Case 47	10	105,460,401	105,474,652	2	1	3	0
Case 47	10	105,477,163	135,477,883	1	1	2	0
Case 47	11	193,146	5,878,836	1	1	2	0
Case 47	11	5,899,862	5,959,757	2	1	3	0
Case 47	11	5,960,036	51,591,253	1	1	2	0
Case 47	11	54,794,237	134,934,063	1	1	2	0

Case 47	12	191,619	8,008,132	1	1	2	0
Case 47	12	8,008,179	8,125,745	3	2	5	0
Case 47	12	8,130,958	34,853,011	1	1	2	0
Case 47	12	37,876,400	106,161,826	1	1	2	0
Case 47	12	106,168,928	106,593,535	2	1	3	0
Case 47	12	106,593,927	133,810,935	1	1	2	0
Case 47	13	19,058,717	115,103,529	1	1	2	0
Case 47	14	19,280,733	107,287,663	1	1	2	0
Case 47	15	20,034,919	102,461,162	1	1	2	0
Case 47	16	88,165	35,285,582	1	1	2	0
Case 47	16	46,450,037	90,274,695	1	1	2	0
Case 47	17	11,885	20,865,108	1	0	1	0
Case 47	17	20,866,865	22,242,355	1	1	2	0
Case 47	17	25,268,142	25,295,032	1	1	2	0
Case 47	17	25,329,949	34,432,735	2	1	3	0
Case 47	17	34,436,532	34,597,521	3	1	4	0
Case 47	17	34,815,551	81,060,040	2	1	3	0
Case 47	18	87,505	9,251,236	2	0	2	1
Case 47	18	9,254,308	9,348,490	1	0	1	0
Case 47	18	9,352,858	15,375,878	2	0	2	1
Case 47	18	18,520,354	48,476,450	2	0	2	1
Case 47	18	48,485,967	51,656,039	1	0	1	0
Case 47	18	51,674,135	64,734,174	2	0	2	1
Case 47	18	64,741,828	64,849,002	0	0	0	0
Case 47	18	64,850,490	78,015,180	2	0	2	1
Case 47	19	260,912	11,698,138	1	1	2	0
Case 47	19	11,699,193	12,581,063	1	0	1	0
Case 47	19	12,586,385	24,629,285	1	1	2	0
Case 47	19	27,732,159	27,978,445	1	1	2	0
Case 47	19	27,983,651	59,097,160	3	1	4	0
Case 47	20	63,244	26,293,985	2	1	3	0
Case 47	20	29,425,357	62,948,788	2	1	3	0
Case 47	21	10,827,533	10,971,337	1	1	2	0
Case 47	21	14,368,320	35,773,931	1	1	2	0
Case 47	21	35,774,898	35,812,178	1	0	1	0
Case 47	21	35,812,627	48,100,155	1	1	2	0
Case 47	22	16,114,244	51,195,728	1	1	2	0
Case 47	X	2,700,157	58,488,110	1	0	1	0
Case 47	X	61,694,576	154,898,561	1	0	1	0
Case 49	1	82,154	121,346,616	1	1	2	0
Case 49	1	142,649,718	249,218,992	1	1	2	0
Case 49	2	18,674	92,081,640	1	1	2	0
Case 49	2	95,429,424	243,048,760	1	1	2	0
Case 49	3	61,495	90,442,925	1	1	2	0
Case 49	3	93,537,290	197,838,262	1	1	2	0
Case 49	4	71,566	49,620,898	1	1	2	0
Case 49	4	52,697,856	190,963,766	1	1	2	0
Case 49	5	38,139	46,399,093	1	1	2	0
Case 49	5	49,457,282	180,693,127	1	1	2	0
Case 49	6	108,666	58,752,089	1	1	2	0
Case 49	6	61,891,118	170,980,171	1	1	2	0
Case 49	7	44,935	58,019,061	1	1	2	0
Case 49	7	61,056,053	159,119,486	1	1	2	0
Case 49	8	164,984	43,791,691	1	1	2	0
Case 49	8	46,886,735	146,293,414	1	1	2	0
Case 49	9	46,587	46,944,322	1	1	2	0
Case 49	9	65,629,772	141,066,491	1	1	2	0
Case 49	10	98,087	39,097,912	1	1	2	0
Case 49	10	42,436,301	135,477,883	1	1	2	0
Case 49	11	193,146	51,591,253	1	1	2	0
Case 49	11	54,794,237	134,934,063	1	1	2	0



Case 49	12	191,619	34,853,011	1	1	2	0
Case 49	12	37,876,400	133,810,935	1	1	2	0
Case 49	13	19,058,717	115,103,529	1	1	2	0
Case 49	14	19,280,733	107,287,663	1	1	2	0
Case 49	15	20,034,919	102,461,162	1	1	2	0
Case 49	16	88,165	35,285,582	1	1	2	0
Case 49	16	46,450,037	90,274,695	1	1	2	0
Case 49	17	11,885	22,242,355	1	1	2	0
Case 49	17	25,268,142	34,436,708	1	1	2	0
Case 49	17	34,443,811	34,476,396	2	1	3	0
Case 49	17	34,597,521	81,060,040	1	1	2	0
Case 49	18	87,505	15,375,878	1	1	2	0
Case 49	18	18,520,354	78,015,180	1	1	2	0
Case 49	19	260,912	24,629,285	1	1	2	0
Case 49	19	27,732,159	59,097,160	1	1	2	0
Case 49	20	63,244	26,293,985	1	1	2	0
Case 49	20	29,425,357	62,948,788	1	1	2	0
Case 49	21	10,827,533	10,971,337	1	1	2	0
Case 49	21	14,368,320	48,100,155	1	1	2	0
Case 49	22	16,114,244	51,195,728	1	1	2	0
Case 49	X	2,700,157	58,488,110	1	0	1	0
Case 49	X	61,694,576	154,898,561	1	0	1	0
Case 50	1	82,154	71,954,701	2	0	2	1
Case 50	1	71,960,291	72,217,553	1	0	1	0
Case 50	1	72,222,487	72,480,008	0	0	0	0
Case 50	1	72,488,815	72,531,925	1	0	1	0
Case 50	1	72,532,506	102,647,938	2	0	2	1
Case 50	1	102,649,588	109,612,484	1	0	1	0
Case 50	1	109,612,806	111,183,367	2	0	2	1
Case 50	1	111,187,857	114,466,110	1	0	1	0
Case 50	1	114,471,189	114,797,698	2	0	2	1
Case 50	1	114,799,870	120,011,081	1	0	1	0
Case 50	1	120,014,607	121,346,616	2	0	2	1
Case 50	1	142,649,718	161,660,696	2	1	3	0
Case 50	1	161,661,489	246,091,276	2	2	4	0
Case 50	1	246,097,156	246,409,434	2	1	3	0
Case 50	1	246,410,112	246,618,880	1	0	1	0
Case 50	1	246,618,945	249,218,992	2	1	3	0
Case 50	2	18,674	42,091,025	1	1	2	0
Case 50	2	42,095,441	42,405,743	2	1	3	0
Case 50	2	42,419,829	49,247,259	1	1	2	0
Case 50	2	49,247,832	49,265,885	2	1	3	0
Case 50	2	49,266,314	73,938,295	1	1	2	0
Case 50	2	73,955,571	73,999,654	1	0	1	0
Case 50	2	74,007,136	77,797,064	1	1	2	0
Case 50	2	77,805,397	78,074,314	1	0	1	0
Case 50	2	78,075,083	79,779,796	1	1	2	0
Case 50	2	79,781,587	79,934,864	1	0	1	0
Case 50	2	79,935,003	80,095,216	2	0	2	1
Case 50	2	80,097,279	92,081,640	1	1	2	0
Case 50	2	95,429,424	96,737,083	3	1	4	0
Case 50	2	96,747,466	115,573,499	3	0	3	1
Case 50	2	115,577,204	123,796,040	2	0	2	1
Case 50	2	123,797,042	123,943,220	1	0	1	0
Case 50	2	123,951,832	139,082,736	2	0	2	1
Case 50	2	139,085,690	139,328,799	1	0	1	0
Case 50	2	139,332,687	144,505,690	2	0	2	1
Case 50	2	144,509,425	146,737,198	3	0	3	1
Case 50	2	146,740,793	149,170,115	2	0	2	1
Case 50	2	149,178,974	153,399,594	3	0	3	1
Case 50	2	153,402,571	155,291,579	2	0	2	1

Case 50	2	155,294,795	184,001,854	3	0	3	1
Case 50	2	184,013,706	187,360,053	2	0	2	1
Case 50	2	187,366,061	187,521,118	0	0	0	0
Case 50	2	187,521,260	187,562,355	1	0	1	0
Case 50	2	187,571,699	195,219,153	2	0	2	1
Case 50	2	195,266,232	243,048,760	3	0	3	1
Case 50	3	61,495	958,096	2	1	3	0
Case 50	3	963,381	3,581,077	2	0	2	1
Case 50	3	3,582,105	4,969,387	3	0	3	1
Case 50	3	4,973,586	6,753,259	2	0	2	1
Case 50	3	6,760,499	8,092,805	4	0	4	1
Case 50	3	8,093,466	9,689,712	5	0	5	1
Case 50	3	9,702,755	13,503,058	4	0	4	1
Case 50	3	13,504,556	13,677,946	5	0	5	1
Case 50	3	13,678,020	15,410,365	4	0	4	1
Case 50	3	15,427,117	16,381,111	2	0	2	1
Case 50	3	16,385,395	17,214,070	4	0	4	1
Case 50	3	17,221,252	19,103,739	5	0	5	1
Case 50	3	19,112,134	21,535,708	2	0	2	1
Case 50	3	21,544,296	22,318,273	5	0	5	1
Case 50	3	22,327,742	40,715,040	2	0	2	1
Case 50	3	40,722,876	41,220,433	3	0	3	1
Case 50	3	41,230,654	60,220,486	2	0	2	1
Case 50	3	60,228,660	60,908,013	0	0	0	0
Case 50	3	60,918,609	71,330,583	2	0	2	1
Case 50	3	71,330,949	71,677,817	1	0	1	0
Case 50	3	71,681,950	85,336,559	2	0	2	1
Case 50	3	85,349,089	85,656,222	1	0	1	0
Case 50	3	85,657,609	90,442,925	2	0	2	1
Case 50	3	93,537,290	93,537,290	2	0	2	1
Case 50	3	93,545,404	103,256,322	2	1	3	0
Case 50	3	103,271,449	175,066,203	2	0	2	1
Case 50	3	175,067,922	175,329,367	1	0	1	0
Case 50	3	175,334,302	197,838,262	2	0	2	1
Case 50	4	71,566	5,384,256	3	0	3	1
Case 50	4	5,387,403	49,620,898	2	0	2	1
Case 50	4	52,697,856	91,889,469	2	0	2	1
Case 50	4	91,894,603	92,053,582	1	0	1	0
Case 50	4	92,054,563	190,963,766	2	0	2	1
Case 50	5	38,139	46,378,957	3	1	4	0
Case 50	5	46,399,093	46,399,093	1	1	2	0
Case 50	5	49,457,282	103,989,098	1	1	2	0
Case 50	5	103,994,246	104,139,803	1	0	1	0
Case 50	5	104,147,248	105,350,426	1	1	2	0
Case 50	5	105,355,890	180,693,127	2	1	3	0
Case 50	6	108,666	1,921,848	2	0	2	1
Case 50	6	1,926,650	2,139,450	1	0	1	0
Case 50	6	2,145,136	53,427,397	2	0	2	1
Case 50	6	53,429,272	55,710,872	2	2	4	0
Case 50	6	55,711,211	58,752,089	2	1	3	0
Case 50	6	61,891,118	67,660,858	2	1	3	0
Case 50	6	67,664,566	123,945,300	2	2	4	0
Case 50	6	123,950,488	124,150,232	1	1	2	0
Case 50	6	124,153,758	137,234,633	2	2	4	0
Case 50	6	137,234,970	137,462,218	2	1	3	0
Case 50	6	137,464,218	144,446,518	2	2	4	0
Case 50	6	144,454,797	146,785,984	3	0	3	1
Case 50	6	146,794,697	147,723,577	2	0	2	1
Case 50	6	147,730,324	148,242,514	3	0	3	1
Case 50	6	148,247,765	150,412,758	2	0	2	1
Case 50	6	150,412,833	150,754,157	3	0	3	1

Case 50	6	150,755,619	162,667,011	2	0	2	1
Case 50	6	162,668,889	162,736,476	0	0	0	0
Case 50	6	162,737,217	163,192,038	2	0	2	1
Case 50	6	163,201,379	163,280,204	0	0	0	0
Case 50	6	163,284,038	170,980,171	2	0	2	1
Case 50	7	44,935	3,264,548	2	1	3	0
Case 50	7	3,264,878	3,727,993	2	2	4	0
Case 50	7	3,728,881	7,031,261	2	1	3	0
Case 50	7	7,040,309	32,694,219	2	2	4	0
Case 50	7	32,711,465	33,053,281	2	1	3	0
Case 50	7	33,054,435	56,841,344	2	2	4	0
Case 50	7	56,878,413	58,019,061	2	1	3	0
Case 50	7	61,056,053	69,432,765	2	1	3	0
Case 50	7	69,445,526	70,017,937	1	1	2	0
Case 50	7	70,018,135	76,185,628	2	1	3	0
Case 50	7	76,198,932	97,731,700	2	2	4	0
Case 50	7	97,734,248	102,999,943	2	1	3	0
Case 50	7	103,003,969	117,207,860	2	2	4	0
Case 50	7	117,214,089	117,307,108	2	1	3	0
Case 50	7	117,307,487	130,929,680	2	2	4	0
Case 50	7	130,932,541	132,489,250	2	1	3	0
Case 50	7	132,495,299	159,119,486	2	2	4	0
Case 50	8	164,984	2,132,561	1	1	2	0
Case 50	8	2,133,338	2,391,471	2	1	3	0
Case 50	8	2,394,776	35,754,100	1	1	2	0
Case 50	8	35,769,316	43,791,691	2	1	3	0
Case 50	8	46,886,735	146,293,414	2	1	3	0
Case 50	9	46,587	8,257,725	3	1	4	0
Case 50	9	8,258,063	8,786,827	2	1	3	0
Case 50	9	8,787,733	8,926,071	1	1	2	0
Case 50	9	8,926,956	9,102,409	1	0	1	0
Case 50	9	9,104,869	9,187,539	2	0	2	1
Case 50	9	9,188,865	9,380,781	1	0	1	0
Case 50	9	9,381,760	9,494,729	1	1	2	0
Case 50	9	9,495,226	9,649,668	1	0	1	0
Case 50	9	9,664,440	10,404,336	1	1	2	0
Case 50	9	10,409,555	12,509,667	2	1	3	0
Case 50	9	12,510,515	14,908,056	1	1	2	0
Case 50	9	14,919,539	28,795,700	2	1	3	0
Case 50	9	28,796,648	28,867,478	2	0	2	1
Case 50	9	28,869,800	30,057,012	2	1	3	0
Case 50	9	30,064,199	30,257,830	1	0	1	0
Case 50	9	30,260,156	46,944,322	2	1	3	0
Case 50	9	65,629,772	73,167,783	2	1	3	0
Case 50	9	73,168,680	119,576,802	1	1	2	0
Case 50	9	119,578,333	119,645,481	1	0	1	0
Case 50	9	119,646,682	128,546,359	1	1	2	0
Case 50	9	128,554,563	136,120,091	2	1	3	0
Case 50	9	136,121,441	136,179,407	2	2	4	0
Case 50	9	136,179,704	141,066,491	2	1	3	0
Case 50	10	98,087	39,097,912	2	1	3	0
Case 50	10	42,436,301	52,231,729	3	1	4	0
Case 50	10	52,232,694	54,807,938	4	1	5	0
Case 50	10	54,809,993	76,074,489	3	1	4	0
Case 50	10	76,089,182	76,373,904	1	0	1	0
Case 50	10	76,400,262	135,477,883	3	1	4	0
Case 50	11	193,146	8,751,746	3	0	3	1
Case 50	11	8,751,889	20,978,633	4	0	4	1
Case 50	11	20,980,037	34,753,375	2	0	2	1
Case 50	11	34,753,747	34,895,100	4	0	4	1
Case 50	11	34,902,135	50,551,954	2	0	2	1

Case 50	11	50,566,719	51,379,204	1	0	1	0
Case 50	11	51,383,999	51,591,253	2	0	2	1
Case 50	11	54,794,237	67,798,156	2	0	2	1
Case 50	11	67,798,567	116,438,851	3	0	3	1
Case 50	11	116,439,602	131,366,138	2	0	2	1
Case 50	11	131,368,641	132,314,776	1	0	1	0
Case 50	11	132,320,394	134,934,063	2	0	2	1
Case 50	12	191,619	351,711	2	0	2	1
Case 50	12	352,899	3,234,893	1	0	1	0
Case 50	12	3,238,008	3,431,571	2	0	2	1
Case 50	12	3,434,881	5,073,008	1	0	1	0
Case 50	12	5,073,375	11,768,969	2	0	2	1
Case 50	12	11,770,270	12,042,697	3	0	3	1
Case 50	12	12,045,185	34,853,011	2	0	2	1
Case 50	12	37,876,400	99,830,822	2	0	2	1
Case 50	12	99,837,070	99,960,522	1	0	1	0
Case 50	12	99,961,349	133,810,935	2	0	2	1
Case 50	13	19,058,717	106,567,388	4	0	4	1
Case 50	13	106,567,677	115,103,529	3	0	3	1
Case 50	14	19,280,733	22,204,568	2	0	2	1
Case 50	14	22,204,911	22,988,571	3	0	3	1
Case 50	14	22,997,833	45,433,309	2	0	2	1
Case 50	14	45,433,350	45,693,307	1	0	1	0
Case 50	14	45,693,341	92,659,940	2	0	2	1
Case 50	14	92,666,291	92,844,370	3	0	3	1
Case 50	14	92,846,294	107,287,663	2	0	2	1
Case 50	15	20,034,919	102,461,162	3	0	3	1
Case 50	16	88,165	6,272,049	1	0	1	0
Case 50	16	6,275,531	6,328,922	0	0	0	0
Case 50	16	6,336,737	6,404,837	1	0	1	0
Case 50	16	6,410,204	6,478,898	0	0	0	0
Case 50	16	6,481,458	6,678,811	1	0	1	0
Case 50	16	6,681,184	6,721,013	0	0	0	0
Case 50	16	6,721,292	6,891,681	1	0	1	0
Case 50	16	6,892,619	6,972,216	0	0	0	0
Case 50	16	6,993,055	7,030,485	1	0	1	0
Case 50	16	7,032,232	7,282,505	0	0	0	0
Case 50	16	7,283,180	17,183,641	1	0	1	0
Case 50	16	17,190,040	35,285,582	2	0	2	1
Case 50	16	46,450,037	51,813,861	2	0	2	1
Case 50	16	51,819,189	52,919,566	3	0	3	1
Case 50	16	52,936,826	78,546,225	2	0	2	1
Case 50	16	78,548,574	78,631,794	0	0	0	0
Case 50	16	78,635,193	78,769,788	1	0	1	0
Case 50	16	78,784,233	78,854,228	2	0	2	1
Case 50	16	78,854,487	78,902,681	0	0	0	0
Case 50	16	78,903,101	90,274,695	2	0	2	1
Case 50	17	11,885	21,798,506	2	0	2	1
Case 50	17	21,807,097	22,242,355	2	1	3	0
Case 50	17	25,268,142	28,075,046	2	1	3	0
Case 50	17	28,104,306	29,147,164	3	1	4	0
Case 50	17	29,158,515	69,842,086	1	1	2	0
Case 50	17	69,846,053	70,716,034	2	1	3	0
Case 50	17	70,716,264	81,060,040	1	1	2	0
Case 50	18	87,505	15,375,878	2	0	2	1
Case 50	18	18,520,354	47,818,688	2	0	2	1
Case 50	18	47,819,568	48,946,926	1	0	1	0
Case 50	18	48,948,604	78,015,180	2	0	2	1
Case 50	19	260,912	504,948	2	1	3	0
Case 50	19	506,712	1,101,992	2	0	2	1
Case 50	19	1,104,078	1,127,876	1	0	1	0

Case 50	19	1,132,637	20,809,176	2	0	2	1
Case 50	19	20,826,692	24,629,285	2	2	4	0
Case 50	19	27,732,159	29,327,736	2	2	4	0
Case 50	19	29,331,733	29,808,196	2	1	3	0
Case 50	19	29,809,851	29,902,465	3	2	5	0
Case 50	19	29,904,906	30,064,955	2	2	4	0
Case 50	19	30,065,285	31,350,366	3	2	5	0
Case 50	19	31,354,223	31,996,788	2	2	4	0
Case 50	19	32,011,548	32,608,345	2	1	3	0
Case 50	19	32,611,716	32,798,938	3	2	5	0
Case 50	19	32,809,751	37,099,623	2	2	4	0
Case 50	19	37,100,817	37,534,349	3	2	5	0
Case 50	19	37,547,219	37,643,534	2	1	3	0
Case 50	19	37,644,173	59,097,160	3	0	3	1
Case 50	20	63,244	4,769,374	2	2	4	0
Case 50	20	4,769,834	7,262,606	2	1	3	0
Case 50	20	7,271,214	8,450,247	2	2	4	0
Case 50	20	8,451,486	8,512,994	2	1	3	0
Case 50	20	8,517,451	14,169,136	2	2	4	0
Case 50	20	14,172,443	14,671,202	2	1	3	0
Case 50	20	14,672,177	14,837,965	1	0	1	0
Case 50	20	14,840,438	14,926,333	0	0	0	0
Case 50	20	14,926,362	15,041,361	1	0	1	0
Case 50	20	15,041,578	15,183,893	2	0	2	1
Case 50	20	15,189,598	15,527,445	2	1	3	0
Case 50	20	15,529,763	26,293,985	2	2	4	0
Case 50	20	29,425,357	62,948,788	2	2	4	0
Case 50	21	10,827,533	10,971,337	1	1	2	0
Case 50	21	14,368,320	48,100,155	1	1	2	0
Case 50	22	16,114,244	51,195,728	3	0	3	1
Case 50	X	2,700,157	26,252,686	2	0	2	1
Case 50	X	26,273,713	27,756,497	1	0	1	0
Case 50	X	27,758,574	28,233,053	2	0	2	1
Case 50	X	28,252,543	58,488,110	3	0	3	1
Case 50	X	61,694,576	154,898,561	3	0	3	1
Case 52	1	82,154	120,111,002	1	1	2	0
Case 52	1	120,115,384	120,164,966	2	1	3	0
Case 52	1	120,165,187	121,346,616	1	1	2	0
Case 52	1	142,649,718	249,218,992	1	1	2	0
Case 52	2	18,674	92,081,640	1	1	2	0
Case 52	2	95,429,424	243,048,760	1	1	2	0
Case 52	3	61,495	90,442,925	1	1	2	0
Case 52	3	93,537,290	197,838,262	1	1	2	0
Case 52	4	71,566	49,620,898	1	1	2	0
Case 52	4	52,697,856	190,963,766	1	1	2	0
Case 52	5	38,139	46,399,093	1	1	2	0
Case 52	5	49,457,282	180,693,127	1	1	2	0
Case 52	6	108,666	58,752,089	1	1	2	0
Case 52	6	61,891,118	170,980,171	1	1	2	0
Case 52	7	44,935	58,019,061	1	1	2	0
Case 52	7	61,056,053	159,119,486	1	1	2	0
Case 52	8	164,984	43,791,691	1	1	2	0
Case 52	8	46,886,735	126,419,188	1	1	2	0
Case 52	8	126,426,386	126,758,146	2	1	3	0
Case 52	8	126,761,402	127,366,340	1	1	2	0
Case 52	8	127,368,518	129,343,201	2	1	3	0
Case 52	8	129,351,485	146,293,414	1	1	2	0
Case 52	9	46,587	46,944,322	1	1	2	0
Case 52	9	65,629,772	141,066,491	1	1	2	0
Case 52	10	98,087	39,097,912	1	1	2	0
Case 52	10	42,436,301	135,477,883	1	1	2	0

Case 52	11	193,146	51,591,253	1	1	2	0
Case 52	11	54,794,237	134,934,063	1	1	2	0
Case 52	12	191,619	34,853,011	1	1	2	0
Case 52	12	37,876,400	133,810,935	1	1	2	0
Case 52	13	19,058,717	115,103,529	1	1	2	0
Case 52	14	19,280,733	107,287,663	1	1	2	0
Case 52	15	20,034,919	102,461,162	1	1	2	0
Case 52	16	88,165	35,285,582	1	1	2	0
Case 52	16	46,450,037	90,274,695	1	1	2	0
Case 52	17	11,885	22,242,355	1	1	2	0
Case 52	17	25,268,142	34,436,708	1	1	2	0
Case 52	17	34,443,811	34,476,396	2	1	3	0
Case 52	17	34,597,521	39,777,128	1	1	2	0
Case 52	17	39,788,384	40,065,774	2	1	3	0
Case 52	17	40,070,029	81,060,040	1	1	2	0
Case 52	18	87,505	15,375,878	1	1	2	0
Case 52	18	18,520,354	78,015,180	1	1	2	0
Case 52	19	260,912	24,629,285	1	1	2	0
Case 52	19	27,732,159	59,097,160	1	1	2	0
Case 52	20	63,244	26,293,985	1	1	2	0
Case 52	20	29,425,357	62,948,788	1	1	2	0
Case 52	21	10,827,533	10,971,337	1	1	2	0
Case 52	21	14,368,320	48,100,155	1	1	2	0
Case 52	22	16,114,244	51,195,728	1	1	2	0
Case 52	X	2,700,157	58,488,110	1	1	2	0
Case 52	X	61,694,576	154,898,561	1	1	2	0
Case 53	1	82,154	121,346,616	1	1	2	0
Case 53	1	142,649,718	249,218,992	1	1	2	0
Case 53	2	18,674	92,081,640	1	1	2	0
Case 53	2	95,429,424	243,048,760	1	1	2	0
Case 53	3	61,495	60,197,485	1	1	2	0
Case 53	3	60,209,987	61,232,197	1	0	1	0
Case 53	3	61,236,328	90,442,925	1	1	2	0
Case 53	3	93,537,290	162,266,475	1	1	2	0
Case 53	3	162,275,610	164,613,717	1	0	1	0
Case 53	3	164,631,530	197,838,262	1	1	2	0
Case 53	4	71,566	22,691,505	1	1	2	0
Case 53	4	22,693,754	22,824,021	1	0	1	0
Case 53	4	22,832,447	49,620,898	1	1	2	0
Case 53	4	52,697,856	161,861,640	1	1	2	0
Case 53	4	161,863,893	161,924,832	2	1	3	0
Case 53	4	161,935,342	190,963,766	1	1	2	0
Case 53	5	38,139	46,399,093	1	1	2	0
Case 53	5	49,457,282	180,693,127	1	1	2	0
Case 53	6	108,666	58,752,089	1	1	2	0
Case 53	6	61,891,118	170,980,171	1	1	2	0
Case 53	7	44,935	58,019,061	1	1	2	0
Case 53	7	61,056,053	159,119,486	1	1	2	0
Case 53	8	164,984	2,108,188	1	1	2	0
Case 53	8	2,109,059	43,791,691	2	1	3	0
Case 53	8	46,886,735	146,293,414	2	1	3	0
Case 53	9	46,587	46,944,322	1	1	2	0
Case 53	9	65,629,772	141,066,491	1	1	2	0
Case 53	10	98,087	39,097,912	1	1	2	0
Case 53	10	42,436,301	135,477,883	1	1	2	0
Case 53	11	193,146	51,591,253	1	1	2	0
Case 53	11	54,794,237	134,934,063	1	1	2	0
Case 53	12	191,619	7,993,316	1	1	2	0
Case 53	12	8,000,912	8,114,429	2	1	3	0
Case 53	12	8,123,306	34,853,011	1	1	2	0
Case 53	12	37,876,400	133,810,935	1	1	2	0

Case 53	13	19,058,717	115,103,529	1	1	2	0
Case 53	14	19,280,733	107,287,663	1	1	2	0
Case 53	15	20,034,919	102,461,162	1	1	2	0
Case 53	16	88,165	35,285,582	1	1	2	0
Case 53	16	46,450,037	90,274,695	1	1	2	0
Case 53	17	11,885	22,242,355	1	1	2	0
Case 53	17	25,268,142	81,060,040	1	1	2	0
Case 53	18	87,505	15,375,878	1	1	2	0
Case 53	18	18,520,354	78,015,180	1	1	2	0
Case 53	19	260,912	24,629,285	1	1	2	0
Case 53	19	27,732,159	59,097,160	1	1	2	0
Case 53	20	63,244	26,293,985	1	1	2	0
Case 53	20	29,425,357	62,948,788	1	1	2	0
Case 53	21	10,827,533	10,971,337	1	1	2	0
Case 53	21	14,368,320	48,100,155	1	1	2	0
Case 53	22	16,114,244	51,195,728	1	1	2	0
Case 53	X	2,700,157	32,467,970	1	0	1	0
Case 53	X	32,472,777	32,536,972	0	0	0	0
Case 53	X	32,541,111	58,488,110	1	0	1	0
Case 53	X	61,694,576	154,898,561	1	0	1	0
Case 56	1	82,154	4,009,694	2	1	3	0
Case 56	1	4,009,793	13,775,026	2	2	4	0
Case 56	1	13,775,122	15,558,938	3	2	5	0
Case 56	1	15,560,900	15,732,793	3	1	4	0
Case 56	1	15,733,394	16,202,843	3	2	5	0
Case 56	1	16,202,845	31,403,711	2	1	3	0
Case 56	1	31,408,056	31,471,702	3	1	4	0
Case 56	1	31,490,614	42,876,466	2	1	3	0
Case 56	1	42,876,696	50,053,885	2	2	4	0
Case 56	1	50,057,166	50,416,930	2	1	3	0
Case 56	1	50,426,542	54,750,625	2	2	4	0
Case 56	1	54,751,900	54,830,569	2	1	3	0
Case 56	1	54,831,801	64,647,608	2	2	4	0
Case 56	1	64,656,538	64,694,167	3	2	5	0
Case 56	1	64,696,077	83,983,252	2	2	4	0
Case 56	1	83,987,643	121,346,616	2	0	2	1
Case 56	1	142,649,718	146,512,899	2	0	2	1
Case 56	1	146,516,199	147,033,573	2	1	3	0
Case 56	1	147,043,542	149,060,682	2	0	2	1
Case 56	1	149,140,459	171,040,083	2	1	3	0
Case 56	1	171,045,317	171,224,083	2	2	4	0
Case 56	1	171,224,087	177,905,488	2	1	3	0
Case 56	1	177,906,437	178,095,048	3	1	4	0
Case 56	1	178,156,816	199,369,479	2	1	3	0
Case 56	1	199,374,488	240,791,177	3	1	4	0
Case 56	1	240,798,089	243,731,693	1	1	2	0
Case 56	1	243,768,906	249,218,992	2	1	3	0
Case 56	2	18,674	26,174,103	2	0	2	1
Case 56	2	26,174,659	79,509,292	2	1	3	0
Case 56	2	79,516,139	79,586,600	1	0	1	0
Case 56	2	79,586,998	92,081,640	2	1	3	0
Case 56	2	95,429,424	133,392,633	2	1	3	0
Case 56	2	133,396,179	133,664,437	2	0	2	1
Case 56	2	133,672,853	135,926,351	2	1	3	0
Case 56	2	135,927,428	137,573,885	3	1	4	0
Case 56	2	137,580,234	140,580,413	2	1	3	0
Case 56	2	140,580,795	140,868,186	4	1	5	0
Case 56	2	140,870,484	141,407,101	7	1	8	0
Case 56	2	141,407,182	141,796,109	9	1	10	0
Case 56	2	141,796,256	141,956,759	13	1	14	0
Case 56	2	141,958,235	142,094,193	10	0	10	1

Case 56	2	142,099,985	142,876,051	9	1	10	0
Case 56	2	142,878,411	143,508,243	10	0	10	1
Case 56	2	143,512,351	144,168,037	13	0	13	1
Case 56	2	144,169,816	144,935,972	10	0	10	1
Case 56	2	144,940,576	149,988,911	1	1	2	0
Case 56	2	149,999,742	150,271,975	2	1	3	0
Case 56	2	150,274,458	179,315,726	1	1	2	0
Case 56	2	179,318,222	179,515,498	7	0	7	1
Case 56	2	179,515,979	179,770,175	5	0	5	1
Case 56	2	179,775,893	180,352,334	9	0	9	1
Case 56	2	180,354,642	180,446,934	11	1	12	0
Case 56	2	180,449,157	180,480,167	6	1	7	0
Case 56	2	180,484,927	187,735,749	1	1	2	0
Case 56	2	187,737,712	187,830,809	10	0	10	1
Case 56	2	187,833,721	188,023,107	13	0	13	1
Case 56	2	188,033,045	188,389,326	9	0	9	1
Case 56	2	188,390,819	188,554,359	13	1	14	0
Case 56	2	188,573,244	188,829,691	10	1	11	0
Case 56	2	188,838,592	189,493,686	9	1	10	0
Case 56	2	189,497,420	243,048,760	1	1	2	0
Case 56	3	61,495	8,528,431	2	2	4	0
Case 56	3	8,533,268	10,966,711	2	1	3	0
Case 56	3	10,967,342	10,972,387	3	2	5	0
Case 56	3	10,974,051	19,306,573	2	1	3	0
Case 56	3	19,309,780	39,852,825	3	0	3	1
Case 56	3	39,862,052	56,735,180	2	0	2	1
Case 56	3	56,740,101	60,254,987	2	2	4	0
Case 56	3	60,256,485	60,382,023	1	0	1	0
Case 56	3	60,388,322	60,445,253	0	0	0	0
Case 56	3	60,447,369	60,512,505	1	0	1	0
Case 56	3	60,512,522	60,542,151	2	1	3	0
Case 56	3	60,542,525	60,566,492	2	0	2	1
Case 56	3	60,567,102	60,607,896	2	1	3	0
Case 56	3	60,610,341	60,742,058	2	2	4	0
Case 56	3	60,743,058	62,310,359	3	2	5	0
Case 56	3	62,315,312	79,819,713	2	2	4	0
Case 56	3	79,824,232	81,247,480	2	0	2	1
Case 56	3	81,251,347	90,442,925	2	2	4	0
Case 56	3	93,537,290	114,081,006	2	2	4	0
Case 56	3	114,085,053	114,134,268	3	3	6	0
Case 56	3	114,140,714	141,039,107	2	2	4	0
Case 56	3	141,042,222	141,610,807	3	2	5	0
Case 56	3	141,621,633	153,173,935	2	2	4	0
Case 56	3	153,175,186	155,830,631	6	2	8	0
Case 56	3	155,836,231	157,250,987	6	1	7	0
Case 56	3	157,251,358	157,924,373	5	2	7	0
Case 56	3	157,934,971	158,831,718	6	1	7	0
Case 56	3	158,833,189	161,994,639	5	2	7	0
Case 56	3	161,997,753	162,373,246	9	2	11	0
Case 56	3	162,376,870	163,693,304	5	2	7	0
Case 56	3	163,714,630	167,696,174	9	1	10	0
Case 56	3	167,696,683	169,782,204	7	1	8	0
Case 56	3	169,784,616	169,938,890	9	1	10	0
Case 56	3	169,944,100	173,967,286	6	1	7	0
Case 56	3	173,971,715	174,951,756	2	0	2	1
Case 56	3	174,951,784	174,980,057	1	0	1	0
Case 56	3	174,980,714	178,397,422	3	2	5	0
Case 56	3	178,397,892	179,085,860	7	1	8	0
Case 56	3	179,090,772	179,576,912	3	1	4	0
Case 56	3	179,579,536	180,291,037	8	1	9	0
Case 56	3	180,293,187	181,629,223	5	1	6	0



Case 56	3	181,630,286	181,862,415	8	1	9	0
Case 56	3	181,908,937	182,055,057	4	1	5	0
Case 56	3	182,080,081	182,222,315	7	1	8	0
Case 56	3	182,222,834	183,730,501	5	1	6	0
Case 56	3	183,730,657	185,652,184	4	1	5	0
Case 56	3	185,654,924	190,036,105	3	2	5	0
Case 56	3	190,036,418	197,838,262	2	0	2	1
Case 56	4	71,566	1,588,665	3	0	3	1
Case 56	4	1,598,331	20,731,737	2	0	2	1
Case 56	4	20,732,334	25,119,575	3	0	3	1
Case 56	4	25,123,344	49,620,898	2	0	2	1
Case 56	4	52,697,856	91,371,416	2	0	2	1
Case 56	4	91,376,378	91,821,398	0	0	0	0
Case 56	4	91,823,910	124,177,286	2	0	2	1
Case 56	4	124,177,315	124,473,935	3	0	3	1
Case 56	4	124,496,348	124,812,897	0	0	0	0
Case 56	4	124,819,109	190,963,766	2	0	2	1
Case 56	5	38,139	37,552,852	2	0	2	1
Case 56	5	37,556,926	38,803,449	3	0	3	1
Case 56	5	38,804,071	46,399,093	2	0	2	1
Case 56	5	49,457,282	134,305,197	2	0	2	1
Case 56	5	134,305,646	180,693,127	3	0	3	1
Case 56	6	108,666	1,656,487	2	1	3	0
Case 56	6	1,660,002	2,145,447	1	0	1	0
Case 56	6	2,168,338	32,632,833	2	1	3	0
Case 56	6	32,634,282	32,653,385	3	1	4	0
Case 56	6	32,657,543	47,202,564	2	1	3	0
Case 56	6	47,205,912	47,563,608	2	2	4	0
Case 56	6	47,563,669	58,752,089	2	1	3	0
Case 56	6	61,891,118	71,026,324	2	1	3	0
Case 56	6	71,035,791	85,876,291	2	2	4	0
Case 56	6	85,880,616	86,073,707	3	2	5	0
Case 56	6	86,078,534	95,002,441	2	2	4	0
Case 56	6	95,002,750	95,147,902	2	0	2	1
Case 56	6	95,147,994	95,309,419	3	1	4	0
Case 56	6	95,320,818	95,435,352	2	0	2	1
Case 56	6	95,456,914	110,622,694	2	2	4	0
Case 56	6	110,628,455	110,883,633	3	2	5	0
Case 56	6	110,887,169	121,785,691	2	2	4	0
Case 56	6	121,790,990	122,396,987	4	2	6	0
Case 56	6	122,410,187	146,719,870	2	2	4	0
Case 56	6	146,719,883	148,584,115	2	0	2	1
Case 56	6	148,585,295	148,785,423	0	0	0	0
Case 56	6	148,787,137	154,705,702	2	0	2	1
Case 56	6	154,707,256	155,019,223	3	0	3	1
Case 56	6	155,022,713	156,766,474	2	0	2	1
Case 56	6	156,769,759	157,216,039	3	0	3	1
Case 56	6	157,216,166	157,511,343	1	0	1	0
Case 56	6	157,517,337	162,820,114	2	0	2	1
Case 56	6	162,828,829	163,081,812	0	0	0	0
Case 56	6	163,088,783	170,980,171	2	0	2	1
Case 56	7	44,935	38,297,145	2	1	3	0
Case 56	7	38,298,285	38,358,412	3	1	4	0
Case 56	7	38,358,956	58,019,061	2	1	3	0
Case 56	7	61,056,053	86,741,039	2	1	3	0
Case 56	7	86,751,525	86,820,275	2	0	2	1
Case 56	7	86,821,980	90,014,777	2	1	3	0
Case 56	7	90,015,825	91,504,058	4	1	5	0
Case 56	7	91,509,551	116,552,181	2	1	3	0
Case 56	7	116,558,716	116,593,611	4	1	5	0
Case 56	7	116,604,194	133,733,917	2	1	3	0

Case 56	7	133,735,533	133,815,391	2	0	2	1
Case 56	7	133,821,619	136,980,174	2	1	3	0
Case 56	7	136,985,504	137,004,109	3	2	5	0
Case 56	7	137,005,808	157,438,037	2	1	3	0
Case 56	7	157,449,078	157,495,354	1	1	2	0
Case 56	7	157,495,783	158,064,729	2	1	3	0
Case 56	7	158,071,511	158,393,488	1	1	2	0
Case 56	7	158,395,372	159,119,486	2	1	3	0
Case 56	8	164,984	43,791,691	2	0	2	1
Case 56	8	46,886,735	55,143,250	2	0	2	1
Case 56	8	55,155,640	55,347,438	3	0	3	1
Case 56	8	55,355,086	126,230,230	2	0	2	1
Case 56	8	126,254,259	126,798,409	11	0	11	1
Case 56	8	126,799,011	127,575,580	13	0	13	1
Case 56	8	127,575,595	127,901,649	11	0	11	1
Case 56	8	127,902,003	128,084,539	14	0	14	1
Case 56	8	128,093,277	128,818,308	11	0	11	1
Case 56	8	128,822,709	129,205,610	9	0	9	1
Case 56	8	129,215,846	129,306,423	12	0	12	1
Case 56	8	129,309,414	130,545,445	10	0	10	1
Case 56	8	130,547,253	132,238,169	8	0	8	1
Case 56	8	132,250,643	132,789,352	11	0	11	1
Case 56	8	132,790,095	133,931,769	9	0	9	1
Case 56	8	133,935,591	146,293,414	2	0	2	1
Case 56	9	46,587	8,636,818	2	0	2	1
Case 56	9	8,645,448	8,799,819	0	0	0	0
Case 56	9	8,805,462	9,195,415	2	0	2	1
Case 56	9	9,195,670	9,252,865	1	0	1	0
Case 56	9	9,258,729	9,389,169	0	0	0	0
Case 56	9	9,389,992	9,600,700	1	0	1	0
Case 56	9	9,602,686	9,751,345	0	0	0	0
Case 56	9	9,756,868	46,944,322	2	0	2	1
Case 56	9	65,629,772	94,455,171	2	0	2	1
Case 56	9	94,456,714	94,944,778	3	0	3	1
Case 56	9	94,947,595	110,383,583	2	0	2	1
Case 56	9	110,384,379	112,929,130	3	0	3	1
Case 56	9	112,931,646	116,535,326	2	0	2	1
Case 56	9	116,535,410	123,822,837	3	0	3	1
Case 56	9	123,823,972	141,066,491	2	0	2	1
Case 56	10	98,087	37,327,040	2	0	2	1
Case 56	10	37,341,389	37,790,656	5	2	7	0
Case 56	10	37,802,532	38,001,300	9	1	10	0
Case 56	10	38,030,639	38,276,810	5	0	5	1
Case 56	10	38,290,878	38,417,193	15	0	15	1
Case 56	10	38,434,090	38,672,399	11	0	11	1
Case 56	10	38,674,609	39,097,912	17	6	23	0
Case 56	10	42,436,301	42,436,301	17	6	23	0
Case 56	10	42,444,619	84,179,887	2	1	3	0
Case 56	10	84,179,976	84,279,949	1	0	1	0
Case 56	10	84,303,712	85,445,507	2	1	3	0
Case 56	10	85,449,661	86,820,708	1	0	1	0
Case 56	10	86,837,430	89,292,637	2	0	2	1
Case 56	10	89,294,408	90,269,567	0	0	0	0
Case 56	10	90,278,656	98,103,376	1	0	1	0
Case 56	10	98,104,703	135,477,883	2	1	3	0
Case 56	11	193,146	51,591,253	2	0	2	1
Case 56	11	54,794,237	74,050,173	2	0	2	1
Case 56	11	74,053,547	84,474,461	2	2	4	0
Case 56	11	84,494,810	84,688,062	2	1	3	0
Case 56	11	84,691,990	87,533,352	2	2	4	0
Case 56	11	87,536,422	87,572,333	3	2	5	0

Case 56	11	87,572,490	134,934,063	2	2	4	0
Case 56	12	191,619	18,128,339	2	0	2	1
Case 56	12	18,137,158	18,463,451	4	0	4	1
Case 56	12	18,463,609	27,416,768	2	0	2	1
Case 56	12	27,422,886	27,533,367	5	1	6	0
Case 56	12	27,536,031	30,010,180	4	2	6	0
Case 56	12	30,013,127	34,853,011	2	2	4	0
Case 56	12	37,876,400	42,030,041	2	2	4	0
Case 56	12	42,038,171	42,244,754	2	1	3	0
Case 56	12	42,246,534	65,677,700	2	2	4	0
Case 56	12	65,680,026	67,007,144	2	0	2	1
Case 56	12	67,009,240	68,652,532	2	2	4	0
Case 56	12	68,654,215	74,596,252	2	0	2	1
Case 56	12	74,601,949	86,518,790	2	2	4	0
Case 56	12	86,529,854	86,779,667	2	1	3	0
Case 56	12	86,809,606	87,064,494	2	0	2	1
Case 56	12	87,070,220	87,414,468	3	1	4	0
Case 56	12	87,430,209	88,381,701	2	0	2	1
Case 56	12	88,383,119	90,295,893	2	2	4	0
Case 56	12	90,304,545	93,125,065	2	0	2	1
Case 56	12	93,128,881	95,927,666	2	2	4	0
Case 56	12	95,927,762	95,995,906	3	2	5	0
Case 56	12	96,000,467	97,579,740	2	2	4	0
Case 56	12	97,588,017	98,551,559	2	0	2	1
Case 56	12	98,552,353	128,767,084	2	2	4	0
Case 56	12	128,768,870	132,405,748	2	0	2	1
Case 56	12	132,405,765	133,810,935	2	1	3	0
Case 56	13	19,058,717	21,725,633	2	0	2	1
Case 56	13	21,728,755	21,746,637	3	1	4	0
Case 56	13	21,747,051	115,103,529	2	0	2	1
Case 56	14	19,280,733	20,420,338	3	1	4	0
Case 56	14	20,425,051	22,586,162	2	2	4	0
Case 56	14	22,586,392	22,964,782	3	2	5	0
Case 56	14	22,966,662	74,212,431	2	2	4	0
Case 56	14	74,213,366	74,250,715	2	1	3	0
Case 56	14	74,252,993	104,839,816	2	2	4	0
Case 56	14	104,839,937	107,287,663	2	1	3	0
Case 56	15	20,034,919	38,985,513	1	1	2	0
Case 56	15	38,986,368	39,188,421	2	1	3	0
Case 56	15	39,191,412	66,813,446	1	1	2	0
Case 56	15	66,813,452	66,921,642	2	1	3	0
Case 56	15	66,924,801	88,272,469	1	1	2	0
Case 56	15	88,276,056	102,461,162	2	1	3	0
Case 56	16	88,165	13,241,955	3	0	3	1
Case 56	16	13,246,786	13,665,563	4	0	4	1
Case 56	16	13,666,011	35,285,582	3	0	3	1
Case 56	16	46,450,037	56,040,044	3	0	3	1
Case 56	16	56,042,683	56,066,749	4	0	4	1
Case 56	16	56,072,907	64,829,567	3	0	3	1
Case 56	16	64,835,827	64,877,700	4	0	4	1
Case 56	16	64,883,464	78,283,848	3	0	3	1
Case 56	16	78,284,812	78,343,690	2	0	2	1
Case 56	16	78,343,738	78,790,765	3	0	3	1
Case 56	16	78,797,412	78,899,407	2	0	2	1
Case 56	16	78,900,527	90,274,695	3	0	3	1
Case 56	17	11,885	22,242,355	2	0	2	1
Case 56	17	25,268,142	27,076,072	2	0	2	1
Case 56	17	27,076,453	27,228,076	11	0	11	1
Case 56	17	27,228,118	27,286,753	8	0	8	1
Case 56	17	27,286,851	27,438,782	2	0	2	1
Case 56	17	27,442,042	27,881,366	11	1	12	0

Case 56	17	27,882,058	27,911,557	8	2	10	0
Case 56	17	27,917,771	34,436,708	2	0	2	1
Case 56	17	34,443,811	34,461,869	3	1	4	0
Case 56	17	34,462,907	35,632,979	3	0	3	1
Case 56	17	35,634,023	35,736,240	2	0	2	1
Case 56	17	35,740,855	36,045,807	10	1	11	0
Case 56	17	36,046,598	36,131,437	8	1	9	0
Case 56	17	36,133,614	36,593,981	2	0	2	1
Case 56	17	36,600,731	36,813,346	9	2	11	0
Case 56	17	36,823,942	37,646,866	2	0	2	1
Case 56	17	37,668,488	37,985,732	11	2	13	0
Case 56	17	38,010,815	49,168,871	2	0	2	1
Case 56	17	49,171,414	50,799,903	3	0	3	1
Case 56	17	50,801,156	59,544,810	2	0	2	1
Case 56	17	59,544,863	70,441,787	3	0	3	1
Case 56	17	70,445,988	81,060,040	2	0	2	1
Case 56	18	87,505	2,926,791	2	0	2	1
Case 56	18	2,927,023	3,246,824	3	0	3	1
Case 56	18	3,247,256	15,375,878	2	0	2	1
Case 56	18	18,520,354	18,550,415	2	0	2	1
Case 56	18	18,556,505	19,814,796	2	2	4	0
Case 56	18	19,823,874	19,930,691	9	2	11	0
Case 56	18	19,938,098	20,002,116	13	4	17	0
Case 56	18	20,003,666	20,066,155	11	3	14	0
Case 56	18	20,072,571	20,768,822	2	1	3	0
Case 56	18	20,768,870	78,015,180	2	0	2	1
Case 56	19	260,912	14,997,021	2	1	3	0
Case 56	19	14,997,144	15,995,902	2	2	4	0
Case 56	19	15,995,974	19,859,845	2	1	3	0
Case 56	19	19,860,495	24,629,285	2	2	4	0
Case 56	19	27,732,159	27,978,445	2	2	4	0
Case 56	19	27,983,651	35,416,794	4	1	5	0
Case 56	19	35,418,092	36,900,778	3	1	4	0
Case 56	19	36,902,219	38,378,669	4	1	5	0
Case 56	19	38,379,446	48,263,635	3	1	4	0
Case 56	19	48,266,211	48,286,163	4	1	5	0
Case 56	19	48,289,303	59,097,160	3	1	4	0
Case 56	20	63,244	14,550,380	2	2	4	0
Case 56	20	14,553,745	14,713,890	2	1	3	0
Case 56	20	14,714,457	14,827,620	0	0	0	0
Case 56	20	14,833,762	14,939,688	1	0	1	0
Case 56	20	14,949,763	15,041,578	2	0	2	1
Case 56	20	15,042,599	15,179,023	0	0	0	0
Case 56	20	15,180,181	15,424,659	2	0	2	1
Case 56	20	15,428,111	15,455,573	3	0	3	1
Case 56	20	15,461,606	26,293,985	2	2	4	0
Case 56	20	29,425,357	51,240,495	2	2	4	0
Case 56	20	51,245,688	51,576,180	3	2	5	0
Case 56	20	51,576,258	62,948,788	2	2	4	0
Case 56	21	10,827,533	10,971,337	2	1	3	0
Case 56	21	14,368,320	15,173,846	2	1	3	0
Case 56	21	15,181,318	29,512,586	2	2	4	0
Case 56	21	29,514,609	29,761,607	2	1	3	0
Case 56	21	29,761,664	35,900,759	2	2	4	0
Case 56	21	35,901,290	36,235,568	3	2	5	0
Case 56	21	36,235,739	43,698,255	2	2	4	0
Case 56	21	43,698,815	48,100,155	2	1	3	0
Case 56	22	16,114,244	17,196,300	3	1	4	0
Case 56	22	17,202,602	24,643,609	2	2	4	0
Case 56	22	24,666,340	36,681,272	2	1	3	0
Case 56	22	36,681,327	36,755,498	2	0	2	1

Case 56	22	36,758,258	42,149,994	2	1	3	0
Case 56	22	42,151,555	43,041,545	2	2	4	0
Case 56	22	43,049,014	43,112,475	3	2	5	0
Case 56	22	43,112,961	47,370,060	2	1	3	0
Case 56	22	47,370,218	49,932,767	2	2	4	0
Case 56	22	49,939,309	51,195,728	2	1	3	0
Case 56	X	2,700,157	31,793,720	2	0	2	1
Case 56	X	31,799,438	31,983,162	0	0	0	0
Case 56	X	31,986,430	58,488,110	2	0	2	1
Case 56	X	61,694,576	91,640,119	2	0	2	1
Case 56	X	91,641,904	154,898,561	1	1	2	0
Case 59	1	82,154	4,007,110	1	1	2	0
Case 59	1	4,007,558	4,206,210	1	0	1	0
Case 59	1	4,208,542	4,366,890	1	1	2	0
Case 59	1	4,367,323	5,926,503	1	0	1	0
Case 59	1	5,926,507	35,444,037	1	1	2	0
Case 59	1	35,446,830	35,648,316	2	1	3	0
Case 59	1	35,651,963	63,805,129	1	1	2	0
Case 59	1	63,818,393	64,056,411	2	1	3	0
Case 59	1	64,059,266	121,346,616	1	1	2	0
Case 59	1	142,649,718	157,879,145	2	1	3	0
Case 59	1	157,879,294	158,763,983	1	1	2	0
Case 59	1	158,772,845	202,702,918	2	1	3	0
Case 59	1	202,704,613	237,089,660	3	0	3	1
Case 59	1	237,093,381	237,303,417	2	0	2	1
Case 59	1	237,303,919	247,577,079	3	0	3	1
Case 59	1	247,578,441	249,218,992	2	0	2	1
Case 59	2	18,674	39,443,569	1	1	2	0
Case 59	2	39,453,469	39,602,950	2	1	3	0
Case 59	2	39,604,876	70,074,721	1	1	2	0
Case 59	2	70,074,757	70,159,444	2	1	3	0
Case 59	2	70,163,434	77,047,442	1	1	2	0
Case 59	2	77,048,896	77,082,852	2	1	3	0
Case 59	2	77,082,875	92,081,640	1	1	2	0
Case 59	2	95,429,424	184,933,453	1	1	2	0
Case 59	2	184,941,469	184,967,629	2	1	3	0
Case 59	2	184,971,481	238,672,703	1	1	2	0
Case 59	2	238,673,436	238,746,880	2	1	3	0
Case 59	2	238,760,118	243,048,760	1	1	2	0
Case 59	3	61,495	4,414,011	2	0	2	1
Case 59	3	4,415,276	4,437,484	3	0	3	1
Case 59	3	4,445,436	57,401,178	2	0	2	1
Case 59	3	57,401,266	57,523,831	3	0	3	1
Case 59	3	57,524,818	60,167,219	2	0	2	1
Case 59	3	60,170,083	60,531,242	0	0	0	0
Case 59	3	60,536,420	60,708,889	2	1	3	0
Case 59	3	60,711,659	60,844,642	0	0	0	0
Case 59	3	60,853,686	60,922,084	2	1	3	0
Case 59	3	60,931,990	61,232,197	0	0	0	0
Case 59	3	61,236,328	90,442,925	2	0	2	1
Case 59	3	93,537,290	176,715,918	2	0	2	1
Case 59	3	176,720,780	176,824,755	3	0	3	1
Case 59	3	176,827,927	189,119,792	2	0	2	1
Case 59	3	189,120,128	189,148,163	3	0	3	1
Case 59	3	189,148,605	197,838,262	2	0	2	1
Case 59	4	71,566	832,610	1	1	2	0
Case 59	4	843,184	2,252,824	2	1	3	0
Case 59	4	2,252,881	49,620,898	1	1	2	0
Case 59	4	52,697,856	190,963,766	1	1	2	0
Case 59	5	38,139	18,852,401	1	1	2	0
Case 59	5	18,853,732	18,877,165	2	2	4	0

Case 59	5	18,879,807	46,117,770	1	1	2	0
Case 59	5	46,127,095	46,399,093	1	0	1	0
Case 59	5	49,457,282	49,564,798	1	0	1	0
Case 59	5	49,586,870	104,456,200	1	1	2	0
Case 59	5	104,458,953	104,970,881	2	1	3	0
Case 59	5	104,976,152	135,272,418	1	1	2	0
Case 59	5	135,272,474	135,280,552	2	1	3	0
Case 59	5	135,282,514	150,102,470	1	1	2	0
Case 59	5	150,107,876	150,376,966	2	1	3	0
Case 59	5	150,381,243	180,693,127	1	1	2	0
Case 59	6	108,666	32,215,876	1	1	2	0
Case 59	6	32,216,793	32,349,946	2	1	3	0
Case 59	6	32,350,454	32,865,997	1	1	2	0
Case 59	6	32,867,123	32,877,073	2	1	3	0
Case 59	6	32,877,173	44,951,990	1	1	2	0
Case 59	6	44,955,528	45,059,674	2	1	3	0
Case 59	6	45,075,795	58,752,089	1	1	2	0
Case 59	6	61,891,118	170,980,171	1	1	2	0
Case 59	7	44,935	4,408,299	2	1	3	0
Case 59	7	4,409,754	4,413,313	3	1	4	0
Case 59	7	4,414,803	57,839,005	2	1	3	0
Case 59	7	57,877,485	58,019,061	1	1	2	0
Case 59	7	61,056,053	62,397,642	1	1	2	0
Case 59	7	62,413,547	159,119,486	2	1	3	0
Case 59	8	164,984	43,791,691	2	1	3	0
Case 59	8	46,886,735	104,924,389	2	1	3	0
Case 59	8	104,925,755	105,211,090	3	1	4	0
Case 59	8	105,216,321	146,293,414	2	1	3	0
Case 59	9	46,587	15,571,630	1	1	2	0
Case 59	9	15,571,755	15,997,006	2	1	3	0
Case 59	9	16,003,441	46,944,322	1	1	2	0
Case 59	9	65,629,772	98,603,006	1	1	2	0
Case 59	9	98,607,989	98,739,498	2	1	3	0
Case 59	9	98,745,485	99,581,343	1	1	2	0
Case 59	9	99,581,344	99,792,208	2	1	3	0
Case 59	9	99,793,583	138,911,484	1	1	2	0
Case 59	9	138,913,314	140,435,094	2	1	3	0
Case 59	9	140,435,171	141,066,491	1	1	2	0
Case 59	10	98,087	39,097,912	2	0	2	1
Case 59	10	42,436,301	75,893,890	2	0	2	1
Case 59	10	75,896,420	76,757,407	3	0	3	1
Case 59	10	76,760,631	91,465,167	2	0	2	1
Case 59	10	91,468,925	91,553,642	3	0	3	1
Case 59	10	91,565,990	95,426,888	2	0	2	1
Case 59	10	95,427,281	95,458,872	3	0	3	1
Case 59	10	95,458,897	135,477,883	2	0	2	1
Case 59	11	193,146	715,420	1	1	2	0
Case 59	11	716,765	1,647,110	2	1	3	0
Case 59	11	1,649,822	2,612,561	1	1	2	0
Case 59	11	2,617,782	2,663,891	2	2	4	0
Case 59	11	2,673,575	5,091,633	1	1	2	0
Case 59	11	5,091,882	5,115,856	2	1	3	0
Case 59	11	5,116,109	11,844,516	1	1	2	0
Case 59	11	11,848,522	11,980,251	2	1	3	0
Case 59	11	11,980,397	51,591,253	1	1	2	0
Case 59	11	54,794,237	68,291,116	1	1	2	0
Case 59	11	68,292,930	68,387,984	2	1	3	0
Case 59	11	68,388,567	74,043,171	1	1	2	0
Case 59	11	74,043,708	74,099,892	2	1	3	0
Case 59	11	74,105,105	134,934,063	1	1	2	0
Case 59	12	191,619	34,853,011	1	1	2	0

Case 59	12	37,876,400	105,247,010	1	1	2	0
Case 59	12	105,259,244	105,346,800	2	1	3	0
Case 59	12	105,353,244	109,781,415	1	1	2	0
Case 59	12	109,781,567	109,888,592	2	1	3	0
Case 59	12	109,888,779	133,810,935	1	1	2	0
Case 59	13	19,058,717	114,079,673	1	1	2	0
Case 59	13	114,081,403	114,092,549	2	1	3	0
Case 59	13	114,096,842	115,103,529	1	1	2	0
Case 59	14	19,280,733	104,865,071	1	1	2	0
Case 59	14	104,866,687	106,067,618	2	1	3	0
Case 59	14	106,072,470	107,287,663	1	1	2	0
Case 59	15	20,034,919	62,125,968	1	1	2	0
Case 59	15	62,128,861	62,358,682	2	1	3	0
Case 59	15	62,359,350	100,890,834	1	1	2	0
Case 59	15	100,912,913	101,147,726	2	1	3	0
Case 59	15	101,156,623	102,461,162	1	1	2	0
Case 59	16	88,165	35,285,582	1	1	2	0
Case 59	16	46,450,037	50,777,302	1	1	2	0
Case 59	16	50,785,524	50,825,459	2	1	3	0
Case 59	16	50,827,518	81,009,899	1	1	2	0
Case 59	16	81,010,073	81,076,066	2	1	3	0
Case 59	16	81,076,821	90,274,695	1	1	2	0
Case 59	17	11,885	17,433,959	2	0	2	1
Case 59	17	17,439,458	22,242,355	1	1	2	0
Case 59	17	25,268,142	27,493,366	1	1	2	0
Case 59	17	27,499,140	29,431,407	2	0	2	1
Case 59	17	29,470,002	29,717,959	3	0	3	1
Case 59	17	29,720,140	45,412,575	2	0	2	1
Case 59	17	45,412,629	45,764,692	3	0	3	1
Case 59	17	45,768,836	74,636,253	2	0	2	1
Case 59	17	74,637,881	74,661,436	3	0	3	1
Case 59	17	74,662,054	81,060,040	2	0	2	1
Case 59	18	87,505	9,109,484	1	1	2	0
Case 59	18	9,114,096	9,367,390	2	1	3	0
Case 59	18	9,376,494	15,375,878	1	1	2	0
Case 59	18	18,520,354	76,817,189	1	1	2	0
Case 59	18	76,820,697	77,027,258	2	1	3	0
Case 59	18	77,030,000	78,015,180	1	1	2	0
Case 59	19	260,912	620,393	1	1	2	0
Case 59	19	622,193	1,937,457	2	1	3	0
Case 59	19	1,952,586	15,772,530	1	1	2	0
Case 59	19	15,772,548	15,774,241	2	1	3	0
Case 59	19	15,774,605	24,629,285	1	1	2	0
Case 59	19	27,732,159	30,457,988	1	1	2	0
Case 59	19	30,465,196	30,539,739	2	1	3	0
Case 59	19	30,546,184	44,342,977	1	1	2	0
Case 59	19	44,348,824	44,409,009	2	1	3	0
Case 59	19	44,413,425	59,097,160	1	1	2	0
Case 59	20	63,244	26,293,985	1	1	2	0
Case 59	20	29,425,357	60,538,278	1	1	2	0
Case 59	20	60,538,561	62,592,736	2	1	3	0
Case 59	20	62,593,580	62,948,788	1	1	2	0
Case 59	21	10,827,533	10,971,337	1	1	2	0
Case 59	21	14,368,320	48,100,155	1	1	2	0
Case 59	22	16,114,244	51,195,728	1	1	2	0
Case 59	X	2,700,157	58,488,110	1	0	1	0
Case 59	X	61,694,576	91,029,438	1	0	1	0
Case 59	X	91,063,807	154,898,561	1	1	2	0
Case 61	1	82,154	121,346,616	1	1	2	0
Case 61	1	142,649,718	249,218,992	1	1	2	0
Case 61	2	18,674	92,081,640	1	1	2	0

Case 61	2	95,429,424	243,048,760	1	1	2	0
Case 61	3	61,495	90,442,925	1	1	2	0
Case 61	3	93,537,290	197,838,262	1	1	2	0
Case 61	4	71,566	49,620,898	1	1	2	0
Case 61	4	52,697,856	92,477,566	1	1	2	0
Case 61	4	92,483,806	92,770,887	2	1	3	0
Case 61	4	92,790,543	190,963,766	1	1	2	0
Case 61	5	38,139	46,399,093	1	1	2	0
Case 61	5	49,457,282	180,693,127	1	1	2	0
Case 61	6	108,666	58,752,089	1	1	2	0
Case 61	6	61,891,118	170,980,171	1	1	2	0
Case 61	7	44,935	58,019,061	2	1	3	0
Case 61	7	61,056,053	159,119,486	2	1	3	0
Case 61	8	164,984	26,785,371	2	1	3	0
Case 61	8	26,786,291	26,942,659	2	2	4	0
Case 61	8	26,943,632	39,192,481	2	1	3	0
Case 61	8	39,194,984	39,834,819	2	2	4	0
Case 61	8	39,835,582	43,791,691	2	1	3	0
Case 61	8	46,886,735	146,293,414	2	1	3	0
Case 61	9	46,587	46,944,322	1	1	2	0
Case 61	9	65,629,772	141,066,491	1	1	2	0
Case 61	10	98,087	39,097,912	1	1	2	0
Case 61	10	42,436,301	135,477,883	1	1	2	0
Case 61	11	193,146	1,515,271	1	1	2	0
Case 61	11	1,516,110	1,576,079	2	1	3	0
Case 61	11	1,581,028	26,986,106	1	1	2	0
Case 61	11	27,007,293	27,051,962	2	1	3	0
Case 61	11	27,052,661	27,076,977	3	1	4	0
Case 61	11	27,078,246	27,235,715	2	1	3	0
Case 61	11	27,236,316	51,591,253	1	1	2	0
Case 61	11	54,794,237	57,480,232	1	1	2	0
Case 61	11	57,488,160	58,846,985	1	0	1	0
Case 61	11	58,863,775	134,934,063	1	1	2	0
Case 61	12	191,619	34,853,011	1	1	2	0
Case 61	12	37,876,400	61,550,020	1	1	2	0
Case 61	12	61,553,779	61,604,963	2	1	3	0
Case 61	12	61,606,297	133,810,935	1	1	2	0
Case 61	13	19,058,717	115,103,529	2	1	3	0
Case 61	14	19,280,733	22,591,988	1	1	2	0
Case 61	14	22,592,994	22,964,782	2	1	3	0
Case 61	14	22,966,662	107,287,663	1	1	2	0
Case 61	15	20,034,919	102,461,162	1	1	2	0
Case 61	16	88,165	35,285,582	1	1	2	0
Case 61	16	46,450,037	90,274,695	1	1	2	0
Case 61	17	11,885	22,242,355	1	1	2	0
Case 61	17	25,268,142	81,060,040	1	1	2	0
Case 61	18	87,505	15,375,878	1	1	2	0
Case 61	18	18,520,354	78,015,180	1	1	2	0
Case 61	19	260,912	24,629,285	1	1	2	0
Case 61	19	27,732,159	56,307,847	1	1	2	0
Case 61	19	56,309,199	56,459,703	2	1	3	0
Case 61	19	56,462,032	59,097,160	1	1	2	0
Case 61	20	63,244	26,293,985	1	1	2	0
Case 61	20	29,425,357	62,948,788	1	1	2	0
Case 61	21	10,827,533	10,971,337	1	0	1	0
Case 61	21	14,368,320	20,102,501	1	0	1	0
Case 61	21	20,114,234	21,444,306	1	1	2	0
Case 61	21	21,472,584	22,197,073	1	0	1	0
Case 61	21	22,200,200	23,503,262	1	1	2	0
Case 61	21	23,505,563	28,023,370	1	0	1	0
Case 61	21	28,025,911	30,277,102	1	1	2	0



Case 61	21	30,290,699	32,537,602	1	0	1	0
Case 61	21	32,546,603	35,994,711	1	1	2	0
Case 61	21	36,004,539	45,414,119	1	0	1	0
Case 61	21	45,421,406	48,100,155	1	1	2	0
Case 61	22	16,114,244	29,286,180	1	1	2	0
Case 61	22	29,290,981	51,195,728	2	1	3	0
Case 61	X	2,700,157	58,488,110	1	0	1	0
Case 61	X	61,694,576	154,898,561	1	0	1	0
Case 62	1	82,154	18,021,758	1	1	2	0
Case 62	1	18,023,365	18,545,932	1	0	1	0
Case 62	1	18,546,610	81,345,264	1	1	2	0
Case 62	1	81,352,249	94,929,485	1	0	1	0
Case 62	1	94,930,345	95,230,514	2	0	2	1
Case 62	1	95,232,272	95,828,652	1	0	1	0
Case 62	1	95,829,831	121,346,616	1	1	2	0
Case 62	1	142,649,718	151,773,160	1	1	2	0
Case 62	1	151,773,167	152,160,437	2	1	3	0
Case 62	1	152,161,735	249,218,992	1	1	2	0
Case 62	2	18,674	92,081,640	1	1	2	0
Case 62	2	95,429,424	243,048,760	1	1	2	0
Case 62	3	61,495	27,390,490	1	1	2	0
Case 62	3	27,393,976	27,707,901	1	0	1	0
Case 62	3	27,709,178	90,442,925	1	1	2	0
Case 62	3	93,537,290	197,838,262	1	1	2	0
Case 62	4	71,566	561,631	2	1	3	0
Case 62	4	575,087	4,137,172	1	1	2	0
Case 62	4	4,167,133	9,456,977	2	1	3	0
Case 62	4	9,470,222	41,061,049	1	1	2	0
Case 62	4	41,063,203	41,376,347	2	1	3	0
Case 62	4	41,377,619	49,620,898	1	1	2	0
Case 62	4	52,697,856	72,237,431	1	1	2	0
Case 62	4	72,239,375	72,618,334	1	0	1	0
Case 62	4	72,620,162	91,862,940	1	1	2	0
Case 62	4	91,866,171	91,902,620	1	0	1	0
Case 62	4	91,910,883	186,843,924	1	1	2	0
Case 62	4	186,846,999	186,960,627	2	1	3	0
Case 62	4	186,961,015	190,963,766	1	1	2	0
Case 62	5	38,139	1,041,105	1	1	2	0
Case 62	5	1,051,687	1,266,310	2	1	3	0
Case 62	5	1,268,644	46,399,093	1	1	2	0
Case 62	5	49,457,282	58,882,102	1	1	2	0
Case 62	5	58,886,873	59,735,865	1	0	1	0
Case 62	5	59,736,177	178,730,062	1	1	2	0
Case 62	5	178,731,921	178,935,665	2	1	3	0
Case 62	5	178,936,722	180,693,127	1	1	2	0
Case 62	6	108,666	41,796,970	1	1	2	0
Case 62	6	41,814,760	42,232,509	2	1	3	0
Case 62	6	42,233,518	58,752,089	1	1	2	0
Case 62	6	61,891,118	135,440,127	1	1	2	0
Case 62	6	135,447,773	135,659,703	2	1	3	0
Case 62	6	135,669,031	170,980,171	1	1	2	0
Case 62	7	44,935	83,185	2	1	3	0
Case 62	7	93,811	2,304,078	1	1	2	0
Case 62	7	2,309,271	2,724,098	2	1	3	0
Case 62	7	2,727,337	12,982,479	1	1	2	0
Case 62	7	12,990,038	13,497,326	1	0	1	0
Case 62	7	13,498,299	38,319,339	1	1	2	0
Case 62	7	38,319,378	38,356,545	2	1	3	0
Case 62	7	38,357,075	58,019,061	1	1	2	0
Case 62	7	61,056,053	61,852,895	1	1	2	0
Case 62	7	61,994,170	94,021,475	1	0	1	0

Case 62	7	94,021,546	134,896,167	1	1	2	0
Case 62	7	134,913,049	135,123,060	1	0	1	0
Case 62	7	135,165,275	149,548,591	1	1	2	0
Case 62	7	149,551,993	149,806,076	2	1	3	0
Case 62	7	149,828,048	153,478,281	1	1	2	0
Case 62	7	153,485,627	153,654,045	2	1	3	0
Case 62	7	153,670,448	159,119,486	1	1	2	0
Case 62	8	164,984	15,389,837	2	1	3	0
Case 62	8	15,395,144	26,159,509	1	1	2	0
Case 62	8	26,160,015	28,541,640	2	1	3	0
Case 62	8	28,557,627	37,469,921	1	1	2	0
Case 62	8	37,470,110	37,884,310	2	1	3	0
Case 62	8	37,887,422	43,791,691	1	1	2	0
Case 62	8	46,886,735	50,392,001	1	1	2	0
Case 62	8	50,396,852	50,539,763	3	2	5	0
Case 62	8	50,545,758	63,358,921	1	1	2	0
Case 62	8	63,359,627	63,402,743	0	0	0	0
Case 62	8	63,403,161	65,213,478	1	1	2	0
Case 62	8	65,227,070	90,366,827	2	1	3	0
Case 62	8	90,369,994	90,546,979	1	0	1	0
Case 62	8	90,559,526	91,127,680	2	1	3	0
Case 62	8	91,130,683	91,301,523	3	1	4	0
Case 62	8	91,302,177	109,092,541	2	1	3	0
Case 62	8	109,094,747	109,288,399	1	1	2	0
Case 62	8	109,288,442	128,471,041	2	1	3	0
Case 62	8	128,472,320	128,718,443	3	1	4	0
Case 62	8	128,725,947	141,847,249	2	1	3	0
Case 62	8	141,857,322	142,189,589	2	0	2	1
Case 62	8	142,190,927	146,293,414	2	1	3	0
Case 62	9	46,587	46,944,322	1	1	2	0
Case 62	9	65,629,772	141,066,491	1	1	2	0
Case 62	10	98,087	19,921,103	1	1	2	0
Case 62	10	19,929,513	22,607,901	1	0	1	0
Case 62	10	22,611,360	39,097,912	1	1	2	0
Case 62	10	42,436,301	135,477,883	1	1	2	0
Case 62	11	193,146	10,603,648	1	1	2	0
Case 62	11	10,608,389	11,440,262	2	1	3	0
Case 62	11	11,441,318	40,580,159	1	1	2	0
Case 62	11	40,586,402	40,744,768	1	0	1	0
Case 62	11	40,756,460	51,591,253	1	1	2	0
Case 62	11	54,794,237	134,934,063	1	1	2	0
Case 62	12	191,619	34,853,011	1	1	2	0
Case 62	12	37,876,400	133,810,935	1	1	2	0
Case 62	13	19,058,717	51,305,128	2	0	2	1
Case 62	13	51,306,330	54,556,329	3	0	3	1
Case 62	13	54,557,128	71,204,021	2	0	2	1
Case 62	13	71,209,158	74,372,931	4	0	4	1
Case 62	13	74,373,785	115,103,529	2	0	2	1
Case 62	14	19,280,733	22,435,602	1	1	2	0
Case 62	14	22,453,915	22,970,327	2	1	3	0
Case 62	14	22,972,815	67,787,071	1	1	2	0
Case 62	14	67,787,968	68,252,707	2	1	3	0
Case 62	14	68,252,852	107,287,663	1	1	2	0
Case 62	15	20,034,919	49,081,537	1	1	2	0
Case 62	15	49,083,481	68,471,891	1	0	1	0
Case 62	15	68,480,887	71,058,520	1	1	2	0
Case 62	15	71,068,158	71,143,992	2	1	3	0
Case 62	15	71,144,048	102,461,162	1	1	2	0
Case 62	16	88,165	31,664,747	2	0	2	1
Case 62	16	31,676,116	35,285,582	1	0	1	0
Case 62	16	46,450,037	58,945,684	2	0	2	1

Case 62	16	58,956,480	64,636,137	1	0	1	0
Case 62	16	64,642,635	75,603,925	2	0	2	1
Case 62	16	75,613,074	76,899,703	1	0	1	0
Case 62	16	76,900,428	90,274,695	2	0	2	1
Case 62	17	11,885	1,281,864	1	0	1	0
Case 62	17	1,282,979	2,072,949	2	0	2	1
Case 62	17	2,084,712	9,808,215	1	0	1	0
Case 62	17	9,808,253	10,010,287	2	0	2	1
Case 62	17	10,011,062	20,878,744	1	0	1	0
Case 62	17	20,893,572	20,914,156	2	0	2	1
Case 62	17	20,916,590	22,242,355	1	0	1	0
Case 62	17	25,268,142	34,443,811	1	1	2	0
Case 62	17	34,445,325	34,468,886	2	1	3	0
Case 62	17	34,476,396	41,645,244	1	1	2	0
Case 62	17	41,652,878	41,764,995	2	1	3	0
Case 62	17	41,767,975	79,979,504	1	1	2	0
Case 62	17	79,979,642	80,428,099	2	1	3	0
Case 62	17	80,430,542	81,060,040	1	1	2	0
Case 62	18	87,505	15,375,878	1	1	2	0
Case 62	18	18,520,354	20,581,551	1	1	2	0
Case 62	18	20,602,153	20,820,728	2	1	3	0
Case 62	18	20,824,373	78,015,180	1	1	2	0
Case 62	19	260,912	5,925,689	1	0	1	0
Case 62	19	5,925,703	9,741,216	1	1	2	0
Case 62	19	9,764,192	10,206,662	1	0	1	0
Case 62	19	10,213,154	12,733,864	1	1	2	0
Case 62	19	12,738,543	13,080,720	1	0	1	0
Case 62	19	13,080,737	17,180,812	2	1	3	0
Case 62	19	17,182,939	24,629,285	1	0	1	0
Case 62	19	27,732,159	27,801,814	1	0	1	0
Case 62	19	27,828,664	28,127,201	2	1	3	0
Case 62	19	28,144,500	46,216,642	1	1	2	0
Case 62	19	46,221,726	46,357,729	2	1	3	0
Case 62	19	46,361,607	59,097,160	1	1	2	0
Case 62	20	63,244	2,033,308	2	1	3	0
Case 62	20	2,033,627	2,201,257	2	0	2	1
Case 62	20	2,204,811	15,237,052	2	1	3	0
Case 62	20	15,241,763	15,292,533	2	0	2	1
Case 62	20	15,295,797	15,325,461	2	1	3	0
Case 62	20	15,335,574	15,368,919	3	2	5	0
Case 62	20	15,375,124	15,424,659	3	1	4	0
Case 62	20	15,428,111	15,514,898	2	1	3	0
Case 62	20	15,520,791	15,914,464	1	1	2	0
Case 62	20	15,916,192	26,293,985	2	1	3	0
Case 62	20	29,425,357	34,290,281	2	1	3	0
Case 62	20	34,294,409	34,482,534	3	1	4	0
Case 62	20	34,487,348	62,948,788	2	1	3	0
Case 62	21	10,827,533	10,971,337	1	0	1	0
Case 62	21	14,368,320	29,486,008	1	0	1	0
Case 62	21	29,495,146	30,095,754	0	0	0	0
Case 62	21	30,097,426	31,720,911	1	0	1	0
Case 62	21	31,730,168	32,999,554	1	1	2	0
Case 62	21	33,018,369	33,372,446	2	1	3	0
Case 62	21	33,372,749	34,022,588	3	1	4	0
Case 62	21	34,024,444	35,857,700	2	1	3	0
Case 62	21	35,858,097	36,057,929	3	1	4	0
Case 62	21	36,059,609	48,100,155	1	0	1	0
Case 62	22	16,114,244	51,195,728	1	0	1	0
Case 62	X	2,700,157	58,488,110	1	0	1	0
Case 62	X	61,694,576	154,898,561	1	0	1	0
Case 63	1	82,154	7,237,086	2	1	3	0

Case 63	1	7,240,456	8,395,560	3	1	4	0
Case 63	1	8,397,803	10,924,710	2	1	3	0
Case 63	1	10,929,928	12,291,334	3	1	4	0
Case 63	1	12,294,420	20,149,058	2	1	3	0
Case 63	1	20,150,998	20,295,022	3	1	4	0
Case 63	1	20,296,319	25,889,422	2	1	3	0
Case 63	1	25,889,632	26,403,098	3	1	4	0
Case 63	1	26,411,918	40,281,441	2	1	3	0
Case 63	1	40,286,005	40,646,447	2	2	4	0
Case 63	1	40,661,311	45,903,488	2	1	3	0
Case 63	1	45,909,994	46,501,386	2	2	4	0
Case 63	1	46,501,599	47,449,065	3	1	4	0
Case 63	1	47,449,486	85,634,847	2	1	3	0
Case 63	1	85,637,648	85,947,200	2	2	4	0
Case 63	1	85,951,597	87,877,540	2	1	3	0
Case 63	1	87,877,672	88,494,859	3	1	4	0
Case 63	1	88,504,370	94,514,475	2	1	3	0
Case 63	1	94,514,477	95,116,807	3	1	4	0
Case 63	1	95,117,157	113,040,277	2	1	3	0
Case 63	1	113,040,421	113,597,564	3	1	4	0
Case 63	1	113,601,445	121,346,616	2	1	3	0
Case 63	1	142,649,718	152,028,561	3	2	5	0
Case 63	1	152,037,515	152,275,523	3	1	4	0
Case 63	1	152,275,540	153,354,406	2	2	4	0
Case 63	1	153,356,513	153,998,032	3	2	5	0
Case 63	1	153,998,128	180,335,264	2	2	4	0
Case 63	1	180,340,706	181,358,407	3	2	5	0
Case 63	1	181,359,880	184,878,307	2	2	4	0
Case 63	1	184,888,653	185,827,128	3	2	5	0
Case 63	1	185,827,238	200,974,729	2	2	4	0
Case 63	1	200,974,888	203,064,086	3	1	4	0
Case 63	1	203,080,264	249,218,992	2	1	3	0
Case 63	2	18,674	573,207	2	1	3	0
Case 63	2	578,204	674,963	3	1	4	0
Case 63	2	675,618	21,759,069	2	1	3	0
Case 63	2	21,765,149	21,967,993	3	1	4	0
Case 63	2	22,005,145	26,678,977	2	1	3	0
Case 63	2	26,679,362	27,418,974	3	1	4	0
Case 63	2	27,419,282	28,205,581	2	1	3	0
Case 63	2	28,224,116	29,325,271	4	1	5	0
Case 63	2	29,335,758	29,446,701	2	1	3	0
Case 63	2	29,447,108	29,624,193	3	1	4	0
Case 63	2	29,624,787	38,282,332	2	1	3	0
Case 63	2	38,290,916	38,687,498	2	2	4	0
Case 63	2	38,692,619	42,708,267	2	1	3	0
Case 63	2	42,712,932	43,671,904	2	2	4	0
Case 63	2	43,675,898	44,304,047	2	1	3	0
Case 63	2	44,305,240	44,414,354	1	0	1	0
Case 63	2	44,428,390	50,176,965	2	1	3	0
Case 63	2	50,179,975	50,318,462	3	1	4	0
Case 63	2	50,318,584	85,147,568	2	1	3	0
Case 63	2	85,163,536	85,191,146	3	2	5	0
Case 63	2	85,191,263	92,081,640	2	1	3	0
Case 63	2	95,429,424	105,833,093	2	1	3	0
Case 63	2	105,835,945	106,588,730	4	1	5	0
Case 63	2	106,592,564	122,288,029	2	1	3	0
Case 63	2	122,316,046	122,971,252	3	1	4	0
Case 63	2	122,973,151	160,175,310	2	1	3	0
Case 63	2	160,181,398	170,356,065	3	1	4	0
Case 63	2	170,359,113	170,549,452	3	2	5	0
Case 63	2	170,550,727	173,097,848	3	1	4	0

Case 63	2	173,104,712	173,589,876	4	1	5	0
Case 63	2	173,592,268	195,651,706	3	1	4	0
Case 63	2	195,663,691	195,993,600	1	0	1	0
Case 63	2	196,002,614	208,424,972	3	1	4	0
Case 63	2	208,426,257	208,641,908	3	2	5	0
Case 63	2	208,643,043	214,034,666	3	1	4	0
Case 63	2	214,036,796	214,214,297	2	1	3	0
Case 63	2	214,217,706	234,235,804	3	1	4	0
Case 63	2	234,235,819	234,573,896	5	1	6	0
Case 63	2	234,578,693	243,048,760	3	1	4	0
Case 63	3	61,495	4,486,303	1	1	2	0
Case 63	3	4,489,562	4,716,811	1	0	1	0
Case 63	3	4,716,885	14,042,534	2	1	3	0
Case 63	3	14,048,394	23,635,228	1	1	2	0
Case 63	3	23,635,636	24,241,978	2	1	3	0
Case 63	3	24,251,816	32,702,348	1	1	2	0
Case 63	3	32,704,457	33,165,933	2	1	3	0
Case 63	3	33,166,011	42,226,151	1	1	2	0
Case 63	3	42,229,550	43,070,847	2	1	3	0
Case 63	3	43,073,453	51,943,333	1	1	2	0
Case 63	3	51,962,081	52,557,693	2	1	3	0
Case 63	3	52,557,705	60,461,994	1	1	2	0
Case 63	3	60,464,275	60,557,852	1	0	1	0
Case 63	3	60,559,047	60,771,108	1	1	2	0
Case 63	3	60,771,914	61,453,255	1	0	1	0
Case 63	3	61,454,724	89,051,472	1	1	2	0
Case 63	3	89,051,475	90,442,925	2	1	3	0
Case 63	3	93,537,290	94,006,495	2	1	3	0
Case 63	3	94,014,910	155,775,874	3	1	4	0
Case 63	3	155,811,323	155,907,740	4	1	5	0
Case 63	3	155,929,451	182,602,594	3	1	4	0
Case 63	3	182,607,215	184,155,408	3	2	5	0
Case 63	3	184,157,645	187,394,508	3	1	4	0
Case 63	3	187,395,688	187,800,184	3	2	5	0
Case 63	3	187,802,669	194,634,168	3	1	4	0
Case 63	3	194,641,346	194,900,478	5	1	6	0
Case 63	3	194,906,614	195,518,206	3	1	4	0
Case 63	3	195,518,330	196,022,902	3	2	5	0
Case 63	3	196,022,930	197,838,262	3	1	4	0
Case 63	4	71,566	37,513,594	1	1	2	0
Case 63	4	37,516,608	37,849,004	2	1	3	0
Case 63	4	37,850,188	49,620,898	1	1	2	0
Case 63	4	52,697,856	71,265,172	1	1	2	0
Case 63	4	71,265,840	71,748,245	2	1	3	0
Case 63	4	71,761,726	79,052,851	1	1	2	0
Case 63	4	79,056,713	79,747,281	2	1	3	0
Case 63	4	79,763,578	87,287,934	1	1	2	0
Case 63	4	87,296,065	91,123,874	2	1	3	0
Case 63	4	91,154,964	91,319,038	1	1	2	0
Case 63	4	91,336,936	100,171,379	2	1	3	0
Case 63	4	100,178,151	100,243,932	1	1	2	0
Case 63	4	100,244,221	105,835,961	2	1	3	0
Case 63	4	105,838,702	106,141,736	3	1	4	0
Case 63	4	106,144,735	118,622,573	2	1	3	0
Case 63	4	118,627,589	118,651,823	1	1	2	0
Case 63	4	118,653,376	175,817,225	2	1	3	0
Case 63	4	175,828,036	175,876,473	3	1	4	0
Case 63	4	175,878,038	179,334,721	2	1	3	0
Case 63	4	179,335,261	179,424,481	2	2	4	0
Case 63	4	179,426,861	190,963,766	2	1	3	0
Case 63	5	38,139	38,496,637	5	1	6	0

Case 63	5	38,506,031	38,912,195	7	1	8	0
Case 63	5	38,917,574	46,399,093	6	1	7	0
Case 63	5	49,457,282	110,404,999	2	0	2	1
Case 63	5	110,405,675	115,642,513	2	1	3	0
Case 63	5	115,643,769	115,727,838	2	0	2	1
Case 63	5	115,731,448	119,771,119	2	1	3	0
Case 63	5	119,771,549	119,940,108	4	1	5	0
Case 63	5	119,950,084	123,534,021	2	1	3	0
Case 63	5	123,545,499	123,802,605	2	2	4	0
Case 63	5	123,811,602	126,953,752	2	1	3	0
Case 63	5	126,958,230	127,196,066	3	1	4	0
Case 63	5	127,203,192	172,179,584	2	1	3	0
Case 63	5	172,188,213	172,248,631	4	1	5	0
Case 63	5	172,250,261	180,693,127	2	1	3	0
Case 63	6	108,666	13,464,827	2	1	3	0
Case 63	6	13,466,830	14,545,779	2	2	4	0
Case 63	6	14,554,627	22,862,571	2	1	3	0
Case 63	6	22,865,377	23,380,034	4	2	6	0
Case 63	6	23,380,783	28,824,958	2	1	3	0
Case 63	6	28,826,262	29,031,142	3	1	4	0
Case 63	6	29,033,053	29,966,850	4	1	5	0
Case 63	6	29,967,529	30,028,352	5	1	6	0
Case 63	6	30,028,424	36,370,254	4	1	5	0
Case 63	6	36,375,304	37,851,191	3	1	4	0
Case 63	6	37,869,548	50,664,995	4	1	5	0
Case 63	6	50,681,803	52,044,509	3	1	4	0
Case 63	6	52,050,353	52,425,189	3	2	5	0
Case 63	6	52,427,739	55,040,696	3	1	4	0
Case 63	6	55,041,811	55,218,841	4	1	5	0
Case 63	6	55,223,750	57,229,283	3	1	4	0
Case 63	6	57,229,990	58,055,927	2	1	3	0
Case 63	6	58,150,777	58,741,497	3	1	4	0
Case 63	6	58,752,089	58,752,089	1	1	2	0
Case 63	6	61,891,118	108,558,280	1	1	2	0
Case 63	6	108,561,974	132,912,612	2	1	3	0
Case 63	6	132,913,582	133,237,051	3	1	4	0
Case 63	6	133,237,557	134,266,699	2	1	3	0
Case 63	6	134,268,822	147,136,244	2	2	4	0
Case 63	6	147,144,142	147,288,120	2	1	3	0
Case 63	6	147,289,349	161,430,468	2	2	4	0
Case 63	6	161,433,981	161,680,844	2	1	3	0
Case 63	6	161,683,974	162,559,180	2	2	4	0
Case 63	6	162,565,718	162,928,898	2	1	3	0
Case 63	6	162,933,253	170,980,171	2	2	4	0
Case 63	7	44,935	5,427,950	2	1	3	0
Case 63	7	5,432,672	6,334,747	2	2	4	0
Case 63	7	6,339,313	31,471,205	2	1	3	0
Case 63	7	31,472,061	31,528,056	3	1	4	0
Case 63	7	31,528,906	43,728,129	2	1	3	0
Case 63	7	43,738,731	44,211,337	2	2	4	0
Case 63	7	44,216,137	58,019,061	2	1	3	0
Case 63	7	61,056,053	64,498,257	2	1	3	0
Case 63	7	64,537,992	65,350,058	3	1	4	0
Case 63	7	65,360,715	99,238,141	2	1	3	0
Case 63	7	99,238,342	100,061,107	3	1	4	0
Case 63	7	100,061,612	102,999,943	2	1	3	0
Case 63	7	103,003,969	103,278,471	3	1	4	0
Case 63	7	103,278,744	109,736,919	2	1	3	0
Case 63	7	109,738,166	109,939,167	3	1	4	0
Case 63	7	109,939,445	111,650,835	2	1	3	0
Case 63	7	111,651,812	111,839,373	2	0	2	1

Case 63	7	111,845,773	120,998,784	2	1	3	0
Case 63	7	121,003,000	121,270,977	2	2	4	0
Case 63	7	121,275,229	141,286,885	2	1	3	0
Case 63	7	141,287,652	142,275,743	3	1	4	0
Case 63	7	142,328,771	153,697,418	2	1	3	0
Case 63	7	153,707,385	157,455,459	3	1	4	0
Case 63	7	157,458,015	159,119,486	2	1	3	0
Case 63	8	164,984	2,747,940	2	0	2	1
Case 63	8	2,748,821	2,919,891	4	0	4	1
Case 63	8	2,920,183	16,429,770	2	0	2	1
Case 63	8	16,435,574	16,500,728	0	0	0	0
Case 63	8	16,502,722	43,791,691	2	0	2	1
Case 63	8	46,886,735	52,831,142	2	0	2	1
Case 63	8	52,844,411	79,659,801	4	2	6	0
Case 63	8	79,663,408	80,097,636	3	2	5	0
Case 63	8	80,111,894	94,128,797	4	2	6	0
Case 63	8	94,134,191	95,345,128	5	2	7	0
Case 63	8	95,365,165	95,897,725	4	2	6	0
Case 63	8	95,909,498	95,965,135	3	2	5	0
Case 63	8	95,965,743	96,628,523	5	2	7	0
Case 63	8	96,630,632	101,821,313	4	2	6	0
Case 63	8	101,821,743	102,631,911	5	2	7	0
Case 63	8	102,645,085	103,940,219	4	2	6	0
Case 63	8	103,940,336	105,232,453	5	1	6	0
Case 63	8	105,233,131	126,984,970	4	2	6	0
Case 63	8	126,995,907	127,291,414	5	2	7	0
Case 63	8	127,292,996	128,171,018	4	2	6	0
Case 63	8	128,172,028	128,965,552	4	3	7	0
Case 63	8	128,973,665	130,316,146	4	2	6	0
Case 63	8	130,320,356	146,293,414	4	1	5	0
Case 63	9	46,587	9,260,044	1	1	2	0
Case 63	9	9,261,737	9,664,440	1	0	1	0
Case 63	9	9,667,071	19,234,908	1	1	2	0
Case 63	9	19,235,270	19,700,975	2	1	3	0
Case 63	9	19,702,659	32,211,402	1	1	2	0
Case 63	9	32,223,204	46,944,322	2	1	3	0
Case 63	9	65,629,772	95,572,545	1	1	2	0
Case 63	9	95,580,376	96,072,452	2	1	3	0
Case 63	9	96,077,465	98,957,977	1	1	2	0
Case 63	9	98,958,949	116,763,905	3	1	4	0
Case 63	9	116,764,283	116,780,992	2	1	3	0
Case 63	9	116,782,921	134,258,129	3	1	4	0
Case 63	9	134,258,779	134,861,887	3	2	5	0
Case 63	9	134,865,803	135,408,571	3	1	4	0
Case 63	9	135,412,993	135,867,687	2	2	4	0
Case 63	9	135,867,989	139,015,411	3	1	4	0
Case 63	9	139,016,326	139,262,205	4	0	4	1
Case 63	9	139,262,253	139,731,827	4	1	5	0
Case 63	9	139,732,331	141,066,491	3	1	4	0
Case 63	10	98,087	4,547,174	2	2	4	0
Case 63	10	4,554,674	5,151,083	4	2	6	0
Case 63	10	5,159,453	5,937,094	4	3	7	0
Case 63	10	5,944,415	6,063,016	2	2	4	0
Case 63	10	6,063,253	6,114,856	3	2	5	0
Case 63	10	6,118,966	11,712,965	2	2	4	0
Case 63	10	11,713,277	11,943,885	3	2	5	0
Case 63	10	11,944,213	19,057,868	2	2	4	0
Case 63	10	19,061,889	19,174,999	3	2	5	0
Case 63	10	19,190,079	39,070,516	2	2	4	0
Case 63	10	39,088,829	39,097,912	2	1	3	0
Case 63	10	42,436,301	75,905,996	2	1	3	0

Case 63	10	75,911,276	76,757,407	2	0	2	1
Case 63	10	76,760,631	80,458,157	2	1	3	0
Case 63	10	80,459,780	81,212,186	3	1	4	0
Case 63	10	81,212,511	90,748,736	2	1	3	0
Case 63	10	90,749,963	91,389,738	2	2	4	0
Case 63	10	91,393,013	120,650,662	2	1	3	0
Case 63	10	120,663,911	121,203,194	3	1	4	0
Case 63	10	121,207,272	122,429,367	2	1	3	0
Case 63	10	122,430,075	123,661,722	2	2	4	0
Case 63	10	123,662,106	123,933,923	3	1	4	0
Case 63	10	123,937,461	124,050,648	4	1	5	0
Case 63	10	124,058,549	124,648,997	3	1	4	0
Case 63	10	124,660,458	135,477,883	2	1	3	0
Case 63	11	193,146	34,633,745	2	1	3	0
Case 63	11	34,637,669	34,672,161	2	0	2	1
Case 63	11	34,672,889	38,205,546	2	1	3	0
Case 63	11	38,211,902	38,340,284	3	1	4	0
Case 63	11	38,345,032	51,591,253	2	1	3	0
Case 63	11	54,794,237	67,760,366	2	1	3	0
Case 63	11	67,764,091	73,408,272	2	0	2	1
Case 63	11	73,411,927	73,850,837	3	0	3	1
Case 63	11	73,863,411	74,053,573	2	0	2	1
Case 63	11	74,053,623	74,660,292	3	0	3	1
Case 63	11	74,664,025	76,154,846	2	1	3	0
Case 63	11	76,155,555	77,749,228	3	1	4	0
Case 63	11	77,773,715	80,059,033	2	1	3	0
Case 63	11	80,062,406	80,140,069	1	1	2	0
Case 63	11	80,140,376	110,721,187	2	1	3	0
Case 63	11	110,722,129	111,666,128	3	1	4	0
Case 63	11	111,673,539	117,906,510	2	1	3	0
Case 63	11	117,909,101	118,773,140	2	2	4	0
Case 63	11	118,779,309	134,934,063	2	1	3	0
Case 63	12	191,619	11,521,626	1	1	2	0
Case 63	12	11,543,002	16,711,631	2	1	3	0
Case 63	12	16,712,583	18,137,158	1	1	2	0
Case 63	12	18,141,629	18,684,104	1	0	1	0
Case 63	12	18,685,521	25,921,843	1	1	2	0
Case 63	12	25,930,414	29,149,089	5	1	6	0
Case 63	12	29,180,359	34,853,011	3	1	4	0
Case 63	12	37,876,400	40,310,608	3	1	4	0
Case 63	12	40,311,493	40,609,581	2	1	3	0
Case 63	12	40,609,883	53,840,377	3	1	4	0
Case 63	12	53,846,595	54,575,620	4	1	5	0
Case 63	12	54,576,323	57,649,840	3	1	4	0
Case 63	12	57,653,576	58,631,149	3	2	5	0
Case 63	12	58,632,584	120,785,685	3	1	4	0
Case 63	12	120,786,083	121,249,004	2	2	4	0
Case 63	12	121,256,520	133,810,935	3	1	4	0
Case 63	13	19,058,717	20,688,590	4	1	5	0
Case 63	13	20,689,298	30,407,398	3	1	4	0
Case 63	13	30,419,601	30,770,760	4	1	5	0
Case 63	13	30,773,281	41,485,061	3	1	4	0
Case 63	13	41,494,967	42,352,171	4	1	5	0
Case 63	13	42,363,295	64,345,041	3	1	4	0
Case 63	13	64,346,536	64,662,462	3	0	3	1
Case 63	13	64,703,769	73,656,032	4	1	5	0
Case 63	13	73,658,254	73,892,459	4	2	6	0
Case 63	13	73,896,221	74,661,811	3	2	5	0
Case 63	13	74,662,850	109,502,849	4	1	5	0
Case 63	13	109,504,041	115,103,529	3	1	4	0
Case 63	14	19,280,733	20,470,737	2	1	3	0



Case 63	14	20,470,903	22,340,647	3	1	4	0
Case 63	14	22,340,873	22,964,782	4	1	5	0
Case 63	14	22,966,662	54,560,018	3	1	4	0
Case 63	14	54,560,096	54,891,654	3	2	5	0
Case 63	14	54,892,999	64,035,971	3	1	4	0
Case 63	14	64,054,767	64,345,158	3	2	5	0
Case 63	14	64,346,190	64,739,505	3	1	4	0
Case 63	14	64,740,175	65,414,372	3	2	5	0
Case 63	14	65,417,070	103,194,998	3	1	4	0
Case 63	14	103,199,316	103,290,938	3	0	3	1
Case 63	14	103,291,031	107,287,663	3	1	4	0
Case 63	15	20,034,919	51,558,731	1	1	2	0
Case 63	15	51,569,410	52,133,914	2	1	3	0
Case 63	15	52,144,304	78,770,683	1	1	2	0
Case 63	15	78,779,384	86,720,146	2	1	3	0
Case 63	15	86,726,594	89,949,210	1	1	2	0
Case 63	15	89,951,742	90,622,936	2	1	3	0
Case 63	15	90,623,052	102,461,162	1	1	2	0
Case 63	16	88,165	14,586,821	2	1	3	0
Case 63	16	14,618,311	19,288,435	3	1	4	0
Case 63	16	19,289,237	20,499,397	4	1	5	0
Case 63	16	20,521,796	20,635,247	6	1	7	0
Case 63	16	20,635,418	20,810,074	5	1	6	0
Case 63	16	20,810,266	21,317,295	7	0	7	1
Case 63	16	21,608,472	35,285,582	2	1	3	0
Case 63	16	46,450,037	75,095,695	2	1	3	0
Case 63	16	75,102,952	75,448,587	3	1	4	0
Case 63	16	75,467,223	78,837,743	2	1	3	0
Case 63	16	78,837,772	79,199,110	2	0	2	1
Case 63	16	79,199,372	90,274,695	2	1	3	0
Case 63	17	11,885	602,613	2	0	2	1
Case 63	17	608,209	784,417	3	0	3	1
Case 63	17	784,963	1,614,225	4	0	4	1
Case 63	17	1,616,093	8,891,595	3	0	3	1
Case 63	17	8,905,016	16,450,583	4	0	4	1
Case 63	17	16,453,907	22,242,355	3	0	3	1
Case 63	17	25,268,142	25,268,142	3	0	3	1
Case 63	17	25,295,032	25,564,116	4	2	6	0
Case 63	17	25,566,997	25,974,442	3	2	5	0
Case 63	17	25,990,033	26,007,668	4	3	7	0
Case 63	17	26,018,955	26,209,665	3	2	5	0
Case 63	17	26,210,388	36,244,358	2	2	4	0
Case 63	17	36,307,189	37,687,178	5	1	6	0
Case 63	17	37,687,363	37,830,282	11	0	11	1
Case 63	17	37,830,888	37,840,860	17	1	18	0
Case 63	17	37,840,912	38,753,550	9	0	9	1
Case 63	17	38,754,800	39,959,433	9	1	10	0
Case 63	17	39,965,958	41,622,705	2	1	3	0
Case 63	17	41,622,970	42,270,977	4	1	5	0
Case 63	17	42,272,470	45,367,077	2	1	3	0
Case 63	17	45,367,092	45,878,845	2	2	4	0
Case 63	17	45,880,748	48,083,846	2	1	3	0
Case 63	17	48,103,935	49,030,596	4	1	5	0
Case 63	17	49,035,711	60,613,661	2	1	3	0
Case 63	17	60,631,102	60,709,277	2	2	4	0
Case 63	17	60,712,031	65,882,373	2	1	3	0
Case 63	17	65,883,081	76,134,249	2	2	4	0
Case 63	17	76,134,452	76,246,294	3	2	5	0
Case 63	17	76,248,130	77,839,025	2	2	4	0
Case 63	17	77,839,811	77,948,791	3	1	4	0
Case 63	17	77,950,014	78,349,572	2	2	4	0

Case 63	17	78,350,110	79,077,377	2	1	3	0
Case 63	17	79,077,746	79,682,059	3	1	4	0
Case 63	17	79,682,559	81,060,040	2	1	3	0
Case 63	18	87,505	2,377,088	2	1	3	0
Case 63	18	2,382,377	2,788,323	2	0	2	1
Case 63	18	2,791,071	3,215,086	2	1	3	0
Case 63	18	3,215,158	3,636,288	2	2	4	0
Case 63	18	3,645,455	15,375,878	2	1	3	0
Case 63	18	18,520,354	55,002,837	2	1	3	0
Case 63	18	55,008,906	55,146,682	3	1	4	0
Case 63	18	55,149,354	67,463,335	2	1	3	0
Case 63	18	67,466,068	67,747,484	2	2	4	0
Case 63	18	67,753,863	72,425,068	2	1	3	0
Case 63	18	72,441,535	72,679,334	1	0	1	0
Case 63	18	72,687,307	78,015,180	2	1	3	0
Case 63	19	260,912	1,510,199	2	0	2	1
Case 63	19	1,510,368	2,078,144	3	0	3	1
Case 63	19	2,078,181	10,738,643	2	0	2	1
Case 63	19	10,741,957	11,034,514	3	0	3	1
Case 63	19	11,034,582	16,301,100	2	0	2	1
Case 63	19	16,301,312	16,946,764	2	1	3	0
Case 63	19	16,952,586	18,312,588	2	0	2	1
Case 63	19	18,313,515	18,557,592	2	1	3	0
Case 63	19	18,557,617	18,719,009	2	0	2	1
Case 63	19	18,724,695	19,369,360	3	0	3	1
Case 63	19	19,369,401	21,215,212	2	0	2	1
Case 63	19	21,216,979	21,283,449	1	0	1	0
Case 63	19	21,284,220	24,545,366	2	0	2	1
Case 63	19	24,629,285	24,629,285	3	1	4	0
Case 63	19	27,732,159	28,967,575	3	1	4	0
Case 63	19	28,969,649	29,486,865	11	0	11	1
Case 63	19	29,487,317	29,810,905	9	0	9	1
Case 63	19	29,813,253	30,117,442	11	0	11	1
Case 63	19	30,119,907	30,202,367	14	0	14	1
Case 63	19	30,203,872	30,376,718	11	0	11	1
Case 63	19	30,378,841	30,539,739	17	0	17	1
Case 63	19	30,546,184	30,610,400	14	0	14	1
Case 63	19	30,612,444	30,803,054	10	0	10	1
Case 63	19	30,806,165	39,190,588	2	1	3	0
Case 63	19	39,195,558	41,003,463	2	2	4	0
Case 63	19	41,003,491	41,945,795	2	1	3	0
Case 63	19	41,947,635	42,521,108	2	2	4	0
Case 63	19	42,524,139	54,502,954	2	1	3	0
Case 63	19	54,511,915	54,971,026	3	1	4	0
Case 63	19	54,971,229	55,019,261	4	1	5	0
Case 63	19	55,019,324	59,097,160	2	1	3	0
Case 63	20	63,244	14,191,827	3	2	5	0
Case 63	20	14,205,048	14,309,952	3	1	4	0
Case 63	20	14,317,390	14,776,940	2	2	4	0
Case 63	20	14,780,319	14,833,762	3	1	4	0
Case 63	20	14,837,965	15,111,138	3	2	5	0
Case 63	20	15,113,642	15,234,769	2	1	3	0
Case 63	20	15,237,052	15,406,124	3	1	4	0
Case 63	20	15,411,170	17,275,533	3	2	5	0
Case 63	20	17,279,522	17,660,743	3	3	6	0
Case 63	20	17,669,186	26,293,985	3	2	5	0
Case 63	20	29,425,357	31,815,358	3	2	5	0
Case 63	20	31,819,789	32,779,379	3	1	4	0
Case 63	20	32,784,494	50,461,331	2	2	4	0
Case 63	20	50,464,581	54,467,126	3	2	5	0
Case 63	20	54,468,058	62,948,788	2	2	4	0

Case 63	21	10,827,533	10,971,337	2	1	3	0
Case 63	21	14,368,320	39,951,162	2	1	3	0
Case 63	21	39,953,486	40,483,956	2	2	4	0
Case 63	21	40,484,010	44,519,655	2	1	3	0
Case 63	21	44,525,219	44,618,563	3	1	4	0
Case 63	21	44,628,741	44,852,616	2	1	3	0
Case 63	21	44,853,859	45,019,965	3	1	4	0
Case 63	21	45,031,458	48,100,155	2	1	3	0
Case 63	22	16,114,244	39,395,612	2	0	2	1
Case 63	22	39,399,438	39,687,484	3	0	3	1
Case 63	22	39,694,225	41,268,925	2	0	2	1
Case 63	22	41,272,143	42,057,349	3	0	3	1
Case 63	22	42,062,767	42,995,724	2	0	2	1
Case 63	22	42,996,149	43,252,335	3	0	3	1
Case 63	22	43,260,427	45,568,511	2	0	2	1
Case 63	22	45,568,986	46,805,772	3	0	3	1
Case 63	22	46,807,234	51,195,728	2	0	2	1
Case 63	X	2,700,157	58,488,110	2	0	2	1
Case 63	X	61,694,576	154,898,561	2	0	2	1
Case 64	1	82,154	121,346,616	1	1	2	0
Case 64	1	142,649,718	249,218,992	1	1	2	0
Case 64	2	18,674	92,081,640	1	1	2	0
Case 64	2	95,429,424	243,048,760	1	1	2	0
Case 64	3	61,495	90,442,925	1	1	2	0
Case 64	3	93,537,290	197,838,262	1	1	2	0
Case 64	4	71,566	49,620,898	1	1	2	0
Case 64	4	52,697,856	190,963,766	1	1	2	0
Case 64	5	38,139	46,399,093	1	1	2	0
Case 64	5	49,457,282	180,693,127	1	1	2	0
Case 64	6	108,666	58,752,089	1	1	2	0
Case 64	6	61,891,118	170,980,171	1	1	2	0
Case 64	7	44,935	58,019,061	1	1	2	0
Case 64	7	61,056,053	159,119,486	1	1	2	0
Case 64	8	164,984	43,791,691	1	1	2	0
Case 64	8	46,886,735	146,293,414	1	1	2	0
Case 64	9	46,587	46,944,322	1	1	2	0
Case 64	9	65,629,772	141,066,491	1	1	2	0
Case 64	10	98,087	39,097,912	1	1	2	0
Case 64	10	42,436,301	135,477,883	1	1	2	0
Case 64	11	193,146	51,591,253	1	1	2	0
Case 64	11	54,794,237	134,934,063	1	1	2	0
Case 64	12	191,619	34,853,011	1	1	2	0
Case 64	12	37,876,400	133,810,935	1	1	2	0
Case 64	13	19,058,717	115,103,529	1	1	2	0
Case 64	14	19,280,733	107,287,663	1	1	2	0
Case 64	15	20,034,919	102,461,162	1	1	2	0
Case 64	16	88,165	35,285,582	1	1	2	0
Case 64	16	46,450,037	90,274,695	1	1	2	0
Case 64	17	11,885	22,242,355	1	1	2	0
Case 64	17	25,268,142	81,060,040	1	1	2	0
Case 64	18	87,505	15,375,878	1	1	2	0
Case 64	18	18,520,354	78,015,180	1	1	2	0
Case 64	19	260,912	24,629,285	1	1	2	0
Case 64	19	27,732,159	59,097,160	1	1	2	0
Case 64	20	63,244	26,293,985	1	1	2	0
Case 64	20	29,425,357	62,948,788	1	1	2	0
Case 64	21	10,827,533	10,971,337	1	1	2	0
Case 64	21	14,368,320	48,100,155	1	1	2	0
Case 64	22	16,114,244	51,195,728	1	1	2	0
Case 64	X	2,700,157	58,488,110	1	1	2	0
Case 64	X	61,694,576	154,898,561	1	1	2	0

Case 65	1	82,154	121,346,616	1	1	2	0
Case 65	1	142,649,718	249,218,992	1	1	2	0
Case 65	2	18,674	66,956,820	2	1	3	0
Case 65	2	66,963,401	68,350,615	1	1	2	0
Case 65	2	68,350,891	92,081,640	2	1	3	0
Case 65	2	95,429,424	126,477,788	2	1	3	0
Case 65	2	126,488,824	127,898,467	1	1	2	0
Case 65	2	127,901,657	137,509,045	2	1	3	0
Case 65	2	137,514,418	137,980,318	1	1	2	0
Case 65	2	137,981,047	243,048,760	2	1	3	0
Case 65	3	61,495	710,880	1	1	2	0
Case 65	3	712,551	50,534,635	2	1	3	0
Case 65	3	50,549,867	58,056,192	1	1	2	0
Case 65	3	58,057,684	59,741,758	2	1	3	0
Case 65	3	59,749,703	60,069,828	1	1	2	0
Case 65	3	60,070,931	90,442,925	2	1	3	0
Case 65	3	93,537,290	197,838,262	2	1	3	0
Case 65	4	71,566	49,620,898	2	1	3	0
Case 65	4	52,697,856	55,569,146	2	1	3	0
Case 65	4	55,569,954	190,963,766	1	1	2	0
Case 65	5	38,139	46,399,093	2	1	3	0
Case 65	5	49,457,282	180,693,127	2	1	3	0
Case 65	6	108,666	58,752,089	1	1	2	0
Case 65	6	61,891,118	170,980,171	1	1	2	0
Case 65	7	44,935	83,185	2	1	3	0
Case 65	7	93,811	3,113,034	1	1	2	0
Case 65	7	3,117,874	55,481,389	2	1	3	0
Case 65	7	55,489,494	58,019,061	1	1	2	0
Case 65	7	61,056,053	77,762,326	1	1	2	0
Case 65	7	77,764,079	110,678,370	2	1	3	0
Case 65	7	110,678,928	111,317,219	1	1	2	0
Case 65	7	111,319,190	159,119,486	2	1	3	0
Case 65	8	164,984	43,791,691	2	1	3	0
Case 65	8	46,886,735	146,293,414	2	1	3	0
Case 65	9	46,587	17,581,039	1	1	2	0
Case 65	9	17,585,896	21,620,510	2	1	3	0
Case 65	9	21,626,200	25,049,865	1	1	2	0
Case 65	9	25,068,476	25,872,205	2	1	3	0
Case 65	9	25,878,901	46,944,322	1	1	2	0
Case 65	9	65,629,772	81,782,185	2	1	3	0
Case 65	9	81,784,956	103,976,442	1	1	2	0
Case 65	9	103,981,628	104,279,275	2	1	3	0
Case 65	9	104,291,812	141,066,491	1	1	2	0
Case 65	10	98,087	39,097,912	1	1	2	0
Case 65	10	42,436,301	111,406,295	1	1	2	0
Case 65	10	111,421,513	111,524,203	2	1	3	0
Case 65	10	111,526,007	135,477,883	1	1	2	0
Case 65	11	193,146	5,878,617	1	1	2	0
Case 65	11	5,878,628	5,969,073	2	1	3	0
Case 65	11	5,969,185	51,591,253	1	1	2	0
Case 65	11	54,794,237	134,934,063	1	1	2	0
Case 65	12	191,619	34,853,011	2	1	3	0
Case 65	12	37,876,400	106,399,983	2	1	3	0
Case 65	12	106,403,227	133,810,935	1	1	2	0
Case 65	13	19,058,717	22,804,312	1	1	2	0
Case 65	13	22,804,897	23,073,615	2	1	3	0
Case 65	13	23,079,905	115,103,529	1	1	2	0
Case 65	14	19,280,733	20,445,370	2	1	3	0
Case 65	14	20,445,618	22,828,889	1	1	2	0
Case 65	14	22,838,630	23,172,289	2	1	3	0
Case 65	14	23,178,307	107,287,663	1	1	2	0

Case 65	15	20,034,919	29,235,279	2	1	3	0
Case 65	15	29,238,202	29,493,154	1	1	2	0
Case 65	15	29,496,888	102,461,162	2	1	3	0
Case 65	16	88,165	3,639,782	2	1	3	0
Case 65	16	3,639,827	8,847,672	1	1	2	0
Case 65	16	8,853,787	9,436,915	2	1	3	0
Case 65	16	9,437,050	19,088,665	1	1	2	0
Case 65	16	19,095,085	35,285,582	2	1	3	0
Case 65	16	46,450,037	90,274,695	1	1	2	0
Case 65	17	11,885	18,607,786	1	1	2	0
Case 65	17	18,618,644	22,242,355	2	1	3	0
Case 65	17	25,268,142	34,436,708	2	1	3	0
Case 65	17	34,443,811	49,916,168	1	1	2	0
Case 65	17	49,921,390	70,481,100	2	1	3	0
Case 65	17	70,481,653	81,060,040	1	1	2	0
Case 65	18	87,505	15,375,878	2	1	3	0
Case 65	18	18,520,354	26,162,481	2	1	3	0
Case 65	18	26,162,610	78,015,180	1	1	2	0
Case 65	19	260,912	24,629,285	1	1	2	0
Case 65	19	27,732,159	59,097,160	1	1	2	0
Case 65	20	63,244	14,687,769	2	1	3	0
Case 65	20	14,688,519	15,296,031	1	1	2	0
Case 65	20	15,299,632	26,293,985	2	1	3	0
Case 65	20	29,425,357	40,503,781	2	1	3	0
Case 65	20	40,507,210	50,966,307	1	1	2	0
Case 65	20	50,979,238	59,592,190	2	1	3	0
Case 65	20	59,594,066	62,948,788	1	1	2	0
Case 65	21	10,827,533	10,971,337	1	1	2	0
Case 65	21	14,368,320	48,100,155	1	1	2	0
Case 65	22	16,114,244	51,195,728	1	1	2	0
Case 65	X	2,700,157	31,840,701	2	1	3	0
Case 65	X	31,843,230	31,883,410	1	1	2	0
Case 65	X	31,887,778	58,488,110	2	1	3	0
Case 65	X	61,694,576	134,195,844	2	1	3	0
Case 65	X	134,217,301	135,254,359	1	1	2	0
Case 65	X	135,257,385	154,898,561	2	1	3	0
Case 66	1	82,154	121,346,616	1	1	2	0
Case 66	1	142,649,718	249,218,992	1	1	2	0
Case 66	2	18,674	92,081,640	1	1	2	0
Case 66	2	95,429,424	243,048,760	1	1	2	0
Case 66	3	61,495	90,442,925	1	1	2	0
Case 66	3	93,537,290	197,838,262	1	1	2	0
Case 66	4	71,566	49,620,898	1	1	2	0
Case 66	4	52,697,856	190,963,766	1	1	2	0
Case 66	5	38,139	46,399,093	1	1	2	0
Case 66	5	49,457,282	180,693,127	1	1	2	0
Case 66	6	108,666	58,752,089	1	1	2	0
Case 66	6	61,891,118	170,980,171	1	1	2	0
Case 66	7	44,935	58,019,061	1	1	2	0
Case 66	7	61,056,053	159,119,486	1	1	2	0
Case 66	8	164,984	43,791,691	1	1	2	0
Case 66	8	46,886,735	146,293,414	1	1	2	0
Case 66	9	46,587	46,944,322	1	1	2	0
Case 66	9	65,629,772	141,066,491	1	1	2	0
Case 66	10	98,087	39,097,912	1	1	2	0
Case 66	10	42,436,301	135,477,883	1	1	2	0
Case 66	11	193,146	51,591,253	1	1	2	0
Case 66	11	54,794,237	134,934,063	1	1	2	0
Case 66	12	191,619	34,853,011	1	1	2	0
Case 66	12	37,876,400	133,810,935	1	1	2	0
Case 66	13	19,058,717	115,103,529	1	1	2	0

Case 66	14	19,280,733	107,287,663	1	1	2	0
Case 66	15	20,034,919	102,461,162	1	1	2	0
Case 66	16	88,165	35,285,582	1	1	2	0
Case 66	16	46,450,037	90,274,695	1	1	2	0
Case 66	17	11,885	22,242,355	1	1	2	0
Case 66	17	25,268,142	81,060,040	1	1	2	0
Case 66	18	87,505	15,375,878	1	1	2	0
Case 66	18	18,520,354	78,015,180	1	1	2	0
Case 66	19	260,912	24,629,285	1	1	2	0
Case 66	19	27,732,159	59,097,160	1	1	2	0
Case 66	20	63,244	26,293,985	1	1	2	0
Case 66	20	29,425,357	62,948,788	1	1	2	0
Case 66	21	10,827,533	10,971,337	1	1	2	0
Case 66	21	14,368,320	48,100,155	1	1	2	0
Case 66	22	16,114,244	51,195,728	1	1	2	0
Case 66	X	2,700,157	58,488,110	1	0	1	0
Case 66	X	61,694,576	154,898,561	1	0	1	0
Case 67	1	82,154	121,346,616	1	1	2	0
Case 67	1	142,649,718	190,988,857	1	1	2	0
Case 67	1	190,989,756	191,199,033	1	0	1	0
Case 67	1	191,223,734	244,015,993	1	1	2	0
Case 67	1	244,023,667	249,218,992	2	1	3	0
Case 67	2	18,674	11,284,116	2	0	2	1
Case 67	2	11,284,170	92,081,640	1	1	2	0
Case 67	2	95,429,424	243,048,760	1	1	2	0
Case 67	3	61,495	7,222,236	1	0	1	0
Case 67	3	7,225,763	10,888,402	2	1	3	0
Case 67	3	10,891,237	56,450,723	1	1	2	0
Case 67	3	56,453,197	63,624,266	1	0	1	0
Case 67	3	63,628,019	66,712,564	4	1	5	0
Case 67	3	66,712,640	66,996,179	3	1	4	0
Case 67	3	67,006,795	70,909,328	4	1	5	0
Case 67	3	70,910,331	73,287,838	3	1	4	0
Case 67	3	73,291,914	73,594,445	2	1	3	0
Case 67	3	73,601,210	75,726,925	3	1	4	0
Case 67	3	75,734,088	90,442,925	1	1	2	0
Case 67	3	93,537,290	156,626,091	1	1	2	0
Case 67	3	156,642,634	197,838,262	2	1	3	0
Case 67	4	71,566	49,620,898	1	1	2	0
Case 67	4	52,697,856	187,915,635	1	1	2	0
Case 67	4	187,916,373	188,258,978	2	1	3	0
Case 67	4	188,265,382	190,963,766	1	1	2	0
Case 67	5	38,139	46,117,770	1	1	2	0
Case 67	5	46,127,095	46,399,093	1	0	1	0
Case 67	5	49,457,282	49,470,083	1	0	1	0
Case 67	5	49,492,838	180,693,127	1	1	2	0
Case 67	6	108,666	11,551,050	1	0	1	0
Case 67	6	11,575,735	33,047,612	1	1	2	0
Case 67	6	33,048,457	33,051,910	2	1	3	0
Case 67	6	33,052,736	58,752,089	1	1	2	0
Case 67	6	61,891,118	93,378,969	1	1	2	0
Case 67	6	93,396,190	126,767,600	1	0	1	0
Case 67	6	126,802,598	170,980,171	1	1	2	0
Case 67	7	44,935	29,876,672	2	1	3	0
Case 67	7	29,878,542	58,019,061	1	1	2	0
Case 67	7	61,056,053	71,280,299	1	1	2	0
Case 67	7	71,297,516	73,239,500	2	1	3	0
Case 67	7	73,239,618	91,509,867	1	1	2	0
Case 67	7	91,539,717	92,826,850	2	1	3	0
Case 67	7	92,836,316	94,368,896	1	1	2	0
Case 67	7	94,375,808	96,986,462	3	1	4	0

Case 67	7	96,989,624	103,074,653	2	1	3	0
Case 67	7	103,084,913	110,052,275	3	1	4	0
Case 67	7	110,054,993	116,491,214	2	1	3	0
Case 67	7	116,514,404	121,999,971	1	0	1	0
Case 67	7	122,001,046	127,744,787	2	1	3	0
Case 67	7	127,771,601	127,970,913	1	1	2	0
Case 67	7	127,973,408	130,065,429	2	1	3	0
Case 67	7	130,079,834	133,243,248	1	0	1	0
Case 67	7	133,261,817	134,380,776	3	0	3	1
Case 67	7	134,382,784	137,689,901	3	1	4	0
Case 67	7	137,692,998	141,255,295	4	1	5	0
Case 67	7	141,272,716	143,702,008	2	0	2	1
Case 67	7	143,702,011	153,374,988	1	0	1	0
Case 67	7	153,378,283	158,494,547	2	0	2	1
Case 67	7	158,498,994	159,119,486	2	1	3	0
Case 67	8	164,984	43,791,691	1	1	2	0
Case 67	8	46,886,735	47,429,464	1	1	2	0
Case 67	8	47,469,217	140,056,945	2	1	3	0
Case 67	8	140,062,905	146,293,414	1	1	2	0
Case 67	9	46,587	18,809,482	1	0	1	0
Case 67	9	18,810,029	20,690,387	4	1	5	0
Case 67	9	20,700,838	20,923,696	2	1	3	0
Case 67	9	20,925,921	21,226,832	4	1	5	0
Case 67	9	21,227,670	23,186,453	2	1	3	0
Case 67	9	23,188,081	23,427,158	3	1	4	0
Case 67	9	23,430,020	24,212,352	2	1	3	0
Case 67	9	24,231,246	28,305,521	1	0	1	0
Case 67	9	28,309,788	28,340,158	0	0	0	0
Case 67	9	28,340,971	46,944,322	1	0	1	0
Case 67	9	65,629,772	85,282,258	2	1	3	0
Case 67	9	85,288,781	95,561,537	4	1	5	0
Case 67	9	95,572,545	107,555,077	2	0	2	1
Case 67	9	107,555,306	141,066,491	1	1	2	0
Case 67	10	98,087	39,097,912	1	1	2	0
Case 67	10	42,436,301	135,477,883	1	1	2	0
Case 67	11	193,146	1,018,251	1	1	2	0
Case 67	11	1,018,262	6,113,332	1	0	1	0
Case 67	11	6,120,908	51,591,253	1	1	2	0
Case 67	11	54,794,237	62,400,952	1	1	2	0
Case 67	11	62,401,620	66,950,374	2	0	2	1
Case 67	11	66,963,425	69,248,131	3	0	3	1
Case 67	11	69,252,000	70,053,487	4	0	4	1
Case 67	11	70,053,547	89,935,586	3	0	3	1
Case 67	11	89,935,908	90,630,035	2	0	2	1
Case 67	11	90,630,937	97,281,245	3	0	3	1
Case 67	11	97,281,735	100,345,438	4	0	4	1
Case 67	11	100,375,968	100,718,626	9	0	9	1
Case 67	11	100,720,108	102,477,267	10	0	10	1
Case 67	11	102,477,309	102,533,698	8	0	8	1
Case 67	11	102,535,700	102,772,798	10	0	10	1
Case 67	11	102,774,392	102,908,390	8	0	8	1
Case 67	11	102,911,494	103,626,209	12	0	12	1
Case 67	11	103,635,415	103,820,517	9	0	9	1
Case 67	11	103,833,805	119,574,695	2	0	2	1
Case 67	11	119,576,911	134,934,063	1	0	1	0
Case 67	12	191,619	34,853,011	1	1	2	0
Case 67	12	37,876,400	133,810,935	1	1	2	0
Case 67	13	19,058,717	56,677,746	1	1	2	0
Case 67	13	56,699,942	82,503,963	1	0	1	0
Case 67	13	82,512,318	115,103,529	1	1	2	0
Case 67	14	19,280,733	20,444,236	2	2	4	0

Case 67	14	20,445,370	22,098,484	1	1	2	0
Case 67	14	22,099,506	22,953,861	2	1	3	0
Case 67	14	22,955,716	107,287,663	1	1	2	0
Case 67	15	20,034,919	102,461,162	1	1	2	0
Case 67	16	88,165	35,285,582	1	1	2	0
Case 67	16	46,450,037	77,763,255	1	1	2	0
Case 67	16	77,766,640	78,224,186	2	1	3	0
Case 67	16	78,236,048	78,487,924	1	1	2	0
Case 67	16	78,491,313	78,591,553	1	0	1	0
Case 67	16	78,593,628	78,939,658	1	1	2	0
Case 67	16	78,940,747	79,085,534	1	0	1	0
Case 67	16	79,085,548	90,274,695	1	1	2	0
Case 67	17	11,885	5,042,715	1	1	2	0
Case 67	17	5,042,837	5,510,258	1	0	1	0
Case 67	17	5,514,590	9,683,268	1	1	2	0
Case 67	17	9,683,276	22,242,355	1	0	1	0
Case 67	17	25,268,142	25,268,142	1	0	1	0
Case 67	17	25,295,032	77,273,513	1	1	2	0
Case 67	17	77,273,619	77,296,632	2	1	3	0
Case 67	17	77,298,153	81,060,040	1	1	2	0
Case 67	18	87,505	15,375,878	1	0	1	0
Case 67	18	18,520,354	18,556,505	1	0	1	0
Case 67	18	18,561,020	38,498,374	1	1	2	0
Case 67	18	38,499,957	40,345,564	1	0	1	0
Case 67	18	40,357,460	41,626,891	1	1	2	0
Case 67	18	41,627,797	49,754,754	2	1	3	0
Case 67	18	49,765,016	50,400,650	1	0	1	0
Case 67	18	50,410,686	50,894,200	2	1	3	0
Case 67	18	50,900,432	51,678,367	1	0	1	0
Case 67	18	51,680,659	52,327,216	2	1	3	0
Case 67	18	52,328,815	78,015,180	1	0	1	0
Case 67	19	260,912	24,629,285	1	1	2	0
Case 67	19	27,732,159	54,722,700	1	1	2	0
Case 67	19	54,731,679	54,749,011	2	1	3	0
Case 67	19	54,753,543	59,097,160	1	1	2	0
Case 67	20	63,244	26,293,985	1	1	2	0
Case 67	20	29,425,357	32,566,975	1	1	2	0
Case 67	20	32,573,900	51,251,485	3	1	4	0
Case 67	20	51,252,989	51,277,244	4	1	5	0
Case 67	20	51,278,134	62,948,788	3	1	4	0
Case 67	21	10,827,533	10,971,337	1	1	2	0
Case 67	21	14,368,320	48,100,155	1	1	2	0
Case 67	22	16,114,244	51,195,728	1	1	2	0
Case 67	X	2,700,157	58,488,110	2	2	4	0
Case 67	X	61,694,576	75,813,915	2	2	4	0
Case 67	X	75,824,241	78,171,486	2	0	2	1
Case 67	X	78,172,806	99,840,056	1	0	1	0
Case 67	X	99,840,178	120,970,548	2	1	3	0
Case 67	X	120,970,924	121,102,142	2	0	2	1
Case 67	X	121,103,707	154,898,561	2	1	3	0
Case 69	1	82,154	25,573,406	2	1	3	0
Case 69	1	25,598,276	28,451,885	1	0	1	0
Case 69	1	28,461,640	49,894,407	2	1	3	0
Case 69	1	49,928,063	119,081,459	1	1	2	0
Case 69	1	119,095,273	121,346,616	2	1	3	0
Case 69	1	142,649,718	152,259,742	2	1	3	0
Case 69	1	152,273,168	162,361,245	1	1	2	0
Case 69	1	162,363,732	162,385,511	2	1	3	0
Case 69	1	162,390,085	165,140,955	1	1	2	0
Case 69	1	165,157,400	168,566,850	2	1	3	0
Case 69	1	168,568,911	192,089,215	1	1	2	0



Case 69	1	192,091,291	194,368,842	2	1	3	0
Case 69	1	194,377,156	219,926,717	1	1	2	0
Case 69	1	219,931,145	245,366,662	2	1	3	0
Case 69	1	245,367,423	245,543,358	1	0	1	0
Case 69	1	245,550,394	249,218,992	2	1	3	0
Case 69	2	18,674	17,943,015	1	1	2	0
Case 69	2	17,946,243	31,611,143	2	1	3	0
Case 69	2	31,611,238	92,081,640	1	1	2	0
Case 69	2	95,429,424	137,017,060	1	1	2	0
Case 69	2	137,025,312	141,389,182	2	0	2	1
Case 69	2	141,391,918	205,379,392	1	1	2	0
Case 69	2	205,379,823	206,063,298	1	0	1	0
Case 69	2	206,075,239	234,685,503	1	1	2	0
Case 69	2	234,685,527	241,846,140	2	1	3	0
Case 69	2	241,855,182	241,927,005	3	1	4	0
Case 69	2	241,933,700	243,048,760	2	1	3	0
Case 69	3	61,495	8,358,721	1	1	2	0
Case 69	3	8,359,650	14,708,918	1	0	1	0
Case 69	3	14,709,935	60,289,842	1	1	2	0
Case 69	3	60,292,606	60,403,658	1	0	1	0
Case 69	3	60,405,004	60,531,242	1	1	2	0
Case 69	3	60,536,420	60,563,632	1	0	1	0
Case 69	3	60,566,161	60,610,341	2	1	3	0
Case 69	3	60,611,613	61,096,082	1	0	1	0
Case 69	3	61,098,641	61,178,476	2	0	2	1
Case 69	3	61,184,321	61,273,798	1	0	1	0
Case 69	3	61,277,745	90,442,925	2	0	2	1
Case 69	3	93,537,290	141,952,871	2	0	2	1
Case 69	3	141,962,168	142,000,804	1	0	1	0
Case 69	3	142,015,590	144,277,333	2	0	2	1
Case 69	3	144,283,642	146,221,640	1	0	1	0
Case 69	3	146,231,988	175,043,656	2	1	3	0
Case 69	3	175,050,468	175,296,589	3	1	4	0
Case 69	3	175,326,982	189,612,269	2	1	3	0
Case 69	3	189,615,854	191,059,322	2	2	4	0
Case 69	3	191,060,954	197,838,262	2	1	3	0
Case 69	4	71,566	49,620,898	2	1	3	0
Case 69	4	52,697,856	56,635,884	2	1	3	0
Case 69	4	56,637,488	91,469,221	2	0	2	1
Case 69	4	91,475,787	92,028,969	1	0	1	0
Case 69	4	92,036,269	105,988,057	2	0	2	1
Case 69	4	106,005,985	106,028,073	3	1	4	0
Case 69	4	106,032,945	161,095,976	2	0	2	1
Case 69	4	161,097,392	161,713,693	3	0	3	1
Case 69	4	161,718,544	163,379,149	5	0	5	1
Case 69	4	163,385,544	167,022,359	7	0	7	1
Case 69	4	167,023,760	167,259,818	8	0	8	1
Case 69	4	167,263,766	168,080,117	7	0	7	1
Case 69	4	168,084,157	169,801,952	1	0	1	0
Case 69	4	169,812,782	171,234,790	6	0	6	1
Case 69	4	171,244,684	172,997,356	7	0	7	1
Case 69	4	172,999,916	190,963,766	1	0	1	0
Case 69	5	38,139	3,292,902	2	1	3	0
Case 69	5	3,302,781	7,783,858	1	1	2	0
Case 69	5	7,784,478	30,696,023	2	1	3	0
Case 69	5	30,713,080	31,228,046	3	1	4	0
Case 69	5	31,229,741	33,823,475	4	1	5	0
Case 69	5	33,828,203	38,061,840	3	1	4	0
Case 69	5	38,074,854	38,105,437	5	1	6	0
Case 69	5	38,106,089	38,723,523	3	1	4	0
Case 69	5	38,723,889	38,793,697	2	1	3	0

Case 69	5	38,794,770	44,396,015	3	1	4	0
Case 69	5	44,398,696	46,399,093	2	1	3	0
Case 69	5	49,457,282	131,233,083	2	0	2	1
Case 69	5	131,251,202	131,370,827	4	0	4	1
Case 69	5	131,394,738	153,861,047	2	0	2	1
Case 69	5	153,864,515	153,992,798	1	0	1	0
Case 69	5	153,995,314	168,912,305	2	0	2	1
Case 69	5	168,922,672	180,693,127	3	0	3	1
Case 69	6	108,666	32,669,018	2	1	3	0
Case 69	6	32,669,084	32,679,275	3	1	4	0
Case 69	6	32,679,690	58,752,089	2	1	3	0
Case 69	6	61,891,118	62,362,867	2	1	3	0
Case 69	6	62,386,554	120,641,888	1	1	2	0
Case 69	6	120,649,636	121,196,068	2	1	3	0
Case 69	6	121,198,620	124,771,282	1	0	1	0
Case 69	6	124,773,048	125,116,245	2	0	2	1
Case 69	6	125,122,731	143,816,923	1	1	2	0
Case 69	6	143,816,924	143,994,199	1	0	1	0
Case 69	6	144,000,856	145,907,007	1	1	2	0
Case 69	6	145,932,576	147,881,001	2	0	2	1
Case 69	6	147,881,171	148,007,144	1	0	1	0
Case 69	6	148,015,300	162,349,458	2	0	2	1
Case 69	6	162,349,894	162,460,484	1	0	1	0
Case 69	6	162,461,329	170,980,171	2	0	2	1
Case 69	7	44,935	13,476,506	2	1	3	0
Case 69	7	13,477,214	14,288,622	3	2	5	0
Case 69	7	14,292,511	16,245,357	2	2	4	0
Case 69	7	16,245,752	38,297,145	2	1	3	0
Case 69	7	38,298,285	38,363,748	2	2	4	0
Case 69	7	38,363,929	58,019,061	2	1	3	0
Case 69	7	61,056,053	62,043,624	2	1	3	0
Case 69	7	62,047,108	62,479,327	1	1	2	0
Case 69	7	62,510,311	159,119,486	2	1	3	0
Case 69	8	164,984	2,092,640	1	0	1	0
Case 69	8	2,092,646	10,372,068	1	1	2	0
Case 69	8	10,377,861	10,924,369	2	1	3	0
Case 69	8	10,937,019	11,627,454	4	0	4	1
Case 69	8	11,628,162	11,831,477	2	1	3	0
Case 69	8	11,833,262	12,916,186	1	1	2	0
Case 69	8	12,917,220	12,958,149	2	1	3	0
Case 69	8	12,966,739	21,277,933	1	1	2	0
Case 69	8	21,278,526	22,238,030	2	1	3	0
Case 69	8	22,239,868	22,488,004	3	1	4	0
Case 69	8	22,491,518	32,573,583	1	1	2	0
Case 69	8	32,579,109	33,371,296	2	1	3	0
Case 69	8	33,384,027	37,011,661	1	1	2	0
Case 69	8	37,012,275	37,259,045	2	1	3	0
Case 69	8	37,286,161	37,797,516	1	1	2	0
Case 69	8	37,809,609	38,139,034	2	1	3	0
Case 69	8	38,139,080	38,465,928	3	0	3	1
Case 69	8	38,466,443	39,486,932	5	0	5	1
Case 69	8	39,494,782	40,673,248	4	0	4	1
Case 69	8	40,673,946	43,791,691	3	0	3	1
Case 69	8	46,886,735	46,942,842	3	0	3	1
Case 69	8	46,944,913	100,977,655	4	0	4	1
Case 69	8	100,990,177	101,110,024	5	0	5	1
Case 69	8	101,114,794	135,768,759	4	0	4	1
Case 69	8	135,769,607	135,809,634	5	0	5	1
Case 69	8	135,812,548	146,293,414	4	0	4	1
Case 69	9	46,587	9,042,840	1	0	1	0
Case 69	9	9,043,421	9,763,352	0	0	0	0

Case 69	9	9,770,741	29,218,907	1	0	1	0
Case 69	9	29,223,296	29,640,242	3	0	3	1
Case 69	9	29,647,032	46,944,322	2	0	2	1
Case 69	9	65,629,772	141,066,491	2	0	2	1
Case 69	10	98,087	39,097,912	2	1	3	0
Case 69	10	42,436,301	57,757,228	2	1	3	0
Case 69	10	57,762,772	58,510,079	1	1	2	0
Case 69	10	58,518,556	81,577,614	2	1	3	0
Case 69	10	81,652,266	95,459,267	2	0	2	1
Case 69	10	95,459,817	96,081,761	3	0	3	1
Case 69	10	96,081,787	111,622,694	2	0	2	1
Case 69	10	111,624,141	131,869,597	2	2	4	0
Case 69	10	131,871,869	135,477,883	2	1	3	0
Case 69	11	193,146	34,610,744	2	1	3	0
Case 69	11	34,614,555	34,702,640	1	1	2	0
Case 69	11	34,704,565	50,248,332	2	1	3	0
Case 69	11	50,280,123	51,591,253	2	0	2	1
Case 69	11	54,794,237	66,999,244	2	0	2	1
Case 69	11	67,011,765	67,033,076	4	0	4	1
Case 69	11	67,034,266	67,915,693	5	0	5	1
Case 69	11	67,917,087	68,196,830	4	0	4	1
Case 69	11	68,196,961	69,230,242	5	0	5	1
Case 69	11	69,231,796	69,570,988	6	0	6	1
Case 69	11	69,572,684	70,079,002	5	0	5	1
Case 69	11	70,079,854	70,478,801	4	0	4	1
Case 69	11	70,484,402	134,934,063	2	0	2	1
Case 69	12	191,619	34,819,926	2	1	3	0
Case 69	12	34,826,574	34,853,011	2	0	2	1
Case 69	12	37,876,400	65,670,821	2	0	2	1
Case 69	12	65,671,035	133,810,935	3	0	3	1
Case 69	13	19,058,717	115,103,529	2	0	2	1
Case 69	14	19,280,733	20,443,751	3	1	4	0
Case 69	14	20,443,757	22,424,896	2	1	3	0
Case 69	14	22,425,847	22,972,986	2	2	4	0
Case 69	14	22,974,256	107,287,663	2	1	3	0
Case 69	15	20,034,919	24,742,652	3	0	3	1
Case 69	15	24,785,200	30,353,491	2	0	2	1
Case 69	15	30,354,303	31,734,436	1	0	1	0
Case 69	15	31,736,091	66,319,407	2	0	2	1
Case 69	15	66,322,702	66,568,700	1	0	1	0
Case 69	15	66,577,043	87,847,134	2	0	2	1
Case 69	15	87,847,188	87,888,663	1	0	1	0
Case 69	15	87,889,244	88,265,779	2	0	2	1
Case 69	15	88,272,469	97,593,545	3	0	3	1
Case 69	15	97,593,989	102,461,162	2	0	2	1
Case 69	16	88,165	336,446	1	0	1	0
Case 69	16	336,660	35,285,582	1	1	2	0
Case 69	16	46,450,037	53,145,770	1	1	2	0
Case 69	16	53,153,350	53,321,892	1	0	1	0
Case 69	16	53,326,860	78,151,746	1	1	2	0
Case 69	16	78,153,157	78,459,346	1	0	1	0
Case 69	16	78,463,512	78,648,998	1	1	2	0
Case 69	16	78,656,489	78,749,341	1	0	1	0
Case 69	16	78,754,687	90,274,695	1	1	2	0
Case 69	17	11,885	22,242,355	2	0	2	1
Case 69	17	25,268,142	25,295,032	2	0	2	1
Case 69	17	25,329,949	27,520,062	1	0	1	0
Case 69	17	27,524,501	81,060,040	2	0	2	1
Case 69	18	87,505	15,375,878	1	1	2	0
Case 69	18	18,520,354	19,093,933	1	1	2	0
Case 69	18	19,100,763	19,177,285	2	1	3	0

Case 69	18	19,185,087	20,621,714	6	0	6	1
Case 69	18	20,634,130	20,664,430	4	1	5	0
Case 69	18	20,672,555	22,712,791	3	1	4	0
Case 69	18	22,721,515	23,225,488	2	1	3	0
Case 69	18	23,230,546	24,122,299	4	1	5	0
Case 69	18	24,123,067	25,039,212	2	1	3	0
Case 69	18	25,048,913	25,647,288	1	1	2	0
Case 69	18	25,650,000	26,037,479	3	1	4	0
Case 69	18	26,045,622	36,152,668	1	1	2	0
Case 69	18	36,153,889	36,537,526	1	0	1	0
Case 69	18	36,538,967	69,543,813	1	1	2	0
Case 69	18	69,546,573	69,924,440	1	0	1	0
Case 69	18	69,926,757	78,015,180	1	1	2	0
Case 69	19	260,912	4,590,877	2	0	2	1
Case 69	19	4,591,634	4,640,983	1	0	1	0
Case 69	19	4,647,231	24,629,285	2	0	2	1
Case 69	19	27,732,159	33,538,414	2	0	2	1
Case 69	19	33,567,565	41,341,589	3	0	3	1
Case 69	19	41,350,895	41,365,095	0	0	0	0
Case 69	19	41,379,148	52,388,229	3	0	3	1
Case 69	19	52,389,627	53,521,083	2	0	2	1
Case 69	19	53,522,100	57,608,130	3	0	3	1
Case 69	19	57,608,342	59,097,160	2	0	2	1
Case 69	20	63,244	5,865,636	3	0	3	1
Case 69	20	5,867,491	5,917,428	2	0	2	1
Case 69	20	5,918,288	13,950,270	3	0	3	1
Case 69	20	13,950,946	14,785,705	2	0	2	1
Case 69	20	14,794,361	15,031,044	1	0	1	0
Case 69	20	15,037,065	15,261,837	2	0	2	1
Case 69	20	15,264,901	26,293,985	3	0	3	1
Case 69	20	29,425,357	37,689,228	3	0	3	1
Case 69	20	37,690,464	59,760,043	4	0	4	1
Case 69	20	59,762,217	62,948,788	3	0	3	1
Case 69	21	10,827,533	10,971,337	1	1	2	0
Case 69	21	14,368,320	17,054,735	1	1	2	0
Case 69	21	17,054,861	19,179,271	2	1	3	0
Case 69	21	19,186,614	19,601,047	3	1	4	0
Case 69	21	19,607,543	22,718,691	1	1	2	0
Case 69	21	22,722,989	23,787,309	3	1	4	0
Case 69	21	23,795,193	48,100,155	1	1	2	0
Case 69	22	16,114,244	51,195,728	2	0	2	1
Case 69	X	2,700,157	2,802,368	0	0	0	0
Case 69	X	2,802,568	58,488,110	1	0	1	0
Case 69	X	61,694,576	154,898,561	1	0	1	0
Case 70	1	82,154	93,274,450	3	2	5	0
Case 70	1	93,289,668	121,346,616	2	2	4	0
Case 70	1	142,649,718	249,218,992	3	2	5	0
Case 70	2	18,674	92,081,640	3	2	5	0
Case 70	2	95,429,424	186,164,824	3	2	5	0
Case 70	2	186,165,639	186,556,464	2	2	4	0
Case 70	2	186,577,266	222,423,389	3	2	5	0
Case 70	2	222,424,544	222,721,065	2	2	4	0
Case 70	2	222,729,505	243,048,760	3	2	5	0
Case 70	3	61,495	58,163,901	2	2	4	0
Case 70	3	58,165,233	58,819,748	3	2	5	0
Case 70	3	58,823,639	90,442,925	2	2	4	0
Case 70	3	93,537,290	197,838,262	3	2	5	0
Case 70	4	71,566	49,620,898	2	2	4	0
Case 70	4	52,697,856	190,963,766	2	2	4	0
Case 70	5	38,139	30,839,331	2	2	4	0
Case 70	5	30,839,387	30,963,876	3	2	5	0

Case 70	5	30,964,809	46,399,093	2	2	4	0
Case 70	5	49,457,282	70,986,475	2	2	4	0
Case 70	5	70,990,736	71,162,904	3	2	5	0
Case 70	5	71,163,187	149,971,345	2	2	4	0
Case 70	5	149,972,167	150,422,168	3	2	5	0
Case 70	5	150,422,765	180,693,127	2	2	4	0
Case 70	6	108,666	19,575,499	2	2	4	0
Case 70	6	19,589,595	19,743,486	4	2	6	0
Case 70	6	19,748,549	29,772,395	3	2	5	0
Case 70	6	29,772,549	29,807,853	2	2	4	0
Case 70	6	29,807,923	47,010,843	3	2	5	0
Case 70	6	47,028,167	47,153,739	3	3	6	0
Case 70	6	47,163,013	58,752,089	3	2	5	0
Case 70	6	61,891,118	87,229,518	3	2	5	0
Case 70	6	87,243,828	92,965,297	2	2	4	0
Case 70	6	92,966,484	155,752,048	3	2	5	0
Case 70	6	155,754,323	155,896,760	7	2	9	0
Case 70	6	155,897,444	156,043,860	8	2	10	0
Case 70	6	156,050,029	156,133,888	6	2	8	0
Case 70	6	156,136,688	156,293,797	3	2	5	0
Case 70	6	156,299,960	170,980,171	2	2	4	0
Case 70	7	44,935	4,402,530	3	2	5	0
Case 70	7	4,407,330	4,434,887	2	2	4	0
Case 70	7	4,435,534	56,724,412	3	2	5	0
Case 70	7	56,727,631	58,019,061	2	2	4	0
Case 70	7	61,056,053	73,826,693	2	2	4	0
Case 70	7	73,862,412	98,858,784	3	2	5	0
Case 70	7	98,861,915	103,312,891	2	2	4	0
Case 70	7	103,314,344	159,119,486	3	2	5	0
Case 70	8	164,984	43,791,691	2	2	4	0
Case 70	8	46,886,735	79,883,523	2	2	4	0
Case 70	8	79,883,695	90,784,991	3	2	5	0
Case 70	8	90,785,005	91,082,062	2	2	4	0
Case 70	8	91,094,086	146,293,414	3	2	5	0
Case 70	9	46,587	5,784,120	2	2	4	0
Case 70	9	5,786,850	6,523,011	3	2	5	0
Case 70	9	6,532,344	14,834,172	2	2	4	0
Case 70	9	14,835,055	14,941,672	3	2	5	0
Case 70	9	14,947,472	31,872,624	2	2	4	0
Case 70	9	31,873,011	33,739,343	3	2	5	0
Case 70	9	33,751,865	34,996,397	2	2	4	0
Case 70	9	34,996,406	46,944,322	3	2	5	0
Case 70	9	65,629,772	93,951,043	2	2	4	0
Case 70	9	93,952,940	94,120,749	4	2	6	0
Case 70	9	94,141,918	98,455,545	3	2	5	0
Case 70	9	98,466,346	141,066,491	2	2	4	0
Case 70	10	98,087	39,097,912	3	2	5	0
Case 70	10	42,436,301	113,902,418	3	2	5	0
Case 70	10	113,903,510	114,969,063	2	2	4	0
Case 70	10	114,980,405	135,477,883	3	2	5	0
Case 70	11	193,146	50,325,741	3	2	5	0
Case 70	11	50,332,064	51,591,253	2	2	4	0
Case 70	11	54,794,237	55,084,568	2	2	4	0
Case 70	11	55,091,268	111,629,743	3	2	5	0
Case 70	11	111,631,612	134,934,063	2	2	4	0
Case 70	12	191,619	24,318,555	2	2	4	0
Case 70	12	24,323,208	24,392,893	9	1	10	0
Case 70	12	24,393,365	25,417,418	10	1	11	0
Case 70	12	25,418,077	25,449,557	12	1	13	0
Case 70	12	25,454,578	25,913,789	10	1	11	0
Case 70	12	25,917,408	26,217,934	7	1	8	0

Case 70	12	26,217,950	31,786,745	4	2	6	0
Case 70	12	31,795,208	32,178,900	3	2	5	0
Case 70	12	32,187,284	34,853,011	4	2	6	0
Case 70	12	37,876,400	133,810,935	3	2	5	0
Case 70	13	19,058,717	115,103,529	2	2	4	0
Case 70	14	19,280,733	20,404,736	2	2	4	0
Case 70	14	20,416,499	22,625,374	3	2	5	0
Case 70	14	22,631,217	22,964,782	3	3	6	0
Case 70	14	22,966,662	107,287,663	3	2	5	0
Case 70	15	20,034,919	55,339,088	2	2	4	0
Case 70	15	55,342,353	56,387,226	3	2	5	0
Case 70	15	56,387,931	59,199,937	2	2	4	0
Case 70	15	59,205,253	102,461,162	3	2	5	0
Case 70	16	88,165	3,510,737	2	2	4	0
Case 70	16	3,522,303	35,285,582	3	2	5	0
Case 70	16	46,450,037	53,100,690	3	2	5	0
Case 70	16	53,114,256	54,114,529	2	2	4	0
Case 70	16	54,114,824	70,818,759	3	2	5	0
Case 70	16	70,819,670	78,305,461	2	2	4	0
Case 70	16	78,308,940	90,274,695	3	2	5	0
Case 70	17	11,885	22,242,355	2	2	4	0
Case 70	17	25,268,142	25,268,142	2	2	4	0
Case 70	17	25,295,032	81,060,040	3	2	5	0
Case 70	18	87,505	15,375,878	3	2	5	0
Case 70	18	18,520,354	26,455,757	3	2	5	0
Case 70	18	26,481,132	78,015,180	2	2	4	0
Case 70	19	260,912	9,541,833	2	2	4	0
Case 70	19	9,546,329	11,828,410	3	2	5	0
Case 70	19	11,832,283	12,942,750	2	2	4	0
Case 70	19	12,942,798	19,612,826	3	2	5	0
Case 70	19	19,613,284	19,909,052	2	2	4	0
Case 70	19	19,939,387	23,392,478	3	2	5	0
Case 70	19	23,395,317	24,629,285	2	2	4	0
Case 70	19	27,732,159	27,801,814	2	2	4	0
Case 70	19	27,828,664	29,525,811	3	2	5	0
Case 70	19	29,526,586	30,861,683	4	2	6	0
Case 70	19	30,877,813	37,643,212	3	2	5	0
Case 70	19	37,643,239	37,907,792	4	2	6	0
Case 70	19	37,909,470	59,097,160	3	2	5	0
Case 70	20	63,244	14,723,009	3	2	5	0
Case 70	20	14,724,600	15,143,185	2	2	4	0
Case 70	20	15,143,806	26,293,985	3	2	5	0
Case 70	20	29,425,357	62,948,788	3	2	5	0
Case 70	21	10,827,533	10,971,337	3	2	5	0
Case 70	21	14,368,320	36,193,871	3	2	5	0
Case 70	21	36,202,482	36,274,176	2	2	4	0
Case 70	21	36,274,619	36,851,619	4	2	6	0
Case 70	21	36,853,517	41,725,503	3	2	5	0
Case 70	21	41,725,625	44,506,201	2	2	4	0
Case 70	21	44,508,020	44,875,560	3	2	5	0
Case 70	21	44,876,072	48,100,155	2	2	4	0
Case 70	22	16,114,244	51,195,728	2	2	4	0
Case 70	X	2,700,157	58,488,110	2	1	3	0
Case 70	X	61,694,576	154,898,561	2	1	3	0
Case 71	1	82,154	121,346,616	1	1	2	0
Case 71	1	142,649,718	249,218,992	1	1	2	0
Case 71	2	18,674	92,081,640	1	1	2	0
Case 71	2	95,429,424	243,048,760	1	1	2	0
Case 71	3	61,495	90,442,925	1	1	2	0
Case 71	3	93,537,290	197,838,262	1	1	2	0
Case 71	4	71,566	49,620,898	1	1	2	0

Case 71	4	52,697,856	190,963,766	1	1	2	0
Case 71	5	38,139	46,399,093	1	1	2	0
Case 71	5	49,457,282	180,693,127	1	1	2	0
Case 71	6	108,666	58,752,089	1	1	2	0
Case 71	6	61,891,118	170,980,171	1	1	2	0
Case 71	7	44,935	58,019,061	1	1	2	0
Case 71	7	61,056,053	159,119,486	1	1	2	0
Case 71	8	164,984	43,791,691	1	1	2	0
Case 71	8	46,886,735	135,026,160	1	1	2	0
Case 71	8	135,026,266	135,064,801	0	0	0	0
Case 71	8	135,065,947	146,293,414	1	1	2	0
Case 71	9	46,587	46,944,322	1	1	2	0
Case 71	9	65,629,772	141,066,491	1	1	2	0
Case 71	10	98,087	39,097,912	1	1	2	0
Case 71	10	42,436,301	135,477,883	1	1	2	0
Case 71	11	193,146	51,591,253	1	1	2	0
Case 71	11	54,794,237	134,934,063	1	1	2	0
Case 71	12	191,619	34,853,011	1	1	2	0
Case 71	12	37,876,400	133,810,935	1	1	2	0
Case 71	13	19,058,717	115,103,529	1	1	2	0
Case 71	14	19,280,733	107,287,663	1	1	2	0
Case 71	15	20,034,919	102,461,162	1	1	2	0
Case 71	16	88,165	35,285,582	1	1	2	0
Case 71	16	46,450,037	90,274,695	1	1	2	0
Case 71	17	11,885	22,242,355	1	1	2	0
Case 71	17	25,268,142	81,060,040	1	1	2	0
Case 71	18	87,505	15,375,878	1	1	2	0
Case 71	18	18,520,354	78,015,180	1	1	2	0
Case 71	19	260,912	24,629,285	1	1	2	0
Case 71	19	27,732,159	59,097,160	1	1	2	0
Case 71	20	63,244	26,293,985	1	1	2	0
Case 71	20	29,425,357	62,948,788	1	1	2	0
Case 71	21	10,827,533	10,971,337	1	1	2	0
Case 71	21	14,368,320	48,100,155	1	1	2	0
Case 71	22	16,114,244	51,195,728	1	1	2	0
Case 71	X	2,700,157	58,488,110	1	1	2	0
Case 71	X	61,694,576	154,898,561	1	1	2	0
Case 73	1	82,154	17,864,514	3	0	3	1
Case 73	1	17,869,179	84,485,716	4	0	4	1
Case 73	1	84,492,217	85,816,136	6	0	6	1
Case 73	1	85,828,840	121,346,616	4	0	4	1
Case 73	1	142,649,718	151,279,855	6	1	7	0
Case 73	1	151,280,995	155,408,686	5	1	6	0
Case 73	1	155,412,037	155,628,219	5	2	7	0
Case 73	1	155,629,930	156,237,971	4	2	6	0
Case 73	1	156,238,593	171,077,372	5	2	7	0
Case 73	1	171,077,782	174,489,170	6	2	8	0
Case 73	1	174,496,267	176,422,273	6	0	6	1
Case 73	1	176,422,595	178,160,268	7	0	7	1
Case 73	1	178,163,090	193,661,626	6	0	6	1
Case 73	1	193,667,535	217,235,542	5	0	5	1
Case 73	1	217,236,801	217,365,587	2	0	2	1
Case 73	1	217,365,991	240,565,868	5	0	5	1
Case 73	1	240,567,903	241,823,862	6	0	6	1
Case 73	1	241,823,909	245,575,250	5	0	5	1
Case 73	1	245,575,879	249,218,992	4	0	4	1
Case 73	2	18,674	13,070,276	6	2	8	0
Case 73	2	13,070,917	13,911,161	7	2	9	0
Case 73	2	13,913,190	27,003,021	6	2	8	0
Case 73	2	27,008,442	44,021,624	5	2	7	0
Case 73	2	44,021,676	44,212,008	5	0	5	1

Case 73	2	44,218,637	47,272,245	5	2	7	0
Case 73	2	47,273,468	49,857,938	6	4	10	0
Case 73	2	49,858,261	53,989,984	7	4	11	0
Case 73	2	53,991,707	69,523,838	5	2	7	0
Case 73	2	69,527,166	70,789,532	6	2	8	0
Case 73	2	70,796,257	77,234,767	5	2	7	0
Case 73	2	77,235,219	78,048,788	7	5	12	0
Case 73	2	78,061,074	92,081,640	5	2	7	0
Case 73	2	95,429,424	115,922,821	5	2	7	0
Case 73	2	115,932,634	122,777,669	5	1	6	0
Case 73	2	122,797,678	124,144,379	3	2	5	0
Case 73	2	124,144,870	128,046,416	4	1	5	0
Case 73	2	128,047,041	130,208,064	4	0	4	1
Case 73	2	130,216,043	137,795,717	4	1	5	0
Case 73	2	137,799,664	154,984,566	3	1	4	0
Case 73	2	154,994,668	165,383,526	5	1	6	0
Case 73	2	165,394,580	165,581,707	1	0	1	0
Case 73	2	165,584,049	167,885,599	5	1	6	0
Case 73	2	167,904,042	215,748,105	5	0	5	1
Case 73	2	215,752,084	243,048,760	7	0	7	1
Case 73	3	61,495	3,031,308	1	0	1	0
Case 73	3	3,033,626	4,276,680	2	0	2	1
Case 73	3	4,282,950	23,226,298	4	1	5	0
Case 73	3	23,234,618	23,521,204	3	1	4	0
Case 73	3	23,522,785	36,466,050	4	1	5	0
Case 73	3	36,470,307	37,600,470	6	1	7	0
Case 73	3	37,603,526	41,205,419	4	1	5	0
Case 73	3	41,205,708	53,077,372	3	1	4	0
Case 73	3	53,084,326	60,531,242	4	1	5	0
Case 73	3	60,536,420	60,874,077	4	0	4	1
Case 73	3	60,876,648	62,544,685	4	1	5	0
Case 73	3	62,548,081	62,565,383	1	0	1	0
Case 73	3	62,568,321	65,361,897	4	1	5	0
Case 73	3	65,362,393	73,241,653	5	1	6	0
Case 73	3	73,242,344	80,450,254	5	2	7	0
Case 73	3	80,456,863	90,442,925	3	2	5	0
Case 73	3	93,537,290	93,646,209	3	2	5	0
Case 73	3	93,650,604	102,871,451	3	3	6	0
Case 73	3	102,872,264	106,419,208	6	3	9	0
Case 73	3	106,420,030	106,594,233	9	3	12	0
Case 73	3	106,595,370	107,489,708	7	3	10	0
Case 73	3	107,489,754	112,033,979	3	3	6	0
Case 73	3	112,043,158	114,221,822	4	3	7	0
Case 73	3	114,233,596	161,657,384	3	3	6	0
Case 73	3	161,662,483	161,913,102	4	3	7	0
Case 73	3	161,913,373	171,048,165	3	3	6	0
Case 73	3	171,049,177	171,092,504	3	2	5	0
Case 73	3	171,093,738	174,540,381	3	3	6	0
Case 73	3	174,563,022	174,659,289	3	2	5	0
Case 73	3	174,667,446	191,708,375	3	3	6	0
Case 73	3	191,711,064	197,403,806	3	2	5	0
Case 73	3	197,403,844	197,838,262	4	2	6	0
Case 73	4	71,566	3,496,150	5	0	5	1
Case 73	4	3,496,940	49,620,898	6	0	6	1
Case 73	4	52,697,856	85,858,329	6	0	6	1
Case 73	4	85,859,997	91,515,710	3	0	3	1
Case 73	4	91,516,040	93,710,269	2	0	2	1
Case 73	4	93,723,466	130,839,795	4	0	4	1
Case 73	4	130,849,076	138,395,782	3	0	3	1
Case 73	4	138,397,770	169,020,566	4	0	4	1
Case 73	4	169,032,268	190,963,766	3	0	3	1



Case 73	5	38,139	9,359,420	3	0	3	1
Case 73	5	9,362,804	34,190,149	5	0	5	1
Case 73	5	34,266,171	36,049,454	5	3	8	0
Case 73	5	36,050,048	37,361,728	5	5	10	0
Case 73	5	37,364,475	42,388,894	4	4	8	0
Case 73	5	42,390,038	46,399,093	5	3	8	0
Case 73	5	49,457,282	49,522,346	5	3	8	0
Case 73	5	49,564,798	55,706,081	4	0	4	1
Case 73	5	55,711,291	58,334,645	3	0	3	1
Case 73	5	58,334,922	58,704,650	2	0	2	1
Case 73	5	58,707,111	60,754,419	3	0	3	1
Case 73	5	60,759,515	70,967,633	4	0	4	1
Case 73	5	70,974,096	71,471,713	5	0	5	1
Case 73	5	71,472,020	75,048,465	4	0	4	1
Case 73	5	75,097,385	81,849,746	3	0	3	1
Case 73	5	81,849,888	163,988,372	4	0	4	1
Case 73	5	163,992,315	174,892,501	5	0	5	1
Case 73	5	174,893,280	178,270,810	4	0	4	1
Case 73	5	178,274,144	180,693,127	5	0	5	1
Case 73	6	108,666	2,223,002	5	2	7	0
Case 73	6	2,230,252	2,765,899	4	4	8	0
Case 73	6	2,766,560	10,990,028	5	2	7	0
Case 73	6	10,990,493	11,912,213	6	2	8	0
Case 73	6	11,913,828	20,486,506	5	2	7	0
Case 73	6	20,486,920	20,630,397	3	2	5	0
Case 73	6	20,631,011	23,440,413	5	2	7	0
Case 73	6	23,441,842	32,664,960	3	2	5	0
Case 73	6	32,665,420	32,685,685	2	2	4	0
Case 73	6	32,685,865	38,400,139	3	2	5	0
Case 73	6	38,415,481	57,246,925	5	2	7	0
Case 73	6	57,255,152	58,150,777	4	2	6	0
Case 73	6	58,168,152	58,752,089	5	2	7	0
Case 73	6	61,891,118	62,865,650	3	2	5	0
Case 73	6	62,865,692	67,322,556	4	2	6	0
Case 73	6	67,325,681	68,731,635	2	0	2	1
Case 73	6	68,738,618	82,149,482	3	0	3	1
Case 73	6	82,159,696	88,669,274	5	0	5	1
Case 73	6	88,671,201	90,005,925	3	0	3	1
Case 73	6	90,006,421	93,920,448	5	0	5	1
Case 73	6	93,921,556	109,867,197	3	0	3	1
Case 73	6	109,868,340	120,489,270	4	0	4	1
Case 73	6	120,491,715	122,708,203	2	0	2	1
Case 73	6	122,709,054	133,195,740	4	0	4	1
Case 73	6	133,207,105	134,948,543	4	2	6	0
Case 73	6	134,969,201	138,156,425	5	2	7	0
Case 73	6	138,157,037	139,518,546	4	2	6	0
Case 73	6	139,540,103	140,584,384	4	3	7	0
Case 73	6	140,614,699	141,596,752	5	2	7	0
Case 73	6	141,602,679	142,921,498	6	2	8	0
Case 73	6	142,922,061	145,168,058	5	2	7	0
Case 73	6	145,168,455	152,697,940	6	2	8	0
Case 73	6	152,697,966	161,984,377	5	2	7	0
Case 73	6	161,987,050	163,284,038	4	2	6	0
Case 73	6	163,286,352	169,622,491	5	2	7	0
Case 73	6	169,625,874	170,980,171	3	2	5	0
Case 73	7	44,935	83,185	4	2	6	0
Case 73	7	93,811	2,486,004	4	0	4	1
Case 73	7	2,486,810	3,131,792	7	0	7	1
Case 73	7	3,137,057	3,288,471	10	0	10	1
Case 73	7	3,295,229	7,425,664	7	0	7	1
Case 73	7	7,426,828	13,238,496	8	0	8	1

Case 73	7	13,248,712	13,303,290	5	0	5	1
Case 73	7	13,305,542	19,363,844	8	0	8	1
Case 73	7	19,368,402	27,456,500	6	0	6	1
Case 73	7	27,461,889	43,243,719	7	0	7	1
Case 73	7	43,248,626	46,386,613	6	0	6	1
Case 73	7	46,387,679	58,019,061	7	0	7	1
Case 73	7	61,056,053	61,994,170	7	0	7	1
Case 73	7	62,035,570	66,908,992	6	0	6	1
Case 73	7	66,924,597	68,508,054	7	0	7	1
Case 73	7	68,508,645	71,439,807	5	0	5	1
Case 73	7	71,443,057	78,407,722	5	1	6	0
Case 73	7	78,416,056	86,019,034	6	0	6	1
Case 73	7	86,036,570	95,473,956	5	3	8	0
Case 73	7	95,484,290	96,240,932	6	0	6	1
Case 73	7	96,254,519	102,782,393	4	0	4	1
Case 73	7	102,789,495	121,680,999	5	0	5	1
Case 73	7	121,681,023	122,400,546	6	0	6	1
Case 73	7	122,401,546	147,533,267	5	0	5	1
Case 73	7	147,534,006	159,119,486	4	0	4	1
Case 73	8	164,984	507,994	0	0	0	0
Case 73	8	516,479	2,290,039	1	0	1	0
Case 73	8	2,292,024	3,520,871	0	0	0	0
Case 73	8	3,520,923	43,791,691	5	0	5	1
Case 73	8	46,886,735	46,942,842	5	0	5	1
Case 73	8	46,944,913	49,987,801	5	3	8	0
Case 73	8	49,988,587	51,983,412	5	4	9	0
Case 73	8	51,988,578	62,279,368	4	4	8	0
Case 73	8	62,289,749	62,930,548	5	4	9	0
Case 73	8	62,940,286	70,180,251	4	4	8	0
Case 73	8	70,186,364	72,852,760	5	4	9	0
Case 73	8	72,855,904	75,145,770	6	3	9	0
Case 73	8	75,154,867	83,687,961	5	4	9	0
Case 73	8	83,690,134	85,383,821	7	4	11	0
Case 73	8	85,396,742	90,074,006	5	4	9	0
Case 73	8	90,074,757	90,520,649	5	2	7	0
Case 73	8	90,528,845	91,301,466	5	4	9	0
Case 73	8	91,301,523	96,864,355	4	4	8	0
Case 73	8	96,870,639	105,065,091	8	3	11	0
Case 73	8	105,078,342	105,211,090	12	4	16	0
Case 73	8	105,216,321	105,957,540	8	3	11	0
Case 73	8	105,958,020	107,411,992	9	3	12	0
Case 73	8	107,413,542	117,394,185	7	3	10	0
Case 73	8	117,410,485	123,965,260	6	4	10	0
Case 73	8	123,965,276	126,781,758	7	2	9	0
Case 73	8	126,789,340	130,248,593	6	4	10	0
Case 73	8	130,249,805	131,778,235	7	2	9	0
Case 73	8	131,778,538	133,313,335	6	4	10	0
Case 73	8	133,317,111	146,293,414	6	3	9	0
Case 73	9	46,587	9,440,925	3	0	3	1
Case 73	9	9,441,003	9,526,811	0	0	0	0
Case 73	9	9,530,755	12,738,690	2	0	2	1
Case 73	9	12,748,633	23,665,940	3	0	3	1
Case 73	9	23,668,205	23,892,846	6	2	8	0
Case 73	9	23,897,432	25,336,447	3	3	6	0
Case 73	9	25,352,201	27,561,628	2	2	4	0
Case 73	9	27,561,800	28,007,239	3	2	5	0
Case 73	9	28,011,383	30,753,828	2	2	4	0
Case 73	9	30,753,998	31,101,278	5	2	7	0
Case 73	9	31,102,874	33,641,436	2	2	4	0
Case 73	9	33,643,569	35,952,224	3	2	5	0
Case 73	9	35,953,318	46,944,322	2	2	4	0

Case 73	9	65,629,772	74,940,364	4	1	5	0
Case 73	9	74,944,437	88,661,486	3	1	4	0
Case 73	9	88,669,475	89,230,779	4	1	5	0
Case 73	9	89,236,894	101,026,356	3	1	4	0
Case 73	9	101,034,477	102,407,049	3	2	5	0
Case 73	9	102,426,699	102,866,870	4	2	6	0
Case 73	9	102,868,769	116,416,163	3	2	5	0
Case 73	9	116,418,881	124,135,334	4	0	4	1
Case 73	9	124,160,616	129,617,253	5	0	5	1
Case 73	9	129,619,875	141,066,491	4	0	4	1
Case 73	10	98,087	2,372,763	7	0	7	1
Case 73	10	2,373,295	6,345,351	5	0	5	1
Case 73	10	6,350,590	6,391,061	8	0	8	1
Case 73	10	6,392,683	29,378,926	5	0	5	1
Case 73	10	29,379,116	29,466,058	7	0	7	1
Case 73	10	29,466,492	39,097,912	5	0	5	1
Case 73	10	42,436,301	44,104,513	6	0	6	1
Case 73	10	44,105,044	47,662,471	5	0	5	1
Case 73	10	47,662,831	52,617,538	4	0	4	1
Case 73	10	52,623,433	61,050,653	1	0	1	0
Case 73	10	61,057,736	84,416,129	5	0	5	1
Case 73	10	84,423,164	92,362,797	1	0	1	0
Case 73	10	92,371,952	109,285,928	6	0	6	1
Case 73	10	109,289,596	110,641,035	9	0	9	1
Case 73	10	110,642,737	116,566,550	8	0	8	1
Case 73	10	116,571,796	117,713,221	9	0	9	1
Case 73	10	117,720,208	127,542,753	8	0	8	1
Case 73	10	127,548,215	130,123,291	4	0	4	1
Case 73	10	130,128,297	135,477,883	2	0	2	1
Case 73	11	193,146	2,047,640	5	0	5	1
Case 73	11	2,048,488	2,261,338	7	0	7	1
Case 73	11	2,281,501	5,221,698	5	0	5	1
Case 73	11	5,221,699	16,221,683	5	2	7	0
Case 73	11	16,225,741	16,266,740	6	3	9	0
Case 73	11	16,274,295	20,809,264	5	2	7	0
Case 73	11	20,822,918	20,910,614	2	0	2	1
Case 73	11	20,915,524	33,559,186	4	2	6	0
Case 73	11	33,563,598	33,705,172	5	0	5	1
Case 73	11	33,706,353	47,436,707	4	2	6	0
Case 73	11	47,441,513	51,160,828	4	3	7	0
Case 73	11	51,205,162	51,591,253	5	0	5	1
Case 73	11	54,794,237	56,342,048	5	0	5	1
Case 73	11	56,343,114	67,011,765	4	3	7	0
Case 73	11	67,017,968	76,345,406	4	2	6	0
Case 73	11	76,347,032	134,934,063	3	2	5	0
Case 73	12	191,619	9,144,906	5	3	8	0
Case 73	12	9,147,759	16,486,288	4	3	7	0
Case 73	12	16,492,515	17,672,830	4	4	8	0
Case 73	12	17,674,687	19,649,096	4	3	7	0
Case 73	12	19,657,013	19,955,152	4	2	6	0
Case 73	12	19,955,649	20,122,534	4	3	7	0
Case 73	12	20,124,137	20,165,273	3	1	4	0
Case 73	12	20,179,218	26,475,967	4	3	7	0
Case 73	12	26,485,544	26,523,923	5	3	8	0
Case 73	12	26,526,005	31,997,981	4	3	7	0
Case 73	12	32,001,515	34,145,569	5	3	8	0
Case 73	12	34,149,433	34,853,011	4	3	7	0
Case 73	12	37,876,400	38,327,649	4	3	7	0
Case 73	12	38,347,638	43,579,008	4	2	6	0
Case 73	12	43,581,323	44,113,010	5	2	7	0
Case 73	12	44,123,795	57,116,661	4	2	6	0

Case 73	12	57,116,834	58,403,744	5	2	7	0
Case 73	12	58,417,789	59,121,881	6	4	10	0
Case 73	12	59,124,921	61,596,597	4	4	8	0
Case 73	12	61,604,963	61,791,636	4	2	6	0
Case 73	12	61,796,935	66,182,455	4	4	8	0
Case 73	12	66,186,486	109,539,785	5	0	5	1
Case 73	12	109,540,689	114,083,833	6	0	6	1
Case 73	12	114,085,798	117,865,061	7	0	7	1
Case 73	12	117,870,842	123,915,089	6	0	6	1
Case 73	12	123,919,969	133,810,935	5	0	5	1
Case 73	13	19,058,717	20,358,616	3	2	5	0
Case 73	13	20,382,882	21,473,952	4	1	5	0
Case 73	13	21,483,113	22,271,565	3	2	5	0
Case 73	13	22,274,442	23,234,909	6	2	8	0
Case 73	13	23,244,935	46,866,122	6	1	7	0
Case 73	13	46,881,671	49,495,712	5	1	6	0
Case 73	13	49,497,994	69,282,388	5	0	5	1
Case 73	13	69,285,592	71,437,599	6	0	6	1
Case 73	13	71,439,474	71,731,904	7	0	7	1
Case 73	13	71,741,392	78,037,785	4	0	4	1
Case 73	13	78,042,890	94,889,631	6	0	6	1
Case 73	13	94,895,346	100,352,798	5	0	5	1
Case 73	13	100,358,796	111,153,479	6	0	6	1
Case 73	13	111,154,061	115,103,529	5	0	5	1
Case 73	14	19,280,733	20,539,305	5	0	5	1
Case 73	14	20,549,093	21,620,695	7	0	7	1
Case 73	14	21,623,118	22,427,444	6	0	6	1
Case 73	14	22,428,984	23,128,339	7	0	7	1
Case 73	14	23,129,207	31,526,395	5	0	5	1
Case 73	14	31,531,855	41,577,085	4	0	4	1
Case 73	14	41,579,517	42,397,496	7	0	7	1
Case 73	14	42,407,596	44,844,572	4	0	4	1
Case 73	14	44,861,644	66,460,887	6	0	6	1
Case 73	14	66,461,978	81,321,794	5	0	5	1
Case 73	14	81,329,130	81,778,644	7	0	7	1
Case 73	14	81,786,278	97,859,392	5	0	5	1
Case 73	14	97,864,860	107,182,839	4	0	4	1
Case 73	14	107,185,809	107,287,663	6	0	6	1
Case 73	15	20,034,919	31,321,875	2	0	2	1
Case 73	15	31,322,565	43,365,760	4	0	4	1
Case 73	15	43,382,887	43,991,180	5	0	5	1
Case 73	15	44,016,417	49,397,812	4	4	8	0
Case 73	15	49,414,418	49,601,425	3	2	5	0
Case 73	15	49,611,845	53,206,136	4	4	8	0
Case 73	15	53,209,322	53,493,565	6	4	10	0
Case 73	15	53,494,101	55,787,253	5	4	9	0
Case 73	15	55,789,910	62,733,241	4	2	6	0
Case 73	15	62,735,529	65,209,705	4	1	5	0
Case 73	15	65,209,880	67,021,608	4	2	6	0
Case 73	15	67,021,996	72,252,498	6	2	8	0
Case 73	15	72,266,174	72,500,965	6	1	7	0
Case 73	15	72,502,138	75,271,128	5	2	7	0
Case 73	15	75,305,040	92,672,853	5	3	8	0
Case 73	15	92,677,444	93,808,595	5	4	9	0
Case 73	15	93,810,409	98,912,579	6	3	9	0
Case 73	15	98,913,205	102,461,162	5	3	8	0
Case 73	16	88,165	5,275,559	2	2	4	0
Case 73	16	5,276,231	35,285,582	3	2	5	0
Case 73	16	46,450,037	49,219,484	3	1	4	0
Case 73	16	49,230,672	56,198,338	3	0	3	1
Case 73	16	56,223,892	56,699,967	3	1	4	0

Case 73	16	56,701,283	58,230,665	3	2	5	0
Case 73	16	58,245,244	60,631,838	3	1	4	0
Case 73	16	60,646,103	61,312,371	3	2	5	0
Case 73	16	61,317,091	61,668,912	3	1	4	0
Case 73	16	61,674,103	61,823,318	1	0	1	0
Case 73	16	61,842,332	62,145,127	2	1	3	0
Case 73	16	62,148,013	63,498,153	3	2	5	0
Case 73	16	63,518,506	64,620,001	2	1	3	0
Case 73	16	64,636,137	68,591,230	3	2	5	0
Case 73	16	68,591,615	68,840,588	2	1	3	0
Case 73	16	68,842,734	71,877,966	3	2	5	0
Case 73	16	71,884,209	72,990,553	3	0	3	1
Case 73	16	72,991,286	73,235,680	4	0	4	1
Case 73	16	73,248,477	78,087,730	3	0	3	1
Case 73	16	78,092,178	80,237,726	1	0	1	0
Case 73	16	80,240,329	80,924,900	2	0	2	1
Case 73	16	80,925,781	82,834,027	3	0	3	1
Case 73	16	82,835,886	84,929,341	2	0	2	1
Case 73	16	84,934,018	87,908,401	3	0	3	1
Case 73	16	87,911,909	89,715,813	4	0	4	1
Case 73	16	89,715,851	90,274,695	1	0	1	0
Case 73	17	11,885	9,804,724	5	0	5	1
Case 73	17	9,806,807	10,200,348	6	0	6	1
Case 73	17	10,200,522	21,318,826	5	0	5	1
Case 73	17	21,318,995	22,242,355	4	1	5	0
Case 73	17	25,268,142	25,268,142	4	1	5	0
Case 73	17	25,295,032	28,877,845	4	2	6	0
Case 73	17	28,878,817	36,991,576	3	0	3	1
Case 73	17	36,996,181	40,577,580	5	0	5	1
Case 73	17	40,582,296	44,868,187	6	0	6	1
Case 73	17	44,869,063	54,778,620	7	0	7	1
Case 73	17	54,778,817	60,882,097	6	0	6	1
Case 73	17	60,882,789	65,105,649	4	0	4	1
Case 73	17	65,108,042	67,721,149	4	3	7	0
Case 73	17	67,754,386	69,074,425	4	0	4	1
Case 73	17	69,074,779	70,047,725	5	0	5	1
Case 73	17	70,051,535	70,522,932	6	0	6	1
Case 73	17	70,533,218	81,060,040	5	0	5	1
Case 73	18	87,505	15,375,878	5	0	5	1
Case 73	18	18,520,354	41,552,391	5	0	5	1
Case 73	18	41,557,562	42,606,091	5	1	6	0
Case 73	18	42,606,738	43,183,018	5	0	5	1
Case 73	18	43,183,449	44,062,611	5	1	6	0
Case 73	18	44,063,598	45,555,783	5	0	5	1
Case 73	18	45,557,951	49,968,398	6	0	6	1
Case 73	18	49,969,561	50,815,036	6	1	7	0
Case 73	18	50,822,084	74,838,659	6	0	6	1
Case 73	18	74,842,207	76,693,565	6	1	7	0
Case 73	18	76,700,509	78,015,180	5	1	6	0
Case 73	19	260,912	582,505	4	0	4	1
Case 73	19	582,775	1,914,795	3	0	3	1
Case 73	19	1,916,392	18,624,964	4	0	4	1
Case 73	19	18,637,610	24,452,317	3	3	6	0
Case 73	19	24,457,120	24,629,285	4	2	6	0
Case 73	19	27,732,159	28,178,423	4	2	6	0
Case 73	19	28,185,193	28,466,280	4	3	7	0
Case 73	19	28,468,556	31,889,413	3	3	6	0
Case 73	19	31,893,698	38,028,484	4	2	6	0
Case 73	19	38,030,003	38,709,609	3	2	5	0
Case 73	19	38,713,568	42,477,310	2	2	4	0
Case 73	19	42,488,938	54,888,703	3	2	5	0

Case 73	19	54,891,185	54,974,460	5	2	7	0
Case 73	19	54,981,997	59,097,160	3	2	5	0
Case 73	20	63,244	3,231,134	5	2	7	0
Case 73	20	3,232,099	7,683,869	4	2	6	0
Case 73	20	7,684,688	8,615,480	6	4	10	0
Case 73	20	8,616,588	9,662,006	8	3	11	0
Case 73	20	9,663,068	15,447,711	7	3	10	0
Case 73	20	15,450,279	16,054,623	7	2	9	0
Case 73	20	16,055,272	17,007,410	6	3	9	0
Case 73	20	17,008,922	18,680,688	4	4	8	0
Case 73	20	18,716,729	22,485,322	5	3	8	0
Case 73	20	22,487,988	22,729,973	6	3	9	0
Case 73	20	22,732,148	25,871,801	5	3	8	0
Case 73	20	25,922,993	26,293,985	6	2	8	0
Case 73	20	29,425,357	34,064,340	6	2	8	0
Case 73	20	34,064,383	34,848,116	13	1	14	0
Case 73	20	34,849,290	52,063,311	6	2	8	0
Case 73	20	52,067,793	52,304,108	13	1	14	0
Case 73	20	52,309,657	53,283,735	9	2	11	0
Case 73	20	53,285,374	54,467,126	8	2	10	0
Case 73	20	54,468,058	58,399,419	7	2	9	0
Case 73	20	58,405,220	59,449,366	10	2	12	0
Case 73	20	59,449,464	62,948,788	8	1	9	0
Case 73	21	10,827,533	10,971,337	2	0	2	1
Case 73	21	14,368,320	23,264,430	2	0	2	1
Case 73	21	23,266,183	25,288,139	2	2	4	0
Case 73	21	25,293,908	31,730,357	3	0	3	1
Case 73	21	31,733,121	35,819,063	3	1	4	0
Case 73	21	35,820,324	36,865,734	3	2	5	0
Case 73	21	36,873,163	38,999,590	3	1	4	0
Case 73	21	39,001,613	48,100,155	3	2	5	0
Case 73	22	16,114,244	17,432,482	2	1	3	0
Case 73	22	17,433,888	17,747,195	3	2	5	0
Case 73	22	17,758,677	18,640,503	5	2	7	0
Case 73	22	18,640,527	26,019,540	5	0	5	1
Case 73	22	26,022,728	26,902,388	7	0	7	1
Case 73	22	26,902,835	33,402,604	6	0	6	1
Case 73	22	33,402,843	33,637,087	9	0	9	1
Case 73	22	33,646,994	36,480,881	6	0	6	1
Case 73	22	36,490,485	48,552,163	5	0	5	1
Case 73	22	48,560,111	48,909,082	6	0	6	1
Case 73	22	48,911,602	50,117,191	5	0	5	1
Case 73	22	50,118,723	51,195,728	4	0	4	1
Case 73	X	2,700,157	58,488,110	2	0	2	1
Case 73	X	61,694,576	91,270,056	2	0	2	1
Case 73	X	91,301,486	93,531,443	0	0	0	0
Case 73	X	93,550,271	154,898,561	2	1	3	0
Case 74	1	82,154	20,387,608	3	0	3	1
Case 74	1	20,390,322	34,282,691	2	0	2	1
Case 74	1	34,283,024	54,700,707	3	0	3	1
Case 74	1	54,702,869	55,048,190	4	0	4	1
Case 74	1	55,049,806	57,645,301	3	0	3	1
Case 74	1	57,646,661	57,744,259	4	0	4	1
Case 74	1	57,749,426	73,173,906	3	0	3	1
Case 74	1	73,184,090	75,159,349	4	0	4	1
Case 74	1	75,160,724	91,919,533	2	0	2	1
Case 74	1	91,919,610	92,416,821	3	0	3	1
Case 74	1	92,425,621	94,510,248	2	0	2	1
Case 74	1	94,510,253	94,637,058	3	0	3	1
Case 74	1	94,638,711	121,346,616	2	0	2	1
Case 74	1	142,649,718	146,803,630	4	0	4	1

Case 74	1	146,813,358	146,946,857	5	0	5	1
Case 74	1	146,949,222	161,831,507	4	0	4	1
Case 74	1	161,856,424	161,941,219	5	0	5	1
Case 74	1	161,943,634	180,063,445	4	0	4	1
Case 74	1	180,064,742	192,883,411	3	0	3	1
Case 74	1	192,886,814	193,503,684	2	0	2	1
Case 74	1	193,510,827	249,218,992	3	0	3	1
Case 74	2	18,674	6,500,529	2	1	3	0
Case 74	2	6,502,497	6,533,549	3	1	4	0
Case 74	2	6,536,892	33,623,566	2	1	3	0
Case 74	2	33,623,720	34,578,706	3	1	4	0
Case 74	2	34,580,853	43,312,809	2	1	3	0
Case 74	2	43,314,116	43,466,619	3	1	4	0
Case 74	2	43,483,044	75,940,599	2	1	3	0
Case 74	2	75,940,864	76,386,381	2	2	4	0
Case 74	2	76,387,187	77,078,101	2	1	3	0
Case 74	2	77,082,852	77,772,143	2	0	2	1
Case 74	2	77,774,970	88,383,996	2	1	3	0
Case 74	2	88,384,084	92,081,640	3	1	4	0
Case 74	2	95,429,424	95,429,424	3	1	4	0
Case 74	2	95,439,005	187,103,445	3	0	3	1
Case 74	2	187,150,058	187,344,191	4	0	4	1
Case 74	2	187,349,063	213,347,104	3	0	3	1
Case 74	2	213,351,973	216,429,439	2	0	2	1
Case 74	2	216,436,519	219,211,369	3	0	3	1
Case 74	2	219,221,846	234,726,058	2	0	2	1
Case 74	2	234,726,080	234,738,523	1	0	1	0
Case 74	2	234,739,340	243,048,760	2	0	2	1
Case 74	3	61,495	3,248,073	1	0	1	0
Case 74	3	3,248,990	3,478,365	2	0	2	1
Case 74	3	3,494,748	3,569,967	0	0	0	0
Case 74	3	3,572,242	8,316,110	1	0	1	0
Case 74	3	8,319,151	9,871,038	2	0	2	1
Case 74	3	9,874,914	11,920,880	1	0	1	0
Case 74	3	11,931,002	19,040,447	2	0	2	1
Case 74	3	19,041,089	32,702,348	3	0	3	1
Case 74	3	32,704,457	33,530,636	4	0	4	1
Case 74	3	33,531,800	44,134,579	3	0	3	1
Case 74	3	44,135,356	60,333,449	2	0	2	1
Case 74	3	60,337,651	60,479,380	1	0	1	0
Case 74	3	60,481,459	61,101,760	2	0	2	1
Case 74	3	61,103,609	61,729,301	3	0	3	1
Case 74	3	61,734,539	77,196,171	2	0	2	1
Case 74	3	77,197,856	77,385,970	1	0	1	0
Case 74	3	77,386,855	84,063,290	2	0	2	1
Case 74	3	84,072,534	84,747,008	3	0	3	1
Case 74	3	84,767,271	86,511,758	2	0	2	1
Case 74	3	86,526,422	88,328,826	2	2	4	0
Case 74	3	88,334,311	90,442,925	2	1	3	0
Case 74	3	93,537,290	95,392,545	2	1	3	0
Case 74	3	95,427,920	98,416,900	3	1	4	0
Case 74	3	98,432,559	109,265,353	2	1	3	0
Case 74	3	109,270,100	109,793,785	3	1	4	0
Case 74	3	109,799,304	110,271,671	4	1	5	0
Case 74	3	110,271,975	111,189,285	3	1	4	0
Case 74	3	111,193,516	111,427,455	2	1	3	0
Case 74	3	111,432,752	111,481,775	3	1	4	0
Case 74	3	111,482,048	112,033,979	2	1	3	0
Case 74	3	112,043,158	112,486,737	3	1	4	0
Case 74	3	112,496,539	113,737,567	2	1	3	0
Case 74	3	113,737,568	121,705,842	2	2	4	0

Case 74	3	121,706,021	122,617,445	3	2	5	0
Case 74	3	122,617,881	123,477,167	2	2	4	0
Case 74	3	123,480,074	126,862,321	3	2	5	0
Case 74	3	126,863,808	127,298,941	2	2	4	0
Case 74	3	127,304,957	127,911,077	3	1	4	0
Case 74	3	127,929,120	141,606,244	2	1	3	0
Case 74	3	141,610,807	141,933,649	1	1	2	0
Case 74	3	141,937,953	145,300,490	2	1	3	0
Case 74	3	145,312,260	145,572,381	3	1	4	0
Case 74	3	145,581,255	155,991,348	2	1	3	0
Case 74	3	156,004,954	156,098,920	3	1	4	0
Case 74	3	156,105,173	157,289,766	2	1	3	0
Case 74	3	157,290,908	157,537,988	2	2	4	0
Case 74	3	157,538,373	160,499,192	2	1	3	0
Case 74	3	160,519,718	168,496,750	2	2	4	0
Case 74	3	168,520,843	168,698,220	3	2	5	0
Case 74	3	168,715,048	169,171,699	2	2	4	0
Case 74	3	169,171,735	170,275,098	3	2	5	0
Case 74	3	170,275,580	176,822,676	2	2	4	0
Case 74	3	176,824,755	177,014,231	3	2	5	0
Case 74	3	177,038,879	177,282,809	2	2	4	0
Case 74	3	177,286,946	177,338,280	2	1	3	0
Case 74	3	177,346,796	188,305,629	2	2	4	0
Case 74	3	188,315,629	188,732,960	3	2	5	0
Case 74	3	188,741,418	189,379,493	2	2	4	0
Case 74	3	189,383,183	190,752,382	3	2	5	0
Case 74	3	190,758,181	191,267,342	2	2	4	0
Case 74	3	191,268,184	193,018,778	3	2	5	0
Case 74	3	193,019,038	197,838,262	2	2	4	0
Case 74	4	71,566	12,258,122	2	0	2	1
Case 74	4	12,262,020	12,454,605	1	0	1	0
Case 74	4	12,470,500	12,972,256	2	0	2	1
Case 74	4	12,993,951	13,080,633	1	0	1	0
Case 74	4	13,081,396	15,758,931	2	0	2	1
Case 74	4	15,767,752	16,035,101	5	0	5	1
Case 74	4	16,035,996	18,752,731	2	0	2	1
Case 74	4	18,752,760	18,960,220	3	0	3	1
Case 74	4	18,961,510	33,217,636	2	0	2	1
Case 74	4	33,225,232	34,841,364	3	0	3	1
Case 74	4	34,846,207	49,620,898	2	0	2	1
Case 74	4	52,697,856	53,893,156	2	0	2	1
Case 74	4	53,907,444	54,801,549	4	2	6	0
Case 74	4	54,801,934	67,906,156	3	2	5	0
Case 74	4	67,910,084	73,295,961	2	2	4	0
Case 74	4	73,328,204	74,521,045	4	2	6	0
Case 74	4	74,525,356	74,628,455	4	3	7	0
Case 74	4	74,657,255	77,626,887	4	2	6	0
Case 74	4	77,634,028	78,216,136	3	2	5	0
Case 74	4	78,227,999	78,983,383	2	0	2	1
Case 74	4	78,984,082	79,528,957	3	0	3	1
Case 74	4	79,529,206	90,126,898	2	0	2	1
Case 74	4	90,126,909	91,000,334	1	0	1	0
Case 74	4	91,025,850	92,662,425	2	1	3	0
Case 74	4	92,666,216	93,152,870	0	0	0	0
Case 74	4	93,161,851	93,458,820	1	0	1	0
Case 74	4	93,467,486	136,993,300	2	1	3	0
Case 74	4	137,003,101	137,105,336	1	0	1	0
Case 74	4	137,115,636	154,066,319	4	1	5	0
Case 74	4	154,075,881	161,785,031	1	0	1	0
Case 74	4	161,785,599	177,391,167	4	1	5	0
Case 74	4	177,394,679	177,610,884	3	1	4	0



Case 74	4	177,611,211	180,257,370	4	1	5	0
Case 74	4	180,263,649	186,357,523	2	1	3	0
Case 74	4	186,365,998	188,250,769	4	1	5	0
Case 74	4	188,258,978	188,597,930	3	1	4	0
Case 74	4	188,608,123	190,963,766	4	1	5	0
Case 74	5	38,139	18,268,789	2	1	3	0
Case 74	5	18,272,737	22,119,976	1	1	2	0
Case 74	5	22,156,155	22,458,871	1	0	1	0
Case 74	5	22,472,039	32,029,638	1	1	2	0
Case 74	5	32,031,477	34,871,161	2	1	3	0
Case 74	5	34,878,150	46,399,093	1	1	2	0
Case 74	5	49,457,282	49,810,613	1	1	2	0
Case 74	5	49,827,072	49,988,020	2	1	3	0
Case 74	5	49,991,561	60,065,519	1	1	2	0
Case 74	5	60,074,000	60,329,624	0	0	0	0
Case 74	5	60,336,004	61,456,769	2	1	3	0
Case 74	5	61,461,609	73,712,303	1	1	2	0
Case 74	5	73,713,209	74,021,509	2	1	3	0
Case 74	5	74,021,793	82,422,643	1	1	2	0
Case 74	5	82,436,811	82,632,729	1	0	1	0
Case 74	5	82,633,951	86,507,043	1	1	2	0
Case 74	5	86,518,243	89,517,833	2	1	3	0
Case 74	5	89,518,433	90,464,235	3	1	4	0
Case 74	5	90,466,296	103,912,623	2	1	3	0
Case 74	5	103,914,523	104,235,042	1	1	2	0
Case 74	5	104,239,861	118,624,190	2	1	3	0
Case 74	5	118,624,941	118,835,058	3	1	4	0
Case 74	5	118,835,097	145,131,986	2	1	3	0
Case 74	5	145,132,758	175,575,898	2	2	4	0
Case 74	5	175,579,201	180,693,127	2	1	3	0
Case 74	6	108,666	887,977	2	1	3	0
Case 74	6	888,109	1,264,403	3	1	4	0
Case 74	6	1,270,046	41,469,071	2	1	3	0
Case 74	6	41,474,727	45,011,305	2	2	4	0
Case 74	6	45,038,760	58,752,089	2	1	3	0
Case 74	6	61,891,118	96,621,271	2	1	3	0
Case 74	6	96,622,433	96,850,379	3	1	4	0
Case 74	6	96,853,579	125,550,328	2	1	3	0
Case 74	6	125,551,895	125,587,961	3	2	5	0
Case 74	6	125,596,957	126,210,390	2	1	3	0
Case 74	6	126,210,395	126,307,962	2	2	4	0
Case 74	6	126,317,137	170,980,171	2	1	3	0
Case 74	7	44,935	4,659,324	2	2	4	0
Case 74	7	4,665,570	4,780,514	2	1	3	0
Case 74	7	4,780,604	41,617,294	2	2	4	0
Case 74	7	41,633,917	42,229,946	2	1	3	0
Case 74	7	42,232,422	44,466,729	3	2	5	0
Case 74	7	44,500,402	44,845,032	3	1	4	0
Case 74	7	44,850,696	55,975,311	3	2	5	0
Case 74	7	55,980,381	57,571,771	2	2	4	0
Case 74	7	57,621,951	58,019,061	3	2	5	0
Case 74	7	61,056,053	62,577,770	3	2	5	0
Case 74	7	62,627,173	63,847,894	3	0	3	1
Case 74	7	63,852,980	67,567,429	2	0	2	1
Case 74	7	67,577,782	69,945,340	3	0	3	1
Case 74	7	69,946,964	70,274,757	4	0	4	1
Case 74	7	70,286,089	94,840,916	3	0	3	1
Case 74	7	94,850,268	94,950,862	4	0	4	1
Case 74	7	94,951,569	108,552,644	3	0	3	1
Case 74	7	108,586,855	108,641,894	6	0	6	1
Case 74	7	108,644,659	121,699,896	3	0	3	1

Case 74	7	121,712,619	121,790,934	1	0	1	0
Case 74	7	121,797,265	133,859,327	3	0	3	1
Case 74	7	133,863,343	136,793,350	4	0	4	1
Case 74	7	136,794,060	136,804,753	5	0	5	1
Case 74	7	136,811,372	146,204,005	4	0	4	1
Case 74	7	146,204,352	146,677,310	2	0	2	1
Case 74	7	146,682,211	146,731,727	0	0	0	0
Case 74	7	146,740,577	147,320,252	2	0	2	1
Case 74	7	147,333,930	147,955,394	4	0	4	1
Case 74	7	147,956,916	148,069,482	3	0	3	1
Case 74	7	148,080,647	159,119,486	4	0	4	1
Case 74	8	164,984	42,275,455	2	0	2	1
Case 74	8	42,275,517	43,791,691	4	1	5	0
Case 74	8	46,886,735	46,886,735	4	1	5	0
Case 74	8	46,942,842	99,799,101	3	2	5	0
Case 74	8	99,817,178	103,755,301	3	1	4	0
Case 74	8	103,769,678	103,830,692	4	1	5	0
Case 74	8	103,838,004	104,231,944	3	1	4	0
Case 74	8	104,238,182	104,607,119	4	1	5	0
Case 74	8	104,614,003	120,303,034	3	1	4	0
Case 74	8	120,327,008	120,365,319	4	1	5	0
Case 74	8	120,367,602	128,270,980	3	1	4	0
Case 74	8	128,276,154	128,356,226	4	2	6	0
Case 74	8	128,364,973	138,075,823	4	1	5	0
Case 74	8	138,081,290	146,293,414	3	1	4	0
Case 74	9	46,587	16,060,417	1	0	1	0
Case 74	9	16,060,746	16,449,788	2	0	2	1
Case 74	9	16,450,274	18,602,403	1	0	1	0
Case 74	9	18,606,825	31,136,986	2	0	2	1
Case 74	9	31,146,393	36,816,714	4	0	4	1
Case 74	9	36,819,706	46,944,322	3	0	3	1
Case 74	9	65,629,772	78,430,918	3	0	3	1
Case 74	9	78,438,434	78,640,399	4	0	4	1
Case 74	9	78,641,311	112,630,762	3	0	3	1
Case 74	9	112,632,327	138,516,109	4	0	4	1
Case 74	9	138,516,119	140,147,259	3	0	3	1
Case 74	9	140,147,273	141,066,491	4	0	4	1
Case 74	10	98,087	4,642,156	2	2	4	0
Case 74	10	4,646,167	4,655,565	3	2	5	0
Case 74	10	4,659,197	39,097,912	2	2	4	0
Case 74	10	42,436,301	42,503,340	2	2	4	0
Case 74	10	42,509,794	78,444,456	2	0	2	1
Case 74	10	78,457,588	135,477,883	3	0	3	1
Case 74	11	193,146	1,408,892	3	0	3	1
Case 74	11	1,418,450	14,571,637	4	0	4	1
Case 74	11	14,573,552	14,778,269	3	0	3	1
Case 74	11	14,781,621	27,794,045	4	0	4	1
Case 74	11	27,799,994	28,311,769	5	0	5	1
Case 74	11	28,311,790	51,591,253	3	0	3	1
Case 74	11	54,794,237	77,498,768	3	0	3	1
Case 74	11	77,526,474	77,961,445	2	0	2	1
Case 74	11	77,979,414	82,108,925	3	0	3	1
Case 74	11	82,109,154	82,430,245	4	0	4	1
Case 74	11	82,433,268	86,160,989	3	0	3	1
Case 74	11	86,161,388	86,826,422	4	0	4	1
Case 74	11	86,835,374	124,464,910	3	0	3	1
Case 74	11	124,466,751	124,660,651	2	0	2	1
Case 74	11	124,668,305	134,934,063	3	0	3	1
Case 74	12	191,619	11,971,896	2	1	3	0
Case 74	12	11,975,818	12,172,270	3	0	3	1
Case 74	12	12,173,711	12,450,532	2	0	2	1

Case 74	12	12,453,808	34,853,011	2	1	3	0
Case 74	12	37,876,400	52,532,230	2	1	3	0
Case 74	12	52,533,259	52,882,790	2	2	4	0
Case 74	12	52,883,510	76,258,966	2	1	3	0
Case 74	12	76,260,871	76,518,221	3	1	4	0
Case 74	12	76,518,531	89,415,356	2	1	3	0
Case 74	12	89,425,822	89,555,278	2	2	4	0
Case 74	12	89,576,400	98,520,552	2	1	3	0
Case 74	12	98,538,254	99,043,435	3	1	4	0
Case 74	12	99,050,366	105,657,527	2	1	3	0
Case 74	12	105,660,043	105,790,479	4	1	5	0
Case 74	12	105,791,315	125,123,792	2	1	3	0
Case 74	12	125,125,074	125,242,507	3	2	5	0
Case 74	12	125,245,560	133,810,935	2	1	3	0
Case 74	13	19,058,717	22,141,005	5	0	5	1
Case 74	13	22,141,038	59,072,409	4	0	4	1
Case 74	13	59,082,282	59,720,257	5	0	5	1
Case 74	13	59,720,630	74,115,700	4	0	4	1
Case 74	13	74,125,798	74,233,658	5	0	5	1
Case 74	13	74,234,274	82,281,335	4	0	4	1
Case 74	13	82,287,510	82,469,145	3	0	3	1
Case 74	13	82,480,892	115,103,529	4	0	4	1
Case 74	14	19,280,733	23,015,874	2	1	3	0
Case 74	14	23,018,808	23,022,546	2	2	4	0
Case 74	14	23,024,150	25,841,259	2	1	3	0
Case 74	14	25,843,774	27,376,899	1	1	2	0
Case 74	14	27,393,217	27,441,159	1	0	1	0
Case 74	14	27,450,705	29,889,699	1	1	2	0
Case 74	14	29,891,005	43,367,596	2	1	3	0
Case 74	14	43,380,552	43,474,406	1	0	1	0
Case 74	14	43,480,483	43,876,895	2	1	3	0
Case 74	14	43,878,297	44,308,578	1	0	1	0
Case 74	14	44,319,485	65,619,418	2	1	3	0
Case 74	14	65,633,561	65,878,395	3	1	4	0
Case 74	14	65,884,212	67,573,141	2	1	3	0
Case 74	14	67,595,344	68,196,636	3	1	4	0
Case 74	14	68,204,433	95,181,481	1	1	2	0
Case 74	14	95,185,017	95,339,855	2	1	3	0
Case 74	14	95,339,930	95,500,447	3	1	4	0
Case 74	14	95,510,787	107,287,663	2	1	3	0
Case 74	15	20,034,919	25,855,001	2	0	2	1
Case 74	15	25,860,911	35,428,218	3	0	3	1
Case 74	15	35,430,469	52,254,612	2	0	2	1
Case 74	15	52,254,682	53,855,925	3	0	3	1
Case 74	15	53,858,438	57,594,066	2	0	2	1
Case 74	15	57,596,350	62,132,921	3	0	3	1
Case 74	15	62,135,139	62,340,126	2	0	2	1
Case 74	15	62,358,682	76,359,055	3	0	3	1
Case 74	15	76,364,087	76,462,575	4	0	4	1
Case 74	15	76,469,633	97,412,694	3	0	3	1
Case 74	15	97,422,907	102,461,162	4	0	4	1
Case 74	16	88,165	20,109,653	1	1	2	0
Case 74	16	20,117,365	34,020,957	2	1	3	0
Case 74	16	34,194,635	35,285,582	3	1	4	0
Case 74	16	46,450,037	76,768,178	1	1	2	0
Case 74	16	76,768,372	78,524,330	2	1	3	0
Case 74	16	78,527,004	78,784,233	1	0	1	0
Case 74	16	78,787,891	90,274,695	1	1	2	0
Case 74	17	11,885	2,374,333	2	0	2	1
Case 74	17	2,385,240	2,490,600	3	0	3	1
Case 74	17	2,502,386	12,732,925	2	0	2	1

Case 74	17	12,736,827	12,763,748	3	0	3	1
Case 74	17	12,764,883	22,242,355	2	0	2	1
Case 74	17	25,268,142	25,268,142	2	0	2	1
Case 74	17	25,295,032	36,868,162	3	1	4	0
Case 74	17	36,871,936	70,563,083	2	2	4	0
Case 74	17	70,564,420	70,679,811	3	2	5	0
Case 74	17	70,680,637	71,397,320	2	2	4	0
Case 74	17	71,397,326	71,442,146	3	2	5	0
Case 74	17	71,442,400	77,914,743	2	2	4	0
Case 74	17	77,915,673	81,060,040	2	1	3	0
Case 74	18	87,505	1,725,758	4	1	5	0
Case 74	18	1,731,154	14,942,150	4	0	4	1
Case 74	18	14,949,001	15,375,878	4	1	5	0
Case 74	18	18,520,354	19,437,171	4	1	5	0
Case 74	18	19,444,613	19,940,195	5	1	6	0
Case 74	18	19,947,663	22,260,977	3	1	4	0
Case 74	18	22,262,327	30,755,662	4	1	5	0
Case 74	18	30,760,966	33,381,348	3	3	6	0
Case 74	18	33,396,298	33,543,660	4	4	8	0
Case 74	18	33,552,425	34,914,746	3	3	6	0
Case 74	18	34,916,800	37,837,257	4	1	5	0
Case 74	18	37,839,146	39,737,456	4	3	7	0
Case 74	18	39,745,130	42,192,225	3	3	6	0
Case 74	18	42,192,418	43,959,025	4	1	5	0
Case 74	18	43,960,199	52,717,564	4	0	4	1
Case 74	18	52,720,869	53,034,581	5	0	5	1
Case 74	18	53,043,220	62,682,366	4	0	4	1
Case 74	18	62,683,556	78,015,180	2	0	2	1
Case 74	19	260,912	13,135,981	2	0	2	1
Case 74	19	13,153,035	20,426,003	3	0	3	1
Case 74	19	20,430,665	21,740,932	1	0	1	0
Case 74	19	21,752,009	24,629,285	2	0	2	1
Case 74	19	27,732,159	27,763,440	2	0	2	1
Case 74	19	27,801,814	28,818,232	3	1	4	0
Case 74	19	28,822,169	29,554,195	4	1	5	0
Case 74	19	29,556,972	30,199,200	6	1	7	0
Case 74	19	30,199,851	30,747,112	5	1	6	0
Case 74	19	30,753,815	42,136,626	2	1	3	0
Case 74	19	42,147,477	42,460,159	2	2	4	0
Case 74	19	42,462,788	49,104,466	2	1	3	0
Case 74	19	49,106,827	49,703,651	1	1	2	0
Case 74	19	49,703,764	59,097,160	2	1	3	0
Case 74	20	63,244	13,582,476	4	1	5	0
Case 74	20	13,585,307	13,845,845	4	3	7	0
Case 74	20	13,846,084	13,998,098	4	1	5	0
Case 74	20	14,021,556	14,742,886	3	1	4	0
Case 74	20	14,745,223	23,011,468	4	1	5	0
Case 74	20	23,015,092	26,293,985	3	1	4	0
Case 74	20	29,425,357	37,713,976	3	1	4	0
Case 74	20	37,722,023	60,326,201	4	1	5	0
Case 74	20	60,330,913	62,948,788	3	1	4	0
Case 74	21	10,827,533	10,971,337	2	1	3	0
Case 74	21	14,368,320	17,877,794	2	1	3	0
Case 74	21	17,882,331	19,526,572	3	1	4	0
Case 74	21	19,527,049	20,431,363	4	1	5	0
Case 74	21	20,436,807	23,294,509	3	1	4	0
Case 74	21	23,295,949	39,615,764	2	1	3	0
Case 74	21	39,626,421	48,100,155	2	2	4	0
Case 74	22	16,114,244	25,225,879	1	1	2	0
Case 74	22	25,227,897	28,603,212	2	1	3	0
Case 74	22	28,604,583	37,858,097	1	1	2	0

Case 74	22	37,863,459	38,004,202	2	1	3	0
Case 74	22	38,007,812	51,195,728	1	1	2	0
Case 74	X	2,700,157	10,096,418	3	0	3	1
Case 74	X	10,098,055	10,349,835	2	0	2	1
Case 74	X	10,360,284	39,252,819	3	0	3	1
Case 74	X	39,254,277	46,112,948	2	0	2	1
Case 74	X	46,112,988	46,285,456	3	0	3	1
Case 74	X	46,301,359	46,920,599	2	0	2	1
Case 74	X	46,941,458	58,488,110	3	0	3	1
Case 74	X	61,694,576	96,029,506	3	0	3	1
Case 74	X	96,042,106	126,087,266	2	0	2	1
Case 74	X	126,092,064	126,563,086	1	0	1	0
Case 74	X	126,585,734	154,898,561	2	0	2	1
Case 75	1	82,154	39,550,621	2	1	3	0
Case 75	1	39,551,621	39,651,652	2	2	4	0
Case 75	1	39,662,654	64,059,403	2	1	3	0
Case 75	1	64,075,768	64,357,060	2	2	4	0
Case 75	1	64,358,246	72,428,834	2	1	3	0
Case 75	1	72,433,346	120,464,998	2	2	4	0
Case 75	1	120,465,007	121,346,616	3	0	3	1
Case 75	1	142,649,718	161,257,358	3	3	6	0
Case 75	1	161,260,215	165,199,343	4	3	7	0
Case 75	1	165,207,875	168,431,914	4	2	6	0
Case 75	1	168,436,436	173,478,877	5	2	7	0
Case 75	1	173,486,716	190,735,457	4	2	6	0
Case 75	1	190,750,491	191,040,861	5	2	7	0
Case 75	1	191,062,388	195,567,234	4	2	6	0
Case 75	1	195,568,383	195,747,936	5	2	7	0
Case 75	1	195,749,012	200,483,591	4	2	6	0
Case 75	1	200,491,167	205,662,977	3	2	5	0
Case 75	1	205,676,263	208,515,347	4	2	6	0
Case 75	1	208,517,277	208,646,090	3	2	5	0
Case 75	1	208,674,351	240,869,087	4	2	6	0
Case 75	1	240,870,238	240,917,525	6	2	8	0
Case 75	1	240,919,826	242,531,654	4	2	6	0
Case 75	1	242,532,846	242,663,902	5	2	7	0
Case 75	1	242,666,992	249,218,992	4	2	6	0
Case 75	2	18,674	14,525,844	3	1	4	0
Case 75	2	14,528,945	14,632,564	1	0	1	0
Case 75	2	14,648,430	47,387,187	3	1	4	0
Case 75	2	47,390,058	74,382,173	2	1	3	0
Case 75	2	74,392,940	77,429,576	2	2	4	0
Case 75	2	77,437,279	78,342,416	2	0	2	1
Case 75	2	78,346,731	78,696,239	1	0	1	0
Case 75	2	78,699,428	84,324,021	2	0	2	1
Case 75	2	84,328,335	92,081,640	3	0	3	1
Case 75	2	95,429,424	130,683,344	4	0	4	1
Case 75	2	130,683,532	140,395,703	3	0	3	1
Case 75	2	140,406,216	141,806,707	3	2	5	0
Case 75	2	141,810,244	146,752,161	3	0	3	1
Case 75	2	146,764,156	172,468,776	3	2	5	0
Case 75	2	172,472,584	172,510,689	4	3	7	0
Case 75	2	172,511,925	187,907,901	3	2	5	0
Case 75	2	187,929,901	188,308,640	2	2	4	0
Case 75	2	188,326,763	205,875,407	3	2	5	0
Case 75	2	205,883,547	206,140,982	4	2	6	0
Case 75	2	206,144,833	206,359,207	3	1	4	0
Case 75	2	206,363,651	206,461,610	2	1	3	0
Case 75	2	206,464,465	225,943,606	2	2	4	0
Case 75	2	225,946,531	226,041,219	4	2	6	0
Case 75	2	226,053,521	234,653,938	2	2	4	0

Case 75	2	234,655,144	234,666,581	3	2	5	0
Case 75	2	234,667,582	243,048,760	2	2	4	0
Case 75	3	61,495	8,358,721	6	0	6	1
Case 75	3	8,359,650	11,675,789	5	0	5	1
Case 75	3	11,677,077	11,932,455	7	0	7	1
Case 75	3	11,940,847	16,684,658	5	0	5	1
Case 75	3	16,686,195	36,534,540	6	0	6	1
Case 75	3	36,545,740	42,799,804	4	0	4	1
Case 75	3	42,800,291	42,863,739	3	0	3	1
Case 75	3	42,865,044	46,323,859	4	0	4	1
Case 75	3	46,336,781	53,096,394	3	0	3	1
Case 75	3	53,098,775	74,352,388	4	0	4	1
Case 75	3	74,358,189	86,890,846	3	0	3	1
Case 75	3	86,896,008	90,442,925	3	1	4	0
Case 75	3	93,537,290	93,791,390	3	1	4	0
Case 75	3	93,803,000	102,935,573	2	1	3	0
Case 75	3	102,946,216	103,061,020	4	1	5	0
Case 75	3	103,062,026	122,089,359	2	1	3	0
Case 75	3	122,101,721	125,410,843	3	1	4	0
Case 75	3	125,435,432	145,789,104	2	1	3	0
Case 75	3	145,790,803	149,022,622	4	1	5	0
Case 75	3	149,022,765	156,707,330	5	1	6	0
Case 75	3	156,709,318	161,008,125	6	1	7	0
Case 75	3	161,014,276	168,715,048	7	1	8	0
Case 75	3	168,715,259	172,394,890	6	1	7	0
Case 75	3	172,395,351	175,216,853	7	1	8	0
Case 75	3	175,218,006	182,840,938	6	1	7	0
Case 75	3	182,841,990	187,924,902	5	1	6	0
Case 75	3	187,930,047	193,495,514	6	1	7	0
Case 75	3	193,505,467	197,838,262	5	1	6	0
Case 75	4	71,566	49,620,898	2	2	4	0
Case 75	4	52,697,856	87,074,032	2	2	4	0
Case 75	4	87,076,360	87,362,834	2	1	3	0
Case 75	4	87,369,063	97,476,439	2	2	4	0
Case 75	4	97,489,174	97,623,215	2	1	3	0
Case 75	4	97,627,011	111,584,419	2	2	4	0
Case 75	4	111,598,749	114,551,579	2	0	2	1
Case 75	4	114,555,661	132,298,239	2	2	4	0
Case 75	4	132,305,574	133,156,160	4	2	6	0
Case 75	4	133,157,721	134,872,709	3	2	5	0
Case 75	4	134,888,185	135,252,930	2	1	3	0
Case 75	4	135,278,000	136,606,270	2	2	4	0
Case 75	4	136,613,685	154,376,222	3	2	5	0
Case 75	4	154,378,572	156,008,037	3	0	3	1
Case 75	4	156,016,684	169,390,717	2	0	2	1
Case 75	4	169,394,314	171,043,706	3	0	3	1
Case 75	4	171,044,796	183,654,099	2	0	2	1
Case 75	4	183,655,548	187,903,412	3	0	3	1
Case 75	4	187,903,476	190,963,766	2	0	2	1
Case 75	5	38,139	969,285	3	3	6	0
Case 75	5	979,148	1,169,112	4	3	7	0
Case 75	5	1,170,323	1,189,347	7	3	10	0
Case 75	5	1,190,088	1,294,138	4	2	6	0
Case 75	5	1,294,166	1,753,306	3	3	6	0
Case 75	5	1,759,000	32,427,587	4	0	4	1
Case 75	5	32,428,018	32,733,968	6	0	6	1
Case 75	5	32,734,327	46,399,093	4	0	4	1
Case 75	5	49,457,282	49,457,282	4	0	4	1
Case 75	5	49,470,083	70,997,465	2	0	2	1
Case 75	5	70,998,053	82,376,926	3	0	3	1
Case 75	5	82,377,004	131,258,378	2	0	2	1

Case 75	5	131,271,022	139,684,364	3	0	3	1
Case 75	5	139,695,230	140,183,237	4	0	4	1
Case 75	5	140,183,823	143,197,848	3	0	3	1
Case 75	5	143,200,053	145,720,431	2	0	2	1
Case 75	5	145,732,560	160,537,025	3	0	3	1
Case 75	5	160,537,180	163,072,880	2	0	2	1
Case 75	5	163,082,728	163,290,591	0	0	0	0
Case 75	5	163,306,841	166,233,909	2	0	2	1
Case 75	5	166,245,766	170,096,737	3	0	3	1
Case 75	5	170,099,077	170,239,112	4	0	4	1
Case 75	5	170,240,423	180,693,127	3	0	3	1
Case 75	6	108,666	1,707,399	4	2	6	0
Case 75	6	1,708,871	1,786,340	3	2	5	0
Case 75	6	1,792,608	2,097,686	2	0	2	1
Case 75	6	2,106,309	30,717,389	4	2	6	0
Case 75	6	30,717,637	31,044,863	3	3	6	0
Case 75	6	31,046,528	31,464,739	4	2	6	0
Case 75	6	31,465,726	32,169,288	3	2	5	0
Case 75	6	32,169,574	32,878,275	4	2	6	0
Case 75	6	32,879,233	34,118,586	3	2	5	0
Case 75	6	34,125,281	41,159,801	4	2	6	0
Case 75	6	41,160,572	44,525,989	3	2	5	0
Case 75	6	44,526,440	57,498,965	4	2	6	0
Case 75	6	57,499,035	58,150,777	3	1	4	0
Case 75	6	58,168,152	58,641,933	4	2	6	0
Case 75	6	58,653,698	58,719,796	5	1	6	0
Case 75	6	58,728,413	58,752,089	4	0	4	1
Case 75	6	61,891,118	89,620,293	4	0	4	1
Case 75	6	89,633,046	89,899,914	6	0	6	1
Case 75	6	89,900,599	98,019,080	4	0	4	1
Case 75	6	98,033,236	104,483,487	6	0	6	1
Case 75	6	104,484,800	112,973,229	5	0	5	1
Case 75	6	112,975,224	125,609,217	6	0	6	1
Case 75	6	125,618,969	148,179,363	5	0	5	1
Case 75	6	148,180,666	148,266,755	3	0	3	1
Case 75	6	148,269,647	161,942,405	5	0	5	1
Case 75	6	161,944,019	162,234,333	4	0	4	1
Case 75	6	162,236,075	162,729,527	5	0	5	1
Case 75	6	162,733,752	162,746,359	3	0	3	1
Case 75	6	162,748,555	162,888,522	5	0	5	1
Case 75	6	162,888,704	162,995,680	0	0	0	0
Case 75	6	162,996,263	170,980,171	5	0	5	1
Case 75	7	44,935	38,319,339	3	2	5	0
Case 75	7	38,319,378	38,412,022	4	3	7	0
Case 75	7	38,412,988	58,019,061	3	2	5	0
Case 75	7	61,056,053	61,994,170	3	2	5	0
Case 75	7	62,035,570	62,479,327	2	0	2	1
Case 75	7	62,510,311	66,343,304	3	0	3	1
Case 75	7	66,346,373	79,337,748	4	0	4	1
Case 75	7	79,338,211	103,563,145	3	0	3	1
Case 75	7	103,570,601	108,074,766	4	0	4	1
Case 75	7	108,075,566	126,657,390	3	0	3	1
Case 75	7	126,657,545	132,732,992	4	0	4	1
Case 75	7	132,741,757	132,945,754	5	0	5	1
Case 75	7	132,956,182	143,752,228	4	0	4	1
Case 75	7	143,754,959	157,502,916	3	0	3	1
Case 75	7	157,508,424	157,625,051	0	0	0	0
Case 75	7	157,634,220	159,119,486	3	0	3	1
Case 75	8	164,984	8,625,041	3	0	3	1
Case 75	8	8,629,936	8,894,700	5	0	5	1
Case 75	8	8,895,470	13,490,463	4	0	4	1

Case 75	8	13,490,995	17,169,085	3	0	3	1
Case 75	8	17,171,599	27,539,370	4	0	4	1
Case 75	8	27,542,849	27,690,627	3	0	3	1
Case 75	8	27,702,453	43,791,691	4	0	4	1
Case 75	8	46,886,735	53,605,442	4	0	4	1
Case 75	8	53,660,154	54,855,680	5	0	5	1
Case 75	8	54,858,494	100,222,764	4	0	4	1
Case 75	8	100,252,754	125,459,719	5	0	5	1
Case 75	8	125,462,121	125,487,498	4	0	4	1
Case 75	8	125,493,942	126,254,259	5	0	5	1
Case 75	8	126,264,351	126,656,246	7	0	7	1
Case 75	8	126,667,489	129,371,875	5	0	5	1
Case 75	8	129,384,895	130,727,016	6	0	6	1
Case 75	8	130,727,351	145,742,850	5	0	5	1
Case 75	8	145,745,251	146,293,414	4	0	4	1
Case 75	9	46,587	8,738,267	3	1	4	0
Case 75	9	8,739,061	17,976,625	2	1	3	0
Case 75	9	17,987,408	18,059,000	2	2	4	0
Case 75	9	18,061,140	46,944,322	2	1	3	0
Case 75	9	65,629,772	136,507,586	2	1	3	0
Case 75	9	136,508,640	141,066,491	3	2	5	0
Case 75	10	98,087	14,607,610	4	1	5	0
Case 75	10	14,609,795	15,045,021	5	1	6	0
Case 75	10	15,045,263	39,097,912	4	1	5	0
Case 75	10	42,436,301	42,503,340	4	1	5	0
Case 75	10	42,509,794	78,122,729	2	1	3	0
Case 75	10	78,133,074	78,341,485	2	0	2	1
Case 75	10	78,392,318	89,352,346	2	1	3	0
Case 75	10	89,355,313	89,381,993	3	2	5	0
Case 75	10	89,385,484	92,917,925	2	1	3	0
Case 75	10	92,926,700	118,444,339	2	2	4	0
Case 75	10	118,448,078	118,567,672	3	2	5	0
Case 75	10	118,568,352	135,477,883	2	2	4	0
Case 75	11	193,146	4,335,548	3	1	4	0
Case 75	11	4,387,760	12,082,861	2	1	3	0
Case 75	11	12,083,368	12,505,324	4	1	5	0
Case 75	11	12,517,482	50,697,498	2	1	3	0
Case 75	11	51,095,992	51,591,253	2	2	4	0
Case 75	11	54,794,237	116,501,684	2	2	4	0
Case 75	11	116,504,377	116,822,034	4	2	6	0
Case 75	11	116,826,870	117,820,561	2	2	4	0
Case 75	11	117,823,425	118,344,558	4	2	6	0
Case 75	11	118,344,600	118,405,249	3	2	5	0
Case 75	11	118,405,835	131,468,095	2	2	4	0
Case 75	11	131,469,762	134,934,063	3	2	5	0
Case 75	12	191,619	5,603,540	2	2	4	0
Case 75	12	5,603,607	5,988,271	3	2	5	0
Case 75	12	5,988,827	34,853,011	2	2	4	0
Case 75	12	37,876,400	37,961,768	2	2	4	0
Case 75	12	38,072,773	38,416,139	2	1	3	0
Case 75	12	38,424,982	48,151,789	2	2	4	0
Case 75	12	48,152,995	48,278,190	3	2	5	0
Case 75	12	48,278,487	52,593,059	2	2	4	0
Case 75	12	52,594,827	52,680,049	3	2	5	0
Case 75	12	52,680,104	58,287,202	2	2	4	0
Case 75	12	58,293,664	114,438,918	2	1	3	0
Case 75	12	114,440,169	133,810,935	2	2	4	0
Case 75	13	19,058,717	31,765,139	3	0	3	1
Case 75	13	31,767,035	49,810,881	2	0	2	1
Case 75	13	49,815,405	54,064,981	4	2	6	0
Case 75	13	54,065,460	57,190,005	5	2	7	0



Case 75	13	57,193,801	59,152,021	8	2	10	0
Case 75	13	59,155,431	85,073,071	7	2	9	0
Case 75	13	85,073,946	95,672,950	6	2	8	0
Case 75	13	95,673,135	95,866,060	5	2	7	0
Case 75	13	95,866,067	95,877,302	7	2	9	0
Case 75	13	95,878,842	95,954,327	5	2	7	0
Case 75	13	95,955,076	98,757,238	6	2	8	0
Case 75	13	98,758,821	101,614,430	5	2	7	0
Case 75	13	101,615,109	109,557,930	6	2	8	0
Case 75	13	109,559,422	111,588,967	5	2	7	0
Case 75	13	111,590,028	111,720,978	6	2	8	0
Case 75	13	111,721,756	115,103,529	5	1	6	0
Case 75	14	19,280,733	20,420,338	3	2	5	0
Case 75	14	20,425,051	20,719,360	2	2	4	0
Case 75	14	20,723,446	20,761,616	3	2	5	0
Case 75	14	20,763,446	22,591,988	2	2	4	0
Case 75	14	22,592,994	22,977,222	3	2	5	0
Case 75	14	22,978,335	44,188,271	2	2	4	0
Case 75	14	44,201,175	44,784,651	2	1	3	0
Case 75	14	44,790,061	107,287,663	2	2	4	0
Case 75	15	20,034,919	31,439,804	2	2	4	0
Case 75	15	31,440,697	31,655,208	3	2	5	0
Case 75	15	31,656,554	64,502,960	2	2	4	0
Case 75	15	64,508,763	64,965,815	1	1	2	0
Case 75	15	64,966,252	72,451,247	2	2	4	0
Case 75	15	72,451,827	90,302,399	3	2	5	0
Case 75	15	90,302,503	90,891,982	4	2	6	0
Case 75	15	90,895,265	102,461,162	3	2	5	0
Case 75	16	88,165	133,946	3	0	3	1
Case 75	16	135,414	2,788,281	2	0	2	1
Case 75	16	2,807,263	4,042,449	3	0	3	1
Case 75	16	4,049,365	4,969,222	2	2	4	0
Case 75	16	4,972,963	8,941,598	3	2	5	0
Case 75	16	8,941,654	9,224,319	4	2	6	0
Case 75	16	9,226,385	25,211,679	3	2	5	0
Case 75	16	25,224,437	35,285,582	2	1	3	0
Case 75	16	46,450,037	62,259,605	3	2	5	0
Case 75	16	62,261,983	63,259,304	5	2	7	0
Case 75	16	63,265,775	63,714,811	6	2	8	0
Case 75	16	63,715,660	66,413,195	5	2	7	0
Case 75	16	66,413,243	69,497,810	4	2	6	0
Case 75	16	69,509,506	70,779,144	5	1	6	0
Case 75	16	70,782,922	71,218,789	4	2	6	0
Case 75	16	71,220,668	72,234,472	5	2	7	0
Case 75	16	72,243,624	72,431,989	6	2	8	0
Case 75	16	72,450,482	73,816,034	5	2	7	0
Case 75	16	73,816,322	74,277,844	6	2	8	0
Case 75	16	74,286,577	75,556,838	5	2	7	0
Case 75	16	75,558,461	75,690,977	4	2	6	0
Case 75	16	75,696,506	77,188,359	5	2	7	0
Case 75	16	77,190,073	79,013,587	4	2	6	0
Case 75	16	79,016,116	88,348,934	2	1	3	0
Case 75	16	88,353,300	88,580,796	2	2	4	0
Case 75	16	88,580,854	89,924,847	2	1	3	0
Case 75	16	89,925,556	90,274,695	3	2	5	0
Case 75	17	11,885	4,154,426	4	0	4	1
Case 75	17	4,156,190	4,519,139	5	0	5	1
Case 75	17	4,523,167	13,152,158	4	0	4	1
Case 75	17	13,155,911	13,523,236	3	0	3	1
Case 75	17	13,530,794	13,557,909	2	0	2	1
Case 75	17	13,561,574	19,168,912	3	0	3	1

Case 75	17	19,172,196	21,318,748	5	1	6	0
Case 75	17	21,318,753	22,242,355	4	2	6	0
Case 75	17	25,268,142	25,295,032	4	2	6	0
Case 75	17	25,329,949	26,519,204	3	3	6	0
Case 75	17	26,549,716	26,637,454	4	3	7	0
Case 75	17	26,638,730	29,496,343	3	3	6	0
Case 75	17	29,496,486	29,532,356	5	4	9	0
Case 75	17	29,543,269	35,109,963	3	3	6	0
Case 75	17	35,113,905	35,141,201	4	3	7	0
Case 75	17	35,141,462	36,484,743	3	3	6	0
Case 75	17	36,485,071	37,949,034	5	3	8	0
Case 75	17	37,949,924	38,169,714	6	2	8	0
Case 75	17	38,172,305	38,264,197	5	2	7	0
Case 75	17	38,277,468	39,572,256	4	2	6	0
Case 75	17	39,573,713	40,127,060	3	3	6	0
Case 75	17	40,127,537	48,978,654	4	2	6	0
Case 75	17	48,983,775	53,295,273	5	2	7	0
Case 75	17	53,298,943	55,540,976	4	2	6	0
Case 75	17	55,543,961	55,653,436	2	0	2	1
Case 75	17	55,656,858	57,970,654	4	2	6	0
Case 75	17	57,989,860	58,040,269	4	3	7	0
Case 75	17	58,040,356	66,714,282	4	2	6	0
Case 75	17	66,719,237	66,819,696	3	0	3	1
Case 75	17	66,820,449	68,190,826	2	0	2	1
Case 75	17	68,195,046	70,217,485	5	2	7	0
Case 75	17	70,218,748	71,689,995	4	2	6	0
Case 75	17	71,695,322	78,980,375	3	0	3	1
Case 75	17	78,983,575	81,060,040	2	0	2	1
Case 75	18	87,505	15,375,878	4	2	6	0
Case 75	18	18,520,354	27,368,785	2	2	4	0
Case 75	18	27,372,273	29,118,843	2	0	2	1
Case 75	18	29,119,490	30,454,053	3	0	3	1
Case 75	18	30,458,250	34,270,050	2	0	2	1
Case 75	18	34,270,316	35,719,478	3	0	3	1
Case 75	18	35,720,709	42,810,653	2	0	2	1
Case 75	18	42,819,590	49,147,023	3	0	3	1
Case 75	18	49,151,966	54,693,531	2	0	2	1
Case 75	18	54,694,151	61,246,964	3	0	3	1
Case 75	18	61,246,975	71,323,435	2	0	2	1
Case 75	18	71,327,754	78,015,180	3	0	3	1
Case 75	19	260,912	4,391,334	2	0	2	1
Case 75	19	4,402,017	8,920,984	3	0	3	1
Case 75	19	8,921,033	8,966,588	2	0	2	1
Case 75	19	8,966,706	9,349,367	3	0	3	1
Case 75	19	9,349,460	9,531,693	2	0	2	1
Case 75	19	9,536,203	11,217,344	3	0	3	1
Case 75	19	11,218,079	20,003,341	2	2	4	0
Case 75	19	20,003,485	20,466,055	4	2	6	0
Case 75	19	20,470,564	24,629,285	2	2	4	0
Case 75	19	27,732,159	28,246,742	2	2	4	0
Case 75	19	28,252,131	28,554,588	6	1	7	0
Case 75	19	28,556,284	28,685,647	11	1	12	0
Case 75	19	28,692,266	29,000,203	9	1	10	0
Case 75	19	29,004,322	29,348,066	6	1	7	0
Case 75	19	29,348,082	29,556,972	6	2	8	0
Case 75	19	29,564,161	29,980,809	8	1	9	0
Case 75	19	29,983,323	30,079,604	6	1	7	0
Case 75	19	30,080,437	30,137,035	9	1	10	0
Case 75	19	30,149,581	30,199,200	13	1	14	0
Case 75	19	30,199,851	30,308,425	9	1	10	0
Case 75	19	30,312,636	30,457,988	7	1	8	0

Case 75	19	30,465,196	30,609,547	12	1	13	0
Case 75	19	30,610,400	30,920,536	8	1	9	0
Case 75	19	30,922,212	34,271,079	2	2	4	0
Case 75	19	34,271,505	34,436,889	3	2	5	0
Case 75	19	34,439,135	44,068,575	2	2	4	0
Case 75	19	44,071,408	44,281,562	3	2	5	0
Case 75	19	44,284,965	45,574,894	2	2	4	0
Case 75	19	45,575,251	45,716,197	3	2	5	0
Case 75	19	45,716,467	50,020,163	2	2	4	0
Case 75	19	50,027,765	50,444,061	3	0	3	1
Case 75	19	50,451,508	50,563,239	2	0	2	1
Case 75	19	50,563,899	50,881,054	5	0	5	1
Case 75	19	50,881,968	52,385,520	3	0	3	1
Case 75	19	52,386,723	53,765,130	2	0	2	1
Case 75	19	53,767,570	53,820,000	3	0	3	1
Case 75	19	53,822,594	53,968,383	2	0	2	1
Case 75	19	53,970,581	59,097,160	3	0	3	1
Case 75	20	63,244	26,293,985	4	2	6	0
Case 75	20	29,425,357	48,629,456	3	3	6	0
Case 75	20	48,640,477	48,678,624	5	3	8	0
Case 75	20	48,684,438	49,163,235	4	3	7	0
Case 75	20	49,170,157	50,419,766	3	3	6	0
Case 75	20	50,426,860	54,766,972	4	3	7	0
Case 75	20	54,768,476	62,948,788	3	3	6	0
Case 75	21	10,827,533	10,971,337	2	1	3	0
Case 75	21	14,368,320	15,372,509	2	1	3	0
Case 75	21	15,375,507	33,096,867	2	0	2	1
Case 75	21	33,124,238	48,100,155	3	0	3	1
Case 75	22	16,114,244	50,468,933	5	0	5	1
Case 75	22	50,470,516	51,195,728	4	0	4	1
Case 75	X	2,700,157	58,488,110	3	2	5	0
Case 75	X	61,694,576	82,504,054	3	2	5	0
Case 75	X	82,529,564	91,704,677	7	2	9	0
Case 75	X	91,741,660	92,269,581	5	2	7	0
Case 75	X	92,323,671	96,196,880	0	0	0	0
Case 75	X	96,204,010	139,771,010	3	0	3	1
Case 75	X	139,793,630	140,078,753	5	0	5	1
Case 75	X	140,221,672	153,101,092	2	1	3	0
Case 75	X	153,119,093	154,898,561	5	0	5	1
Case 76	1	82,154	874,456	2	1	3	0
Case 76	1	874,501	1,756,864	2	0	2	1
Case 76	1	1,762,014	14,364,227	3	0	3	1
Case 76	1	14,364,575	15,101,472	2	0	2	1
Case 76	1	15,102,393	49,627,502	3	0	3	1
Case 76	1	49,664,304	71,939,755	2	0	2	1
Case 76	1	71,949,903	72,520,941	1	0	1	0
Case 76	1	72,531,155	73,111,887	2	0	2	1
Case 76	1	73,116,491	79,904,383	4	0	4	1
Case 76	1	79,904,431	82,848,779	3	0	3	1
Case 76	1	82,850,151	83,234,010	4	0	4	1
Case 76	1	83,237,484	106,568,613	3	0	3	1
Case 76	1	106,568,904	107,448,618	2	0	2	1
Case 76	1	107,450,588	121,346,616	3	0	3	1
Case 76	1	142,649,718	161,711,791	3	0	3	1
Case 76	1	161,712,857	170,657,994	4	0	4	1
Case 76	1	170,658,355	174,363,257	3	0	3	1
Case 76	1	174,369,767	174,681,384	0	0	0	0
Case 76	1	174,709,679	183,559,704	3	0	3	1
Case 76	1	183,561,560	200,861,003	4	0	4	1
Case 76	1	200,862,557	213,058,700	3	0	3	1
Case 76	1	213,064,209	222,898,838	2	0	2	1

Case 76	1	222,904,298	223,004,049	0	0	0	0
Case 76	1	223,022,931	233,623,860	2	0	2	1
Case 76	1	233,624,614	236,413,230	3	0	3	1
Case 76	1	236,416,732	238,994,054	2	2	4	0
Case 76	1	239,001,279	249,218,992	3	2	5	0
Case 76	2	18,674	92,081,640	2	1	3	0
Case 76	2	95,429,424	140,962,137	2	1	3	0
Case 76	2	140,966,549	141,348,712	1	1	2	0
Case 76	2	141,349,306	141,771,962	1	0	1	0
Case 76	2	141,777,554	141,826,948	2	1	3	0
Case 76	2	141,830,076	141,882,963	1	1	2	0
Case 76	2	141,888,035	142,047,759	1	0	1	0
Case 76	2	142,054,467	142,143,385	1	1	2	0
Case 76	2	142,148,511	153,193,698	2	1	3	0
Case 76	2	153,197,805	153,315,366	2	0	2	1
Case 76	2	153,323,026	196,345,121	2	1	3	0
Case 76	2	196,351,189	202,102,685	3	1	4	0
Case 76	2	202,111,380	215,513,430	3	0	3	1
Case 76	2	215,514,980	215,752,084	2	0	2	1
Case 76	2	215,755,678	238,500,046	3	0	3	1
Case 76	2	238,500,211	238,505,625	4	0	4	1
Case 76	2	238,508,099	243,048,760	3	0	3	1
Case 76	3	61,495	1,503,156	1	1	2	0
Case 76	3	1,503,929	1,722,181	1	0	1	0
Case 76	3	1,722,281	3,639,025	1	1	2	0
Case 76	3	3,643,141	3,689,371	1	0	1	0
Case 76	3	3,690,193	21,008,710	1	1	2	0
Case 76	3	21,020,875	21,270,162	1	0	1	0
Case 76	3	21,270,688	41,266,655	1	1	2	0
Case 76	3	41,267,276	59,741,758	2	1	3	0
Case 76	3	59,749,703	59,990,805	2	0	2	1
Case 76	3	59,991,608	66,914,689	2	1	3	0
Case 76	3	66,917,635	67,061,960	1	1	2	0
Case 76	3	67,067,260	67,379,361	2	1	3	0
Case 76	3	67,397,253	67,476,165	2	0	2	1
Case 76	3	67,506,870	71,035,887	2	1	3	0
Case 76	3	71,036,994	71,302,616	2	0	2	1
Case 76	3	71,318,993	73,052,765	2	1	3	0
Case 76	3	73,074,763	73,102,725	1	1	2	0
Case 76	3	73,108,092	77,026,968	2	1	3	0
Case 76	3	77,037,626	89,686,064	2	2	4	0
Case 76	3	89,697,760	90,442,925	2	0	2	1
Case 76	3	93,537,290	115,321,358	2	0	2	1
Case 76	3	115,323,184	115,402,742	1	0	1	0
Case 76	3	115,403,818	115,971,442	2	0	2	1
Case 76	3	115,972,028	116,647,795	1	0	1	0
Case 76	3	116,648,690	137,771,152	2	0	2	1
Case 76	3	137,776,539	137,835,746	1	0	1	0
Case 76	3	137,843,106	141,979,191	2	0	2	1
Case 76	3	141,989,460	183,141,028	2	2	4	0
Case 76	3	183,141,152	184,488,916	2	1	3	0
Case 76	3	184,490,958	189,230,306	2	2	4	0
Case 76	3	189,230,922	190,084,208	3	1	4	0
Case 76	3	190,087,933	193,546,594	2	2	4	0
Case 76	3	193,557,558	197,838,262	2	1	3	0
Case 76	4	71,566	432,766	1	0	1	0
Case 76	4	435,522	49,620,898	2	1	3	0
Case 76	4	52,697,856	53,871,388	2	1	3	0
Case 76	4	53,872,674	54,380,052	1	1	2	0
Case 76	4	54,381,345	60,627,772	2	1	3	0
Case 76	4	60,639,488	61,163,718	1	1	2	0

Case 76	4	61,170,648	63,887,305	2	1	3	0
Case 76	4	63,895,857	66,308,481	3	1	4	0
Case 76	4	66,322,437	66,917,610	1	1	2	0
Case 76	4	66,923,059	81,967,779	2	1	3	0
Case 76	4	81,968,362	83,381,564	1	1	2	0
Case 76	4	83,403,563	86,222,977	2	1	3	0
Case 76	4	86,251,698	103,537,774	1	1	2	0
Case 76	4	103,542,005	103,866,468	1	0	1	0
Case 76	4	103,870,091	116,316,085	1	1	2	0
Case 76	4	116,332,722	116,352,641	1	0	1	0
Case 76	4	116,375,611	130,908,815	1	1	2	0
Case 76	4	130,912,560	131,003,046	2	1	3	0
Case 76	4	131,003,605	156,698,677	1	1	2	0
Case 76	4	156,699,636	182,048,692	2	1	3	0
Case 76	4	182,053,380	182,407,529	1	0	1	0
Case 76	4	182,407,681	182,444,131	1	1	2	0
Case 76	4	182,447,323	190,481,771	2	1	3	0
Case 76	4	190,522,201	190,963,766	1	1	2	0
Case 76	5	38,139	314,935	2	0	2	1
Case 76	5	336,952	6,827,513	2	1	3	0
Case 76	5	6,828,995	9,209,831	3	1	4	0
Case 76	5	9,215,068	9,483,209	2	1	3	0
Case 76	5	9,485,396	21,826,642	3	1	4	0
Case 76	5	21,827,593	22,219,836	2	1	3	0
Case 76	5	22,222,461	30,503,426	3	1	4	0
Case 76	5	30,511,767	46,399,093	2	1	3	0
Case 76	5	49,457,282	55,028,160	2	1	3	0
Case 76	5	55,029,596	180,514,652	1	1	2	0
Case 76	5	180,527,455	180,693,127	2	0	2	1
Case 76	6	108,666	2,048,584	2	1	3	0
Case 76	6	2,052,811	2,276,503	0	0	0	0
Case 76	6	2,277,237	2,472,613	2	0	2	1
Case 76	6	2,474,874	5,737,122	2	1	3	0
Case 76	6	5,741,436	6,040,482	1	1	2	0
Case 76	6	6,047,249	37,879,556	2	1	3	0
Case 76	6	37,881,445	38,123,030	1	1	2	0
Case 76	6	38,139,482	58,752,089	2	1	3	0
Case 76	6	61,891,118	101,710,737	2	1	3	0
Case 76	6	101,726,103	102,058,891	1	0	1	0
Case 76	6	102,065,160	125,528,577	2	1	3	0
Case 76	6	125,528,974	125,609,217	3	1	4	0
Case 76	6	125,618,969	136,622,032	2	1	3	0
Case 76	6	136,645,817	136,760,581	1	1	2	0
Case 76	6	136,765,459	162,597,463	2	1	3	0
Case 76	6	162,598,215	162,690,634	2	0	2	1
Case 76	6	162,691,418	162,779,151	1	0	1	0
Case 76	6	162,789,197	162,851,519	2	0	2	1
Case 76	6	162,851,541	170,980,171	2	1	3	0
Case 76	7	44,935	3,179,991	2	1	3	0
Case 76	7	3,180,657	30,246,816	2	2	4	0
Case 76	7	30,251,254	30,492,468	2	1	3	0
Case 76	7	30,492,599	38,297,145	2	2	4	0
Case 76	7	38,298,285	38,358,412	3	2	5	0
Case 76	7	38,358,956	47,532,716	2	2	4	0
Case 76	7	47,537,679	47,564,745	2	1	3	0
Case 76	7	47,564,942	58,019,061	2	2	4	0
Case 76	7	61,056,053	69,546,617	2	2	4	0
Case 76	7	69,562,563	69,741,327	2	0	2	1
Case 76	7	69,759,833	70,169,449	1	0	1	0
Case 76	7	70,171,159	71,982,924	2	0	2	1
Case 76	7	72,073,716	72,305,671	3	1	4	0

Case 76	7	72,413,683	146,571,183	2	0	2	1
Case 76	7	146,575,177	146,831,849	1	0	1	0
Case 76	7	146,842,500	146,997,364	2	0	2	1
Case 76	7	147,001,077	147,035,067	1	0	1	0
Case 76	7	147,039,722	147,425,466	2	0	2	1
Case 76	7	147,426,374	147,549,713	1	0	1	0
Case 76	7	147,558,680	159,119,486	2	0	2	1
Case 76	8	164,984	43,791,691	1	1	2	0
Case 76	8	46,886,735	111,681,660	1	1	2	0
Case 76	8	111,693,132	115,711,436	2	1	3	0
Case 76	8	115,712,241	115,735,288	3	1	4	0
Case 76	8	115,738,188	115,839,385	2	1	3	0
Case 76	8	115,843,061	136,017,930	3	1	4	0
Case 76	8	136,024,190	140,925,766	2	1	3	0
Case 76	8	140,926,772	140,998,950	1	1	2	0
Case 76	8	141,004,455	146,293,414	2	1	3	0
Case 76	9	46,587	8,889,419	1	0	1	0
Case 76	9	8,890,725	10,000,931	0	0	0	0
Case 76	9	10,004,946	25,658,472	1	0	1	0
Case 76	9	25,659,418	25,677,215	0	0	0	0
Case 76	9	25,677,349	28,663,042	1	0	1	0
Case 76	9	28,677,376	28,771,619	0	0	0	0
Case 76	9	28,772,999	29,374,906	1	0	1	0
Case 76	9	29,393,359	29,539,147	0	0	0	0
Case 76	9	29,539,183	31,873,011	1	0	1	0
Case 76	9	31,879,919	32,696,996	5	1	6	0
Case 76	9	32,698,601	33,062,159	6	0	6	1
Case 76	9	33,082,969	35,271,817	4	0	4	1
Case 76	9	35,289,544	46,944,322	1	1	2	0
Case 76	9	65,629,772	141,066,491	1	1	2	0
Case 76	10	98,087	5,009,449	2	0	2	1
Case 76	10	5,011,460	5,139,003	1	0	1	0
Case 76	10	5,139,626	39,097,912	2	0	2	1
Case 76	10	42,436,301	42,725,663	1	0	1	0
Case 76	10	42,778,779	52,479,421	2	0	2	1
Case 76	10	52,484,993	52,751,177	3	0	3	1
Case 76	10	52,752,634	92,867,818	2	0	2	1
Case 76	10	92,869,911	92,927,267	3	0	3	1
Case 76	10	92,934,593	126,743,512	2	0	2	1
Case 76	10	126,746,869	126,798,920	1	0	1	0
Case 76	10	126,800,342	132,126,118	2	2	4	0
Case 76	10	132,126,298	135,477,883	2	1	3	0
Case 76	11	193,146	16,615,280	2	0	2	1
Case 76	11	16,634,707	16,853,714	2	1	3	0
Case 76	11	16,858,229	48,066,048	2	0	2	1
Case 76	11	48,085,189	49,257,082	2	1	3	0
Case 76	11	49,280,857	51,591,253	2	0	2	1
Case 76	11	54,794,237	98,941,872	2	0	2	1
Case 76	11	98,949,898	99,459,308	1	0	1	0
Case 76	11	99,460,840	134,934,063	2	0	2	1
Case 76	12	191,619	25,314,094	2	0	2	1
Case 76	12	25,339,843	25,736,929	3	2	5	0
Case 76	12	25,736,990	27,182,769	4	1	5	0
Case 76	12	27,199,180	30,253,766	3	2	5	0
Case 76	12	30,258,048	31,201,717	4	1	5	0
Case 76	12	31,219,161	32,310,847	6	1	7	0
Case 76	12	32,318,653	32,468,481	7	0	7	1
Case 76	12	32,472,514	32,713,919	6	1	7	0
Case 76	12	32,719,928	34,853,011	2	1	3	0
Case 76	12	37,876,400	61,885,106	2	1	3	0
Case 76	12	61,886,175	99,693,251	2	0	2	1

Case 76	12	99,703,812	100,063,310	1	0	1	0
Case 76	12	100,073,472	104,720,179	2	0	2	1
Case 76	12	104,730,846	125,669,216	2	1	3	0
Case 76	12	125,681,761	125,797,855	2	0	2	1
Case 76	12	125,801,751	133,810,935	2	1	3	0
Case 76	13	19,058,717	41,004,833	3	2	5	0
Case 76	13	41,006,763	41,340,992	2	2	4	0
Case 76	13	41,341,137	42,838,908	3	2	5	0
Case 76	13	42,847,434	51,245,376	2	0	2	1
Case 76	13	51,247,210	82,983,494	3	2	5	0
Case 76	13	82,986,268	95,731,736	4	0	4	1
Case 76	13	95,731,768	115,103,529	3	0	3	1
Case 76	14	19,280,733	23,395,991	2	1	3	0
Case 76	14	23,397,336	53,162,133	1	1	2	0
Case 76	14	53,168,000	53,224,593	2	1	3	0
Case 76	14	53,235,651	107,287,663	1	1	2	0
Case 76	15	20,034,919	81,178,263	2	0	2	1
Case 76	15	81,179,553	94,205,530	5	0	5	1
Case 76	15	94,211,856	98,903,587	6	0	6	1
Case 76	15	98,903,655	102,461,162	5	0	5	1
Case 76	16	88,165	6,523,142	2	0	2	1
Case 76	16	6,523,482	6,581,321	1	0	1	0
Case 76	16	6,581,335	8,513,277	2	0	2	1
Case 76	16	8,515,905	9,433,864	2	1	3	0
Case 76	16	9,434,959	10,322,037	2	0	2	1
Case 76	16	10,324,147	12,848,389	2	1	3	0
Case 76	16	12,850,671	13,897,364	2	0	2	1
Case 76	16	13,897,896	14,395,158	2	1	3	0
Case 76	16	14,395,432	15,501,701	2	0	2	1
Case 76	16	15,512,575	17,843,026	2	1	3	0
Case 76	16	17,845,571	35,285,582	2	0	2	1
Case 76	16	46,450,037	68,690,591	2	1	3	0
Case 76	16	68,698,461	90,274,695	2	0	2	1
Case 76	17	11,885	11,597,310	2	0	2	1
Case 76	17	11,599,798	12,048,276	1	0	1	0
Case 76	17	12,049,697	22,242,355	2	0	2	1
Case 76	17	25,268,142	25,346,692	2	0	2	1
Case 76	17	25,350,029	40,656,043	2	1	3	0
Case 76	17	40,658,657	40,761,279	1	1	2	0
Case 76	17	40,763,386	48,042,856	2	1	3	0
Case 76	17	48,045,438	48,149,445	3	1	4	0
Case 76	17	48,149,503	51,975,256	2	1	3	0
Case 76	17	51,976,462	52,679,090	2	0	2	1
Case 76	17	52,697,573	67,109,662	2	1	3	0
Case 76	17	67,109,673	67,161,107	1	0	1	0
Case 76	17	67,169,500	70,454,391	2	1	3	0
Case 76	17	70,460,351	70,533,218	1	1	2	0
Case 76	17	70,534,472	81,060,040	2	1	3	0
Case 76	18	87,505	1,159,778	2	0	2	1
Case 76	18	1,167,872	1,635,748	3	0	3	1
Case 76	18	1,636,726	3,171,473	4	0	4	1
Case 76	18	3,173,950	3,316,176	2	0	2	1
Case 76	18	3,319,380	3,839,680	1	0	1	0
Case 76	18	3,839,896	6,371,311	2	0	2	1
Case 76	18	6,376,918	6,468,735	4	0	4	1
Case 76	18	6,474,496	6,662,650	3	0	3	1
Case 76	18	6,666,204	7,697,053	4	0	4	1
Case 76	18	7,704,830	8,386,122	2	0	2	1
Case 76	18	8,387,195	8,620,323	1	0	1	0
Case 76	18	8,621,430	9,006,277	2	0	2	1
Case 76	18	9,009,311	9,107,815	2	2	4	0

Case 76	18	9,109,484	15,375,878	2	1	3	0
Case 76	18	18,520,354	19,954,143	2	1	3	0
Case 76	18	19,984,669	20,799,961	3	2	5	0
Case 76	18	20,814,418	21,037,808	2	1	3	0
Case 76	18	21,041,225	22,653,562	3	1	4	0
Case 76	18	22,656,876	22,860,846	2	2	4	0
Case 76	18	22,861,794	22,994,310	2	1	3	0
Case 76	18	23,000,716	23,421,693	2	0	2	1
Case 76	18	23,423,078	23,459,792	2	1	3	0
Case 76	18	23,463,097	23,716,903	2	0	2	1
Case 76	18	23,724,560	24,462,611	2	1	3	0
Case 76	18	24,471,991	24,509,467	2	0	2	1
Case 76	18	24,509,993	25,016,255	2	1	3	0
Case 76	18	25,023,637	25,978,719	2	0	2	1
Case 76	18	26,010,927	28,734,765	2	2	4	0
Case 76	18	28,737,160	28,828,139	2	1	3	0
Case 76	18	28,832,838	29,426,774	2	2	4	0
Case 76	18	29,429,596	33,145,747	3	2	5	0
Case 76	18	33,152,621	33,625,370	2	2	4	0
Case 76	18	33,635,683	34,220,737	3	1	4	0
Case 76	18	34,223,566	34,310,709	3	2	5	0
Case 76	18	34,311,643	35,534,040	2	1	3	0
Case 76	18	35,535,315	42,741,032	2	2	4	0
Case 76	18	42,741,986	45,155,501	2	1	3	0
Case 76	18	45,157,181	46,298,707	3	1	4	0
Case 76	18	46,303,400	46,770,186	2	2	4	0
Case 76	18	46,786,058	47,243,912	3	1	4	0
Case 76	18	47,249,297	47,638,056	2	1	3	0
Case 76	18	47,638,496	47,992,400	3	1	4	0
Case 76	18	47,993,844	48,218,823	2	1	3	0
Case 76	18	48,220,529	78,015,180	2	0	2	1
Case 76	19	260,912	441,243	0	0	0	0
Case 76	19	446,887	21,393,187	2	0	2	1
Case 76	19	21,419,141	24,629,285	2	1	3	0
Case 76	19	27,732,159	40,199,948	2	1	3	0
Case 76	19	40,217,794	40,237,360	1	1	2	0
Case 76	19	40,240,034	58,194,388	2	1	3	0
Case 76	19	58,194,405	59,097,160	2	2	4	0
Case 76	20	63,244	5,727,600	2	1	3	0
Case 76	20	5,728,237	5,890,360	5	0	5	1
Case 76	20	5,892,853	5,904,558	4	0	4	1
Case 76	20	5,905,779	6,736,189	5	0	5	1
Case 76	20	6,736,901	8,238,806	6	0	6	1
Case 76	20	8,247,326	14,620,991	5	0	5	1
Case 76	20	14,630,445	14,714,457	5	1	6	0
Case 76	20	14,719,049	14,847,907	4	1	5	0
Case 76	20	14,853,050	15,135,938	1	0	1	0
Case 76	20	15,139,048	15,404,445	4	1	5	0
Case 76	20	15,406,124	15,654,842	5	1	6	0
Case 76	20	15,655,604	16,009,257	4	1	5	0
Case 76	20	16,014,926	22,963,855	5	0	5	1
Case 76	20	22,964,954	26,293,985	4	0	4	1
Case 76	20	29,425,357	37,873,813	4	0	4	1
Case 76	20	37,876,772	47,801,157	5	0	5	1
Case 76	20	47,806,334	50,546,891	4	0	4	1
Case 76	20	50,548,297	51,645,136	5	0	5	1
Case 76	20	51,646,799	52,814,510	4	0	4	1
Case 76	20	52,815,780	54,489,899	5	1	6	0
Case 76	20	54,490,006	62,948,788	4	0	4	1
Case 76	21	10,827,533	10,971,337	1	1	2	0
Case 76	21	14,368,320	32,972,257	1	1	2	0



Case 76	21	32,975,321	33,078,925	1	0	1	0
Case 76	21	33,080,313	47,954,567	1	1	2	0
Case 76	21	47,954,727	48,100,155	2	0	2	1
Case 76	22	16,114,244	34,152,899	3	0	3	1
Case 76	22	34,153,395	34,194,745	2	0	2	1
Case 76	22	34,196,626	34,212,294	3	0	3	1
Case 76	22	34,215,782	34,260,738	1	0	1	0
Case 76	22	34,263,325	42,274,287	3	0	3	1
Case 76	22	42,276,724	42,611,265	2	0	2	1
Case 76	22	42,612,297	47,032,086	3	0	3	1
Case 76	22	47,034,838	51,195,728	2	0	2	1
Case 76	X	2,700,157	6,995,417	2	0	2	1
Case 76	X	7,007,959	7,598,977	0	0	0	0
Case 76	X	7,685,262	22,969,544	2	0	2	1
Case 76	X	22,975,385	22,996,273	0	0	0	0
Case 76	X	22,996,902	58,488,110	2	0	2	1
Case 76	X	61,694,576	154,898,561	2	0	2	1
Case 77	1	82,154	6,411,024	2	1	3	0
Case 77	1	6,414,084	6,578,685	2	2	4	0
Case 77	1	6,579,607	87,085,266	2	1	3	0
Case 77	1	87,098,109	87,259,306	4	1	5	0
Case 77	1	87,277,974	121,346,616	2	1	3	0
Case 77	1	142,649,718	182,973,024	3	1	4	0
Case 77	1	182,973,491	183,404,466	2	1	3	0
Case 77	1	183,415,318	183,559,704	1	1	2	0
Case 77	1	183,561,560	204,438,643	2	1	3	0
Case 77	1	204,438,708	226,292,385	2	0	2	1
Case 77	1	226,292,585	234,909,298	2	1	3	0
Case 77	1	234,956,342	235,072,837	4	1	5	0
Case 77	1	235,075,929	249,218,992	2	1	3	0
Case 77	2	18,674	42,165,462	2	1	3	0
Case 77	2	42,171,309	42,373,747	4	1	5	0
Case 77	2	42,398,473	58,765,789	3	1	4	0
Case 77	2	58,767,826	92,081,640	2	1	3	0
Case 77	2	95,429,424	169,498,986	2	1	3	0
Case 77	2	169,501,848	173,121,662	1	1	2	0
Case 77	2	173,124,183	173,338,939	2	1	3	0
Case 77	2	173,339,808	242,738,488	1	1	2	0
Case 77	2	242,741,222	242,873,800	2	1	3	0
Case 77	2	242,917,734	243,048,760	1	1	2	0
Case 77	3	61,495	22,037,999	2	1	3	0
Case 77	3	22,038,439	59,789,058	1	1	2	0
Case 77	3	59,789,614	60,040,105	1	0	1	0
Case 77	3	60,047,076	64,069,310	1	1	2	0
Case 77	3	64,072,378	64,287,248	1	0	1	0
Case 77	3	64,289,354	90,442,925	1	1	2	0
Case 77	3	93,537,290	143,405,698	1	1	2	0
Case 77	3	143,409,272	143,422,775	1	0	1	0
Case 77	3	143,427,040	167,208,012	1	1	2	0
Case 77	3	167,212,340	172,701,596	2	1	3	0
Case 77	3	172,712,890	185,643,454	1	1	2	0
Case 77	3	185,652,184	190,671,328	2	1	3	0
Case 77	3	190,682,313	193,444,413	1	1	2	0
Case 77	3	193,449,406	193,801,183	2	1	3	0
Case 77	3	193,806,588	197,838,262	1	1	2	0
Case 77	4	71,566	25,750,135	2	0	2	1
Case 77	4	25,750,145	25,771,973	1	0	1	0
Case 77	4	25,772,477	49,620,898	2	0	2	1
Case 77	4	52,697,856	94,727,622	2	0	2	1
Case 77	4	94,729,848	94,739,787	3	1	4	0
Case 77	4	94,741,522	190,963,766	2	0	2	1

Case 77	5	38,139	30,393,124	3	0	3	1
Case 77	5	30,395,852	30,536,972	4	0	4	1
Case 77	5	30,552,961	45,755,115	3	0	3	1
Case 77	5	45,757,305	46,399,093	1	0	1	0
Case 77	5	49,457,282	49,597,497	1	0	1	0
Case 77	5	49,614,318	70,704,077	2	0	2	1
Case 77	5	70,709,459	73,048,932	3	0	3	1
Case 77	5	73,052,741	73,153,979	1	0	1	0
Case 77	5	73,159,098	95,548,515	3	0	3	1
Case 77	5	95,554,891	95,965,857	5	0	5	1
Case 77	5	95,969,322	165,798,321	3	0	3	1
Case 77	5	165,800,113	165,844,724	2	0	2	1
Case 77	5	165,847,422	176,691,279	3	0	3	1
Case 77	5	176,700,885	176,886,119	5	0	5	1
Case 77	5	176,886,179	180,693,127	3	0	3	1
Case 77	6	108,666	1,760,556	3	0	3	1
Case 77	6	1,763,561	2,190,846	2	0	2	1
Case 77	6	2,199,634	6,882,117	3	0	3	1
Case 77	6	6,883,618	7,920,904	2	2	4	0
Case 77	6	7,924,658	10,179,366	3	2	5	0
Case 77	6	10,179,707	12,173,922	2	2	4	0
Case 77	6	12,174,132	12,709,009	3	2	5	0
Case 77	6	12,712,516	13,870,749	3	1	4	0
Case 77	6	13,877,123	32,569,687	2	1	3	0
Case 77	6	32,570,839	32,602,269	3	1	4	0
Case 77	6	32,602,482	58,752,089	2	1	3	0
Case 77	6	61,891,118	62,249,159	2	1	3	0
Case 77	6	62,272,667	91,682,316	3	1	4	0
Case 77	6	91,683,972	91,714,276	1	0	1	0
Case 77	6	91,717,296	101,594,795	3	1	4	0
Case 77	6	101,598,363	111,214,240	2	1	3	0
Case 77	6	111,219,973	111,324,495	1	1	2	0
Case 77	6	111,335,687	125,107,056	2	1	3	0
Case 77	6	125,108,969	132,603,042	3	1	4	0
Case 77	6	132,611,762	147,819,598	2	1	3	0
Case 77	6	147,822,074	147,968,492	2	0	2	1
Case 77	6	147,971,574	170,980,171	2	1	3	0
Case 77	7	44,935	10,368,887	2	1	3	0
Case 77	7	10,383,334	37,626,839	2	0	2	1
Case 77	7	37,663,495	38,297,145	2	1	3	0
Case 77	7	38,298,285	38,358,412	3	2	5	0
Case 77	7	38,358,956	57,878,853	2	1	3	0
Case 77	7	57,882,950	58,019,061	1	0	1	0
Case 77	7	61,056,053	62,479,327	1	0	1	0
Case 77	7	62,510,311	103,207,234	2	1	3	0
Case 77	7	103,209,028	103,549,724	3	1	4	0
Case 77	7	103,555,270	159,119,486	2	1	3	0
Case 77	8	164,984	16,336,416	2	0	2	1
Case 77	8	16,337,635	29,250,546	1	0	1	0
Case 77	8	29,253,667	29,451,488	3	0	3	1
Case 77	8	29,453,239	40,831,222	1	0	1	0
Case 77	8	40,831,294	43,791,691	2	0	2	1
Case 77	8	46,886,735	46,886,735	2	0	2	1
Case 77	8	46,942,842	51,780,761	5	0	5	1
Case 77	8	51,785,729	60,042,160	4	0	4	1
Case 77	8	60,046,126	70,981,311	3	0	3	1
Case 77	8	70,981,442	75,494,355	4	0	4	1
Case 77	8	75,513,134	75,584,319	7	0	7	1
Case 77	8	75,599,357	127,822,685	4	0	4	1
Case 77	8	127,827,431	128,340,908	6	0	6	1
Case 77	8	128,341,680	128,356,226	9	0	9	1

Case 77	8	128,364,973	146,293,414	5	0	5	1
Case 77	9	46,587	33,192,940	2	2	4	0
Case 77	9	33,193,935	33,218,297	4	2	6	0
Case 77	9	33,218,668	33,313,696	3	2	5	0
Case 77	9	33,318,728	46,944,322	2	2	4	0
Case 77	9	65,629,772	71,253,821	3	1	4	0
Case 77	9	71,253,918	90,067,655	4	0	4	1
Case 77	9	90,068,509	90,835,589	3	0	3	1
Case 77	9	90,835,726	116,704,466	4	0	4	1
Case 77	9	116,708,823	128,083,731	3	0	3	1
Case 77	9	128,086,101	132,597,021	2	0	2	1
Case 77	9	132,601,229	139,522,101	4	0	4	1
Case 77	9	139,526,086	140,587,156	5	0	5	1
Case 77	9	140,601,645	141,066,491	4	0	4	1
Case 77	10	98,087	5,751,644	2	2	4	0
Case 77	10	5,759,801	7,412,879	2	1	3	0
Case 77	10	7,415,774	21,414,816	2	2	4	0
Case 77	10	21,414,892	21,568,947	3	2	5	0
Case 77	10	21,569,443	24,207,529	2	2	4	0
Case 77	10	24,215,163	37,084,210	2	1	3	0
Case 77	10	37,093,820	39,097,912	2	2	4	0
Case 77	10	42,436,301	60,961,915	2	2	4	0
Case 77	10	60,966,706	62,664,755	5	1	6	0
Case 77	10	62,665,460	63,648,027	4	2	6	0
Case 77	10	63,649,483	67,488,312	4	0	4	1
Case 77	10	67,495,478	67,898,109	8	0	8	1
Case 77	10	67,899,266	75,937,554	5	0	5	1
Case 77	10	75,940,906	76,481,311	6	0	6	1
Case 77	10	76,498,150	84,099,660	5	0	5	1
Case 77	10	84,100,509	85,074,636	6	0	6	1
Case 77	10	85,085,640	91,181,853	1	0	1	0
Case 77	10	91,185,696	97,266,538	2	1	3	0
Case 77	10	97,266,574	97,487,362	2	2	4	0
Case 77	10	97,496,989	135,477,883	2	1	3	0
Case 77	11	193,146	26,070,407	2	0	2	1
Case 77	11	26,079,373	28,549,266	2	1	3	0
Case 77	11	28,575,986	30,613,825	2	2	4	0
Case 77	11	30,618,816	31,793,051	5	2	7	0
Case 77	11	31,796,560	32,249,249	9	1	10	0
Case 77	11	32,251,787	34,456,188	11	0	11	1
Case 77	11	34,457,654	34,490,385	16	0	16	1
Case 77	11	34,490,537	36,041,260	12	0	12	1
Case 77	11	36,041,753	36,983,798	10	0	10	1
Case 77	11	36,985,037	37,205,935	14	0	14	1
Case 77	11	37,217,499	39,410,325	10	1	11	0
Case 77	11	39,424,358	39,916,430	7	1	8	0
Case 77	11	39,924,543	41,280,710	5	1	6	0
Case 77	11	41,284,958	42,246,718	7	1	8	0
Case 77	11	42,247,461	43,689,610	4	1	5	0
Case 77	11	43,694,016	44,375,944	6	1	7	0
Case 77	11	44,378,010	45,401,413	8	1	9	0
Case 77	11	45,403,404	45,706,162	6	1	7	0
Case 77	11	45,706,453	48,556,387	4	1	5	0
Case 77	11	48,558,249	49,325,425	5	2	7	0
Case 77	11	49,357,043	50,008,258	2	2	4	0
Case 77	11	50,057,854	50,345,592	4	2	6	0
Case 77	11	50,349,310	50,697,498	7	2	9	0
Case 77	11	51,095,992	51,591,253	3	1	4	0
Case 77	11	54,794,237	55,685,767	2	1	3	0
Case 77	11	55,686,109	125,836,330	2	0	2	1
Case 77	11	125,839,764	127,232,888	2	1	3	0

Case 77	11	127,241,251	134,934,063	2	0	2	1
Case 77	12	191,619	4,139,900	2	2	4	0
Case 77	12	4,141,091	21,064,348	2	0	2	1
Case 77	12	21,068,337	30,404,634	2	2	4	0
Case 77	12	30,407,028	34,853,011	2	1	3	0
Case 77	12	37,876,400	38,457,549	2	1	3	0
Case 77	12	38,472,919	43,521,414	2	2	4	0
Case 77	12	43,526,472	55,732,963	2	0	2	1
Case 77	12	55,737,318	61,905,997	2	1	3	0
Case 77	12	61,906,480	67,213,725	2	2	4	0
Case 77	12	67,215,122	85,995,733	2	0	2	1
Case 77	12	85,998,475	86,198,535	2	2	4	0
Case 77	12	86,198,731	94,471,246	2	1	3	0
Case 77	12	94,475,767	94,500,590	3	1	4	0
Case 77	12	94,502,584	97,175,658	2	1	3	0
Case 77	12	97,186,242	97,529,985	1	0	1	0
Case 77	12	97,538,337	101,843,240	2	1	3	0
Case 77	12	101,846,299	102,119,978	2	2	4	0
Case 77	12	102,120,099	133,810,935	2	1	3	0
Case 77	13	19,058,717	23,416,203	2	1	3	0
Case 77	13	23,422,753	34,425,976	2	2	4	0
Case 77	13	34,438,786	37,102,756	3	2	5	0
Case 77	13	37,104,855	48,987,032	2	1	3	0
Case 77	13	48,992,810	53,536,175	2	0	2	1
Case 77	13	53,537,171	53,677,679	5	0	5	1
Case 77	13	53,684,255	58,103,071	3	0	3	1
Case 77	13	58,125,284	58,675,299	3	1	4	0
Case 77	13	58,688,382	62,961,324	3	0	3	1
Case 77	13	62,972,766	73,647,360	3	1	4	0
Case 77	13	73,649,333	74,001,257	3	2	5	0
Case 77	13	74,010,099	112,603,700	3	1	4	0
Case 77	13	112,604,790	112,654,779	4	1	5	0
Case 77	13	112,656,719	115,103,529	3	1	4	0
Case 77	14	19,280,733	22,429,647	3	0	3	1
Case 77	14	22,433,866	23,006,908	4	0	4	1
Case 77	14	23,009,999	48,400,975	3	0	3	1
Case 77	14	48,413,039	48,578,411	7	1	8	0
Case 77	14	48,580,527	107,287,663	3	0	3	1
Case 77	15	20,034,919	35,509,148	2	0	2	1
Case 77	15	35,516,110	35,751,871	1	0	1	0
Case 77	15	35,757,960	91,345,348	2	0	2	1
Case 77	15	91,346,789	91,496,908	4	0	4	1
Case 77	15	91,498,246	102,461,162	2	0	2	1
Case 77	16	88,165	5,437,297	2	0	2	1
Case 77	16	5,440,759	5,887,312	3	0	3	1
Case 77	16	5,890,175	10,975,311	2	0	2	1
Case 77	16	10,979,440	11,000,866	1	0	1	0
Case 77	16	11,000,940	29,412,503	2	0	2	1
Case 77	16	29,595,483	31,545,618	4	0	4	1
Case 77	16	31,563,658	35,285,582	2	0	2	1
Case 77	16	46,450,037	66,480,429	3	0	3	1
Case 77	16	66,483,806	90,274,695	2	0	2	1
Case 77	17	11,885	4,067,552	2	0	2	1
Case 77	17	4,069,735	4,113,150	1	0	1	0
Case 77	17	4,120,380	6,857,535	2	0	2	1
Case 77	17	6,858,240	6,889,557	1	0	1	0
Case 77	17	6,898,897	21,528,062	2	0	2	1
Case 77	17	21,539,613	22,242,355	2	2	4	0
Case 77	17	25,268,142	29,421,200	2	2	4	0
Case 77	17	29,421,869	34,436,532	2	1	3	0
Case 77	17	34,436,708	34,466,631	4	2	6	0

Case 77	17	34,468,886	63,563,281	2	1	3	0
Case 77	17	63,564,505	63,822,357	2	2	4	0
Case 77	17	63,841,571	81,060,040	2	1	3	0
Case 77	18	87,505	14,253,537	3	0	3	1
Case 77	18	14,265,834	15,375,878	2	0	2	1
Case 77	18	18,520,354	28,683,238	2	0	2	1
Case 77	18	28,689,144	55,464,523	3	0	3	1
Case 77	18	55,466,596	55,732,192	5	0	5	1
Case 77	18	55,740,404	68,459,549	3	0	3	1
Case 77	18	68,460,065	78,015,180	2	0	2	1
Case 77	19	260,912	998,126	2	1	3	0
Case 77	19	1,002,847	1,990,174	2	0	2	1
Case 77	19	1,990,769	2,050,823	3	0	3	1
Case 77	19	2,057,907	10,416,617	2	0	2	1
Case 77	19	10,419,130	18,450,713	2	1	3	0
Case 77	19	18,453,124	18,517,767	1	0	1	0
Case 77	19	18,533,642	24,629,285	2	1	3	0
Case 77	19	27,732,159	28,991,292	2	1	3	0
Case 77	19	28,993,359	35,923,858	2	2	4	0
Case 77	19	35,926,220	38,138,887	2	1	3	0
Case 77	19	38,139,488	38,525,798	2	2	4	0
Case 77	19	38,539,988	41,319,116	2	1	3	0
Case 77	19	41,324,684	41,382,476	0	0	0	0
Case 77	19	41,383,115	45,043,644	2	2	4	0
Case 77	19	45,046,352	45,097,027	3	2	5	0
Case 77	19	45,098,425	51,263,296	2	1	3	0
Case 77	19	51,263,432	52,434,706	2	2	4	0
Case 77	19	52,437,588	53,481,147	2	1	3	0
Case 77	19	53,482,629	53,505,812	3	2	5	0
Case 77	19	53,505,860	59,097,160	2	1	3	0
Case 77	20	63,244	6,134,885	4	0	4	1
Case 77	20	6,137,310	14,807,599	4	1	5	0
Case 77	20	14,814,090	15,083,626	1	0	1	0
Case 77	20	15,085,205	15,160,752	2	1	3	0
Case 77	20	15,161,670	22,249,187	3	1	4	0
Case 77	20	22,252,275	23,016,706	4	1	5	0
Case 77	20	23,016,757	26,293,985	3	1	4	0
Case 77	20	29,425,357	50,040,086	3	1	4	0
Case 77	20	50,040,870	50,153,344	4	0	4	1
Case 77	20	50,155,124	53,393,214	3	1	4	0
Case 77	20	53,396,897	56,453,291	1	1	2	0
Case 77	20	56,460,394	60,928,231	3	1	4	0
Case 77	20	60,928,304	61,019,224	4	0	4	1
Case 77	20	61,024,062	62,948,788	3	1	4	0
Case 77	21	10,827,533	10,971,337	2	1	3	0
Case 77	21	14,368,320	48,100,155	2	1	3	0
Case 77	22	16,114,244	51,195,728	2	0	2	1
Case 77	X	2,700,157	58,488,110	1	0	1	0
Case 77	X	61,694,576	154,898,561	1	0	1	0
Case 78	1	82,154	121,346,616	1	1	2	0
Case 78	1	142,649,718	249,218,992	1	1	2	0
Case 78	2	18,674	92,081,640	1	1	2	0
Case 78	2	95,429,424	243,048,760	1	1	2	0
Case 78	3	61,495	90,442,925	1	1	2	0
Case 78	3	93,537,290	197,838,262	1	1	2	0
Case 78	4	71,566	49,620,898	1	1	2	0
Case 78	4	52,697,856	190,963,766	1	1	2	0
Case 78	5	38,139	46,399,093	1	1	2	0
Case 78	5	49,457,282	180,693,127	1	1	2	0
Case 78	6	108,666	58,752,089	1	1	2	0
Case 78	6	61,891,118	170,980,171	1	1	2	0

Case 78	7	44,935	58,019,061	1	1	2	0
Case 78	7	61,056,053	159,119,486	1	1	2	0
Case 78	8	164,984	43,791,691	1	1	2	0
Case 78	8	46,886,735	146,293,414	1	1	2	0
Case 78	9	46,587	46,944,322	1	1	2	0
Case 78	9	65,629,772	141,066,491	1	1	2	0
Case 78	10	98,087	39,097,912	1	1	2	0
Case 78	10	42,436,301	135,477,883	1	1	2	0
Case 78	11	193,146	51,591,253	1	1	2	0
Case 78	11	54,794,237	134,934,063	1	1	2	0
Case 78	12	191,619	34,853,011	1	1	2	0
Case 78	12	37,876,400	133,810,935	1	1	2	0
Case 78	13	19,058,717	115,103,529	1	1	2	0
Case 78	14	19,280,733	107,287,663	1	1	2	0
Case 78	15	20,034,919	102,461,162	1	1	2	0
Case 78	16	88,165	35,285,582	1	1	2	0
Case 78	16	46,450,037	90,274,695	1	1	2	0
Case 78	17	11,885	22,242,355	1	1	2	0
Case 78	17	25,268,142	36,509,256	1	1	2	0
Case 78	17	36,516,801	38,245,791	2	1	3	0
Case 78	17	38,248,354	81,060,040	1	1	2	0
Case 78	18	87,505	15,375,878	1	1	2	0
Case 78	18	18,520,354	78,015,180	1	1	2	0
Case 78	19	260,912	24,629,285	1	1	2	0
Case 78	19	27,732,159	59,097,160	1	1	2	0
Case 78	20	63,244	26,293,985	1	1	2	0
Case 78	20	29,425,357	62,948,788	1	1	2	0
Case 78	21	10,827,533	10,971,337	1	1	2	0
Case 78	21	14,368,320	48,100,155	1	1	2	0
Case 78	22	16,114,244	51,195,728	1	1	2	0
Case 78	X	2,700,157	58,488,110	1	1	2	0
Case 78	X	61,694,576	154,898,561	1	1	2	0
Case 79	1	82,154	73,736,562	1	1	2	0
Case 79	1	73,742,019	73,927,488	2	1	3	0
Case 79	1	73,932,886	121,346,616	1	1	2	0
Case 79	1	142,649,718	249,218,992	1	1	2	0
Case 79	2	18,674	92,081,640	1	1	2	0
Case 79	2	95,429,424	243,048,760	1	1	2	0
Case 79	3	61,495	90,442,925	1	1	2	0
Case 79	3	93,537,290	197,838,262	1	1	2	0
Case 79	4	71,566	49,620,898	1	1	2	0
Case 79	4	52,697,856	190,963,766	1	1	2	0
Case 79	5	38,139	46,399,093	1	1	2	0
Case 79	5	49,457,282	180,693,127	1	1	2	0
Case 79	6	108,666	58,752,089	1	1	2	0
Case 79	6	61,891,118	170,980,171	1	1	2	0
Case 79	7	44,935	58,019,061	1	1	2	0
Case 79	7	61,056,053	159,119,486	1	1	2	0
Case 79	8	164,984	43,791,691	1	1	2	0
Case 79	8	46,886,735	146,293,414	1	1	2	0
Case 79	9	46,587	46,944,322	1	1	2	0
Case 79	9	65,629,772	141,066,491	1	1	2	0
Case 79	10	98,087	39,097,912	1	1	2	0
Case 79	10	42,436,301	135,477,883	1	1	2	0
Case 79	11	193,146	51,591,253	1	1	2	0
Case 79	11	54,794,237	134,934,063	1	1	2	0
Case 79	12	191,619	34,853,011	1	1	2	0
Case 79	12	37,876,400	133,810,935	1	1	2	0
Case 79	13	19,058,717	115,103,529	1	1	2	0
Case 79	14	19,280,733	107,287,663	1	1	2	0
Case 79	15	20,034,919	102,461,162	1	1	2	0

Case 79	16	88,165	35,285,582	1	1	2	0
Case 79	16	46,450,037	90,274,695	1	1	2	0
Case 79	17	11,885	22,242,355	1	1	2	0
Case 79	17	25,268,142	37,676,209	1	1	2	0
Case 79	17	37,682,375	38,074,518	2	1	3	0
Case 79	17	38,075,426	38,430,059	1	1	2	0
Case 79	17	38,443,493	38,671,228	2	1	3	0
Case 79	17	38,698,666	81,060,040	1	1	2	0
Case 79	18	87,505	15,375,878	1	1	2	0
Case 79	18	18,520,354	78,015,180	1	1	2	0
Case 79	19	260,912	24,629,285	1	1	2	0
Case 79	19	27,732,159	59,097,160	1	1	2	0
Case 79	20	63,244	26,293,985	1	1	2	0
Case 79	20	29,425,357	62,948,788	1	1	2	0
Case 79	21	10,827,533	10,971,337	1	1	2	0
Case 79	21	14,368,320	48,100,155	1	1	2	0
Case 79	22	16,114,244	51,195,728	1	1	2	0
Case 79	X	2,700,157	58,488,110	1	0	1	0
Case 79	X	61,694,576	154,898,561	1	0	1	0
Case 80	1	82,154	1,664,019	3	0	3	1
Case 80	1	1,664,124	4,010,743	2	0	2	1
Case 80	1	4,012,472	15,860,803	3	0	3	1
Case 80	1	15,865,604	19,809,758	2	0	2	1
Case 80	1	19,822,813	20,096,176	3	0	3	1
Case 80	1	20,096,220	20,402,767	4	0	4	1
Case 80	1	20,403,098	26,117,323	3	0	3	1
Case 80	1	26,118,299	36,095,055	2	0	2	1
Case 80	1	36,095,920	37,020,422	3	0	3	1
Case 80	1	37,021,076	38,059,416	2	0	2	1
Case 80	1	38,078,300	38,157,717	3	0	3	1
Case 80	1	38,157,844	53,751,610	2	0	2	1
Case 80	1	53,752,134	53,925,247	3	0	3	1
Case 80	1	53,926,037	59,832,762	2	0	2	1
Case 80	1	59,841,785	61,132,661	3	0	3	1
Case 80	1	61,133,462	61,359,395	2	0	2	1
Case 80	1	61,359,835	64,038,174	3	0	3	1
Case 80	1	64,046,766	95,958,467	2	0	2	1
Case 80	1	95,966,161	98,667,546	3	0	3	1
Case 80	1	98,669,164	110,538,926	2	0	2	1
Case 80	1	110,543,024	110,665,192	3	0	3	1
Case 80	1	110,671,320	116,970,461	2	0	2	1
Case 80	1	116,988,030	121,346,616	3	0	3	1
Case 80	1	142,649,718	151,763,246	3	0	3	1
Case 80	1	151,770,138	152,184,704	4	0	4	1
Case 80	1	152,184,950	155,257,018	3	0	3	1
Case 80	1	155,257,087	155,505,967	2	0	2	1
Case 80	1	155,508,882	162,334,100	3	0	3	1
Case 80	1	162,335,256	168,438,268	2	0	2	1
Case 80	1	168,443,178	169,363,203	3	0	3	1
Case 80	1	169,366,494	192,900,182	2	0	2	1
Case 80	1	192,902,415	193,181,196	1	0	1	0
Case 80	1	193,193,597	201,125,326	2	0	2	1
Case 80	1	201,133,774	201,692,871	3	0	3	1
Case 80	1	201,699,395	201,983,242	2	0	2	1
Case 80	1	201,986,418	202,197,082	3	0	3	1
Case 80	1	202,197,161	206,973,239	2	0	2	1
Case 80	1	206,973,715	207,220,800	4	0	4	1
Case 80	1	207,221,612	225,776,831	2	0	2	1
Case 80	1	225,792,814	226,053,660	3	0	3	1
Case 80	1	226,054,333	226,292,585	2	0	2	1
Case 80	1	226,300,488	226,567,298	3	0	3	1

Case 80	1	226,567,661	234,909,298	2	0	2	1
Case 80	1	234,956,342	235,523,555	3	0	3	1
Case 80	1	235,525,253	249,218,992	2	0	2	1
Case 80	2	18,674	6,555,933	1	1	2	0
Case 80	2	6,561,446	6,593,923	2	1	3	0
Case 80	2	6,594,973	9,914,751	1	1	2	0
Case 80	2	9,922,283	10,126,416	2	1	3	0
Case 80	2	10,131,122	10,330,025	1	1	2	0
Case 80	2	10,332,539	10,698,364	2	1	3	0
Case 80	2	10,709,816	16,121,864	1	1	2	0
Case 80	2	16,123,173	16,470,093	2	1	3	0
Case 80	2	16,493,067	17,973,438	1	1	2	0
Case 80	2	17,975,091	18,260,937	2	1	3	0
Case 80	2	18,265,521	18,609,404	3	1	4	0
Case 80	2	18,610,429	19,184,369	2	1	3	0
Case 80	2	19,184,996	20,333,711	3	1	4	0
Case 80	2	20,334,723	28,046,028	2	1	3	0
Case 80	2	28,050,468	35,130,378	1	1	2	0
Case 80	2	35,138,450	35,485,633	2	1	3	0
Case 80	2	35,503,280	36,123,261	1	1	2	0
Case 80	2	36,123,717	41,559,590	2	1	3	0
Case 80	2	41,623,189	42,214,495	2	2	4	0
Case 80	2	42,227,952	43,091,550	2	1	3	0
Case 80	2	43,093,767	43,321,742	3	1	4	0
Case 80	2	43,330,109	47,426,010	2	1	3	0
Case 80	2	47,431,143	47,641,430	3	1	4	0
Case 80	2	47,643,457	64,474,069	2	1	3	0
Case 80	2	64,479,060	64,723,091	3	1	4	0
Case 80	2	64,723,849	79,064,180	2	1	3	0
Case 80	2	79,069,569	79,255,377	3	1	4	0
Case 80	2	79,255,588	79,476,674	4	1	5	0
Case 80	2	79,478,859	79,632,347	3	1	4	0
Case 80	2	79,641,996	92,081,640	2	1	3	0
Case 80	2	95,429,424	96,483,411	2	1	3	0
Case 80	2	96,541,695	121,955,160	1	1	2	0
Case 80	2	121,957,702	122,084,428	2	1	3	0
Case 80	2	122,095,640	130,953,944	1	1	2	0
Case 80	2	130,982,377	131,558,850	2	1	3	0
Case 80	2	131,565,647	152,955,482	1	1	2	0
Case 80	2	152,955,805	173,316,523	2	1	3	0
Case 80	2	173,317,864	186,345,148	1	1	2	0
Case 80	2	186,387,129	187,273,144	2	1	3	0
Case 80	2	187,282,986	187,456,121	1	0	1	0
Case 80	2	187,462,581	187,521,260	0	0	0	0
Case 80	2	187,523,880	187,643,406	1	0	1	0
Case 80	2	187,644,547	209,131,494	1	1	2	0
Case 80	2	209,135,339	219,397,937	2	1	3	0
Case 80	2	219,409,308	220,698,125	1	1	2	0
Case 80	2	220,702,824	238,537,975	2	1	3	0
Case 80	2	238,538,597	243,048,760	1	1	2	0
Case 80	3	61,495	14,894,140	3	0	3	1
Case 80	3	14,894,449	15,810,605	4	0	4	1
Case 80	3	15,812,085	37,388,702	3	0	3	1
Case 80	3	37,396,678	37,716,880	2	0	2	1
Case 80	3	37,721,795	39,265,616	3	0	3	1
Case 80	3	39,267,352	53,783,341	2	0	2	1
Case 80	3	53,787,624	54,067,037	1	0	1	0
Case 80	3	54,068,119	60,333,449	2	0	2	1
Case 80	3	60,337,651	60,379,450	0	0	0	0
Case 80	3	60,382,023	60,908,013	2	0	2	1
Case 80	3	60,918,609	61,205,924	0	0	0	0



Case 80	3	61,211,945	85,661,265	2	0	2	1
Case 80	3	85,663,849	90,442,925	2	1	3	0
Case 80	3	93,537,290	109,178,758	2	1	3	0
Case 80	3	109,182,586	109,591,203	2	0	2	1
Case 80	3	109,604,806	174,486,282	2	1	3	0
Case 80	3	174,494,183	174,596,166	1	1	2	0
Case 80	3	174,608,936	174,757,260	1	0	1	0
Case 80	3	174,764,910	175,403,905	1	1	2	0
Case 80	3	175,410,177	178,007,676	2	1	3	0
Case 80	3	178,008,970	178,105,341	1	1	2	0
Case 80	3	178,107,949	197,838,262	2	1	3	0
Case 80	4	71,566	1,985,717	1	1	2	0
Case 80	4	1,985,774	2,307,466	1	0	1	0
Case 80	4	2,307,574	2,452,087	2	0	2	1
Case 80	4	2,458,078	19,576,975	1	1	2	0
Case 80	4	19,584,331	19,821,565	1	0	1	0
Case 80	4	19,827,258	37,208,370	1	1	2	0
Case 80	4	37,210,649	37,668,484	2	1	3	0
Case 80	4	37,675,941	37,962,104	1	1	2	0
Case 80	4	37,962,133	38,022,282	2	1	3	0
Case 80	4	38,023,294	38,413,846	3	1	4	0
Case 80	4	38,419,597	49,620,898	1	1	2	0
Case 80	4	52,697,856	74,736,144	1	1	2	0
Case 80	4	74,737,930	74,846,877	2	1	3	0
Case 80	4	74,847,598	91,806,782	1	1	2	0
Case 80	4	91,816,783	92,025,683	0	0	0	0
Case 80	4	92,028,168	152,992,266	1	1	2	0
Case 80	4	152,994,226	190,963,766	1	0	1	0
Case 80	5	38,139	488,590	1	1	2	0
Case 80	5	490,237	677,988	2	1	3	0
Case 80	5	685,504	3,131,474	1	1	2	0
Case 80	5	3,132,025	12,407,352	2	1	3	0
Case 80	5	12,437,894	12,778,499	1	1	2	0
Case 80	5	12,780,942	46,399,093	2	1	3	0
Case 80	5	49,457,282	58,271,696	2	1	3	0
Case 80	5	58,284,208	58,778,414	2	0	2	1
Case 80	5	58,782,840	59,655,640	0	0	0	0
Case 80	5	59,657,695	59,895,032	2	0	2	1
Case 80	5	59,926,911	77,461,466	2	1	3	0
Case 80	5	77,461,480	85,316,605	2	0	2	1
Case 80	5	85,321,761	85,411,181	3	0	3	1
Case 80	5	85,413,146	98,131,350	2	0	2	1
Case 80	5	98,131,505	98,537,121	3	0	3	1
Case 80	5	98,552,184	114,580,742	2	0	2	1
Case 80	5	114,588,898	114,989,990	4	0	4	1
Case 80	5	114,994,084	127,006,007	2	0	2	1
Case 80	5	127,031,523	127,350,549	3	0	3	1
Case 80	5	127,357,526	173,791,376	2	0	2	1
Case 80	5	173,793,906	174,052,037	4	0	4	1
Case 80	5	174,060,774	180,693,127	2	0	2	1
Case 80	6	108,666	1,997,212	3	0	3	1
Case 80	6	2,012,739	13,048,051	2	0	2	1
Case 80	6	13,055,406	13,332,467	0	0	0	0
Case 80	6	13,336,815	30,471,520	2	0	2	1
Case 80	6	30,475,415	32,110,267	3	0	3	1
Case 80	6	32,112,559	43,018,872	2	0	2	1
Case 80	6	43,018,909	44,413,736	3	0	3	1
Case 80	6	44,421,240	56,193,637	2	0	2	1
Case 80	6	56,202,104	56,417,095	3	0	3	1
Case 80	6	56,417,248	58,752,089	2	0	2	1
Case 80	6	61,891,118	89,740,625	2	0	2	1

Case 80	6	89,741,014	93,765,656	2	1	3	0
Case 80	6	93,781,036	98,962,591	3	1	4	0
Case 80	6	98,971,740	99,433,614	3	0	3	1
Case 80	6	99,437,566	101,296,420	3	1	4	0
Case 80	6	101,304,411	101,481,014	3	0	3	1
Case 80	6	101,482,379	101,927,338	2	1	3	0
Case 80	6	101,929,203	102,056,525	1	0	1	0
Case 80	6	102,058,891	108,175,173	3	1	4	0
Case 80	6	108,185,867	109,065,741	4	1	5	0
Case 80	6	109,066,761	118,482,339	3	1	4	0
Case 80	6	118,485,317	135,334,600	3	0	3	1
Case 80	6	135,349,756	138,007,530	3	1	4	0
Case 80	6	138,008,124	138,642,307	3	2	5	0
Case 80	6	138,644,833	151,126,585	3	1	4	0
Case 80	6	151,128,492	151,300,056	2	1	3	0
Case 80	6	151,301,256	154,025,836	3	1	4	0
Case 80	6	154,033,449	160,247,249	2	1	3	0
Case 80	6	160,248,090	160,469,475	3	1	4	0
Case 80	6	160,469,510	162,510,974	2	1	3	0
Case 80	6	162,511,254	162,614,973	1	0	1	0
Case 80	6	162,615,606	162,703,419	1	1	2	0
Case 80	6	162,709,948	170,980,171	2	1	3	0
Case 80	7	44,935	22,317,659	2	1	3	0
Case 80	7	22,322,898	22,524,201	3	1	4	0
Case 80	7	22,525,497	25,905,599	2	1	3	0
Case 80	7	25,908,210	26,191,698	3	1	4	0
Case 80	7	26,195,594	30,014,068	2	1	3	0
Case 80	7	30,044,128	30,446,814	1	1	2	0
Case 80	7	30,460,476	30,634,548	2	1	3	0
Case 80	7	30,634,764	30,717,043	1	1	2	0
Case 80	7	30,721,871	38,297,145	2	1	3	0
Case 80	7	38,298,285	38,367,259	3	1	4	0
Case 80	7	38,371,474	40,060,180	2	1	3	0
Case 80	7	40,062,866	40,155,624	2	0	2	1
Case 80	7	40,157,040	53,827,111	2	1	3	0
Case 80	7	53,836,224	54,523,070	2	2	4	0
Case 80	7	54,534,597	58,019,061	2	1	3	0
Case 80	7	61,056,053	73,152,033	2	1	3	0
Case 80	7	73,155,017	73,436,066	2	2	4	0
Case 80	7	73,443,132	89,880,949	2	1	3	0
Case 80	7	89,883,129	90,214,383	3	1	4	0
Case 80	7	90,216,277	94,926,585	2	1	3	0
Case 80	7	94,927,242	95,758,692	3	1	4	0
Case 80	7	95,761,141	102,470,275	1	1	2	0
Case 80	7	102,471,345	110,435,602	2	1	3	0
Case 80	7	110,439,912	110,562,681	1	0	1	0
Case 80	7	110,572,231	130,143,812	2	1	3	0
Case 80	7	130,145,589	131,126,531	3	1	4	0
Case 80	7	131,128,350	133,074,480	2	1	3	0
Case 80	7	133,091,171	133,774,841	1	0	1	0
Case 80	7	133,803,962	146,281,412	2	1	3	0
Case 80	7	146,292,088	146,642,350	2	0	2	1
Case 80	7	146,650,449	148,100,862	2	1	3	0
Case 80	7	148,103,405	159,119,486	1	1	2	0
Case 80	8	164,984	8,111,659	2	0	2	1
Case 80	8	8,114,228	8,429,687	1	0	1	0
Case 80	8	8,432,208	18,612,612	2	0	2	1
Case 80	8	18,618,427	18,666,286	1	0	1	0
Case 80	8	18,667,821	19,518,908	2	0	2	1
Case 80	8	19,529,575	19,590,800	3	0	3	1
Case 80	8	19,593,584	40,741,589	2	0	2	1

Case 80	8	40,756,407	43,791,691	2	1	3	0
Case 80	8	46,886,735	61,722,552	2	1	3	0
Case 80	8	61,726,879	61,805,324	1	1	2	0
Case 80	8	61,809,348	90,660,515	2	1	3	0
Case 80	8	90,662,941	91,064,635	1	1	2	0
Case 80	8	91,067,028	99,057,903	2	1	3	0
Case 80	8	99,088,251	99,203,508	1	1	2	0
Case 80	8	99,204,723	124,601,535	2	1	3	0
Case 80	8	124,604,759	124,663,857	1	1	2	0
Case 80	8	124,663,895	128,400,176	2	1	3	0
Case 80	8	128,401,772	128,519,957	2	2	4	0
Case 80	8	128,525,268	137,041,406	2	1	3	0
Case 80	8	137,042,133	137,142,227	1	1	2	0
Case 80	8	137,148,085	141,634,540	2	1	3	0
Case 80	8	141,642,392	145,286,483	1	1	2	0
Case 80	8	145,504,343	145,655,903	2	1	3	0
Case 80	8	145,657,827	146,293,414	1	1	2	0
Case 80	9	46,587	5,044,432	2	0	2	1
Case 80	9	5,044,458	5,467,955	3	0	3	1
Case 80	9	5,468,257	11,618,203	2	0	2	1
Case 80	9	11,645,495	12,185,185	1	0	1	0
Case 80	9	12,192,428	19,058,456	2	0	2	1
Case 80	9	19,058,733	19,258,183	3	0	3	1
Case 80	9	19,281,501	29,092,556	2	0	2	1
Case 80	9	29,112,301	29,501,683	1	0	1	0
Case 80	9	29,508,543	46,944,322	2	0	2	1
Case 80	9	65,629,772	79,188,714	2	0	2	1
Case 80	9	79,189,090	79,244,174	3	0	3	1
Case 80	9	79,251,229	95,860,415	2	0	2	1
Case 80	9	95,869,726	96,099,377	3	0	3	1
Case 80	9	96,117,149	103,919,670	2	0	2	1
Case 80	9	103,920,578	104,439,370	3	0	3	1
Case 80	9	104,443,319	114,846,751	2	0	2	1
Case 80	9	114,850,190	114,942,200	3	0	3	1
Case 80	9	114,960,138	126,753,312	2	0	2	1
Case 80	9	126,756,640	127,113,732	2	1	3	0
Case 80	9	127,114,489	135,845,035	2	0	2	1
Case 80	9	135,849,248	136,079,463	3	0	3	1
Case 80	9	136,080,272	141,066,491	2	0	2	1
Case 80	10	98,087	5,442,831	3	0	3	1
Case 80	10	5,442,851	5,869,839	4	0	4	1
Case 80	10	5,871,328	39,097,912	3	0	3	1
Case 80	10	42,436,301	102,391,740	2	0	2	1
Case 80	10	102,396,758	102,810,715	3	0	3	1
Case 80	10	102,820,392	112,555,409	2	0	2	1
Case 80	10	112,555,472	112,753,721	3	0	3	1
Case 80	10	112,763,385	123,954,614	2	0	2	1
Case 80	10	123,954,638	124,156,852	0	0	0	0
Case 80	10	124,158,293	135,477,883	2	0	2	1
Case 80	11	193,146	614,799	3	0	3	1
Case 80	11	616,865	2,101,692	2	0	2	1
Case 80	11	2,107,655	2,549,229	3	0	3	1
Case 80	11	2,550,730	26,818,083	2	0	2	1
Case 80	11	26,819,928	27,930,079	4	0	4	1
Case 80	11	27,932,280	34,190,423	2	0	2	1
Case 80	11	34,190,762	34,486,626	3	0	3	1
Case 80	11	34,487,729	51,591,253	2	0	2	1
Case 80	11	54,794,237	77,055,786	2	0	2	1
Case 80	11	77,069,746	77,498,768	3	0	3	1
Case 80	11	77,526,474	84,634,790	2	0	2	1
Case 80	11	84,636,486	85,379,051	1	0	1	0

Case 80	11	85,394,238	102,070,639	2	0	2	1
Case 80	11	102,076,653	102,378,193	4	0	4	1
Case 80	11	102,378,560	118,343,393	2	0	2	1
Case 80	11	118,343,684	118,579,747	3	0	3	1
Case 80	11	118,610,463	134,934,063	2	0	2	1
Case 80	12	191,619	7,987,761	1	1	2	0
Case 80	12	7,993,316	26,957,401	2	1	3	0
Case 80	12	26,958,323	27,070,642	3	1	4	0
Case 80	12	27,070,646	34,853,011	2	1	3	0
Case 80	12	37,876,400	52,057,660	2	1	3	0
Case 80	12	52,060,359	52,204,246	1	0	1	0
Case 80	12	52,211,617	52,859,985	2	1	3	0
Case 80	12	52,862,614	55,805,647	1	1	2	0
Case 80	12	55,815,369	100,137,417	2	1	3	0
Case 80	12	100,139,334	100,300,029	1	0	1	0
Case 80	12	100,302,473	106,593,535	2	1	3	0
Case 80	12	106,593,927	115,629,903	1	1	2	0
Case 80	12	115,634,875	133,237,641	2	1	3	0
Case 80	12	133,238,076	133,286,192	1	0	1	0
Case 80	12	133,286,894	133,810,935	2	1	3	0
Case 80	13	19,058,717	27,386,655	1	1	2	0
Case 80	13	27,387,857	27,456,852	3	1	4	0
Case 80	13	27,457,842	27,629,676	4	1	5	0
Case 80	13	27,629,806	31,083,678	1	1	2	0
Case 80	13	31,087,598	37,136,688	2	1	3	0
Case 80	13	37,136,909	44,514,180	1	1	2	0
Case 80	13	44,514,431	74,207,444	2	1	3	0
Case 80	13	74,213,538	95,262,116	2	0	2	1
Case 80	13	95,264,604	95,508,061	1	0	1	0
Case 80	13	95,513,006	96,415,910	2	0	2	1
Case 80	13	96,416,192	99,100,157	1	0	1	0
Case 80	13	99,100,474	99,378,664	2	0	2	1
Case 80	13	99,378,690	99,783,668	1	0	1	0
Case 80	13	99,787,021	105,022,220	2	0	2	1
Case 80	13	105,023,322	115,103,529	2	1	3	0
Case 80	14	19,280,733	22,859,482	2	0	2	1
Case 80	14	22,861,516	22,957,900	3	0	3	1
Case 80	14	22,959,592	61,884,022	2	0	2	1
Case 80	14	61,886,264	62,204,978	3	0	3	1
Case 80	14	62,207,557	64,936,106	2	0	2	1
Case 80	14	64,936,652	65,929,132	3	0	3	1
Case 80	14	65,941,547	95,462,477	2	0	2	1
Case 80	14	95,469,906	96,378,248	3	0	3	1
Case 80	14	96,379,833	107,287,663	2	0	2	1
Case 80	15	20,034,919	25,602,950	2	1	3	0
Case 80	15	25,616,494	25,803,609	1	1	2	0
Case 80	15	25,808,285	62,283,887	2	1	3	0
Case 80	15	62,300,870	62,514,596	2	2	4	0
Case 80	15	62,519,658	85,280,864	2	1	3	0
Case 80	15	85,287,372	85,575,676	2	2	4	0
Case 80	15	85,583,088	90,233,553	2	1	3	0
Case 80	15	90,234,005	91,108,674	3	1	4	0
Case 80	15	91,114,376	102,461,162	2	1	3	0
Case 80	16	88,165	2,766,531	1	0	1	0
Case 80	16	2,768,702	11,780,655	2	0	2	1
Case 80	16	11,781,582	12,040,511	3	0	3	1
Case 80	16	12,043,512	16,100,018	2	0	2	1
Case 80	16	16,100,513	16,155,103	0	0	0	0
Case 80	16	16,158,034	35,285,582	2	0	2	1
Case 80	16	46,450,037	50,600,877	2	0	2	1
Case 80	16	50,626,195	50,811,118	3	0	3	1

Case 80	16	50,815,188	78,190,218	2	0	2	1
Case 80	16	78,190,234	78,268,913	0	0	0	0
Case 80	16	78,270,078	89,805,074	2	0	2	1
Case 80	16	89,805,301	90,103,117	3	0	3	1
Case 80	16	90,103,659	90,274,695	2	0	2	1
Case 80	17	11,885	10,550,522	2	0	2	1
Case 80	17	10,553,937	10,781,802	3	0	3	1
Case 80	17	10,783,871	17,722,470	2	0	2	1
Case 80	17	17,722,503	18,108,496	3	0	3	1
Case 80	17	18,111,793	22,242,355	2	0	2	1
Case 80	17	25,268,142	25,749,688	2	0	2	1
Case 80	17	25,750,795	26,349,998	3	0	3	1
Case 80	17	26,367,840	55,759,115	2	0	2	1
Case 80	17	55,763,271	56,085,439	3	0	3	1
Case 80	17	56,085,465	73,571,030	2	0	2	1
Case 80	17	73,572,233	74,087,996	3	0	3	1
Case 80	17	74,089,311	78,054,102	2	0	2	1
Case 80	17	78,055,455	78,162,296	3	0	3	1
Case 80	17	78,162,327	80,004,928	2	0	2	1
Case 80	17	80,005,032	81,060,040	3	0	3	1
Case 80	18	87,505	3,534,608	3	0	3	1
Case 80	18	3,547,523	3,748,286	4	0	4	1
Case 80	18	3,768,254	15,375,878	3	0	3	1
Case 80	18	18,520,354	34,065,941	3	0	3	1
Case 80	18	34,067,978	34,587,096	2	0	2	1
Case 80	18	34,630,103	59,896,321	3	0	3	1
Case 80	18	59,896,965	78,015,180	2	0	2	1
Case 80	19	260,912	661,080	2	0	2	1
Case 80	19	663,929	2,210,659	1	0	1	0
Case 80	19	2,211,050	10,526,009	2	0	2	1
Case 80	19	10,537,268	13,873,996	1	1	2	0
Case 80	19	13,875,421	14,094,354	2	1	3	0
Case 80	19	14,101,909	19,855,654	1	1	2	0
Case 80	19	19,858,318	24,629,285	2	1	3	0
Case 80	19	27,732,159	35,685,115	2	1	3	0
Case 80	19	35,685,456	39,729,479	1	1	2	0
Case 80	19	39,731,747	39,880,133	2	1	3	0
Case 80	19	39,882,034	39,959,745	1	1	2	0
Case 80	19	39,963,853	42,083,626	2	1	3	0
Case 80	19	42,083,673	42,407,872	2	2	4	0
Case 80	19	42,408,188	44,207,318	1	1	2	0
Case 80	19	44,213,380	49,053,248	2	1	3	0
Case 80	19	49,053,306	49,099,381	3	1	4	0
Case 80	19	49,099,955	49,506,390	2	1	3	0
Case 80	19	49,507,562	59,097,160	1	1	2	0
Case 80	20	63,244	1,960,313	2	2	4	0
Case 80	20	1,961,018	6,510,902	2	1	3	0
Case 80	20	6,526,125	6,997,406	2	0	2	1
Case 80	20	7,006,365	15,416,394	2	1	3	0
Case 80	20	15,420,403	16,014,926	3	0	3	1
Case 80	20	16,015,163	16,496,299	2	1	3	0
Case 80	20	16,500,093	16,702,663	2	2	4	0
Case 80	20	16,702,902	24,098,673	2	1	3	0
Case 80	20	24,098,762	25,181,074	2	2	4	0
Case 80	20	25,184,466	26,293,985	2	1	3	0
Case 80	20	29,425,357	30,232,904	2	1	3	0
Case 80	20	30,235,302	48,013,369	2	2	4	0
Case 80	20	48,016,913	48,973,041	3	2	5	0
Case 80	20	48,973,810	49,036,909	4	1	5	0
Case 80	20	49,037,061	60,861,061	3	0	3	1
Case 80	20	60,866,789	62,948,788	2	0	2	1

Case 80	21	10,827,533	10,971,337	2	0	2	1
Case 80	21	14,368,320	27,374,450	2	0	2	1
Case 80	21	27,374,604	27,484,463	0	0	0	0
Case 80	21	27,495,183	36,554,943	2	0	2	1
Case 80	21	36,561,074	36,722,562	3	0	3	1
Case 80	21	36,723,544	39,696,858	2	0	2	1
Case 80	21	39,698,055	40,670,434	3	0	3	1
Case 80	21	40,686,327	44,628,741	2	0	2	1
Case 80	21	44,690,691	48,100,155	3	0	3	1
Case 80	22	16,114,244	29,446,903	2	0	2	1
Case 80	22	29,449,477	29,517,453	0	0	0	0
Case 80	22	29,517,463	46,356,554	2	0	2	1
Case 80	22	46,362,396	51,195,728	3	0	3	1
Case 80	X	2,700,157	6,518,873	2	0	2	1
Case 80	X	6,532,072	6,710,327	0	0	0	0
Case 80	X	6,715,164	41,446,185	2	0	2	1
Case 80	X	41,464,880	41,610,129	0	0	0	0
Case 80	X	41,640,865	58,488,110	2	0	2	1
Case 80	X	61,694,576	123,775,824	2	0	2	1
Case 80	X	123,786,762	124,262,612	0	0	0	0
Case 80	X	124,269,783	154,898,561	2	0	2	1
Case 82	1	82,154	121,346,616	1	1	2	0
Case 82	1	142,649,718	249,218,992	1	1	2	0
Case 82	2	18,674	92,081,640	1	1	2	0
Case 82	2	95,429,424	243,048,760	1	1	2	0
Case 82	3	61,495	90,442,925	1	1	2	0
Case 82	3	93,537,290	197,838,262	1	1	2	0
Case 82	4	71,566	49,620,898	1	1	2	0
Case 82	4	52,697,856	190,963,766	1	1	2	0
Case 82	5	38,139	46,399,093	1	1	2	0
Case 82	5	49,457,282	180,693,127	1	1	2	0
Case 82	6	108,666	31,338,528	1	1	2	0
Case 82	6	31,340,075	31,342,484	0	0	0	0
Case 82	6	31,342,631	58,752,089	1	1	2	0
Case 82	6	61,891,118	170,980,171	1	1	2	0
Case 82	7	44,935	58,019,061	1	1	2	0
Case 82	7	61,056,053	159,119,486	1	1	2	0
Case 82	8	164,984	2,132,561	1	1	2	0
Case 82	8	2,133,338	2,391,471	2	1	3	0
Case 82	8	2,394,776	43,791,691	1	1	2	0
Case 82	8	46,886,735	146,293,414	1	1	2	0
Case 82	9	46,587	46,944,322	1	1	2	0
Case 82	9	65,629,772	141,066,491	1	1	2	0
Case 82	10	98,087	39,097,912	1	1	2	0
Case 82	10	42,436,301	135,477,883	1	1	2	0
Case 82	11	193,146	51,591,253	1	1	2	0
Case 82	11	54,794,237	134,934,063	1	1	2	0
Case 82	12	191,619	34,853,011	1	1	2	0
Case 82	12	37,876,400	133,810,935	1	1	2	0
Case 82	13	19,058,717	115,103,529	1	1	2	0
Case 82	14	19,280,733	107,287,663	1	1	2	0
Case 82	15	20,034,919	102,461,162	1	1	2	0
Case 82	16	88,165	35,285,582	1	1	2	0
Case 82	16	46,450,037	90,274,695	1	1	2	0
Case 82	17	11,885	22,242,355	1	1	2	0
Case 82	17	25,268,142	81,060,040	1	1	2	0
Case 82	18	87,505	15,375,878	1	1	2	0
Case 82	18	18,520,354	78,015,180	1	1	2	0
Case 82	19	260,912	24,629,285	1	1	2	0
Case 82	19	27,732,159	59,097,160	1	1	2	0
Case 82	20	63,244	26,293,985	1	1	2	0

Case 82	20	29,425,357	62,948,788	1	1	2	0
Case 82	21	10,827,533	10,971,337	1	1	2	0
Case 82	21	14,368,320	48,100,155	1	1	2	0
Case 82	22	16,114,244	51,195,728	1	1	2	0
Case 82	X	2,700,157	58,488,110	1	0	1	0
Case 82	X	61,694,576	92,102,646	1	0	1	0
Case 82	X	92,110,530	154,898,561	1	1	2	0
Case 83	1	82,154	121,346,616	1	1	2	0
Case 83	1	142,649,718	196,823,300	1	1	2	0
Case 83	1	196,823,613	196,901,753	2	1	3	0
Case 83	1	196,918,605	249,218,992	1	1	2	0
Case 83	2	18,674	92,081,640	1	1	2	0
Case 83	2	95,429,424	243,048,760	1	1	2	0
Case 83	3	61,495	90,442,925	1	1	2	0
Case 83	3	93,537,290	197,838,262	1	1	2	0
Case 83	4	71,566	49,620,898	1	1	2	0
Case 83	4	52,697,856	190,963,766	1	1	2	0
Case 83	5	38,139	46,399,093	1	1	2	0
Case 83	5	49,457,282	180,693,127	1	1	2	0
Case 83	6	108,666	58,752,089	1	1	2	0
Case 83	6	61,891,118	170,980,171	1	1	2	0
Case 83	7	44,935	58,019,061	1	1	2	0
Case 83	7	61,056,053	159,119,486	1	1	2	0
Case 83	8	164,984	43,791,691	1	1	2	0
Case 83	8	46,886,735	146,293,414	1	1	2	0
Case 83	9	46,587	46,944,322	1	1	2	0
Case 83	9	65,629,772	141,066,491	1	1	2	0
Case 83	10	98,087	39,097,912	1	1	2	0
Case 83	10	42,436,301	135,477,883	1	1	2	0
Case 83	11	193,146	51,591,253	1	1	2	0
Case 83	11	54,794,237	134,934,063	1	1	2	0
Case 83	12	191,619	34,853,011	1	1	2	0
Case 83	12	37,876,400	133,810,935	1	1	2	0
Case 83	13	19,058,717	109,813,327	1	1	2	0
Case 83	13	109,814,635	110,720,314	4	1	5	0
Case 83	13	110,723,649	115,103,529	1	1	2	0
Case 83	14	19,280,733	107,287,663	1	1	2	0
Case 83	15	20,034,919	102,461,162	1	1	2	0
Case 83	16	88,165	35,285,582	1	1	2	0
Case 83	16	46,450,037	90,274,695	1	1	2	0
Case 83	17	11,885	22,242,355	1	1	2	0
Case 83	17	25,268,142	81,060,040	1	1	2	0
Case 83	18	87,505	15,375,878	1	1	2	0
Case 83	18	18,520,354	78,015,180	1	1	2	0
Case 83	19	260,912	24,629,285	1	1	2	0
Case 83	19	27,732,159	59,097,160	1	1	2	0
Case 83	20	63,244	26,293,985	1	1	2	0
Case 83	20	29,425,357	62,948,788	1	1	2	0
Case 83	21	10,827,533	10,971,337	1	1	2	0
Case 83	21	14,368,320	48,100,155	1	1	2	0
Case 83	22	16,114,244	51,195,728	1	1	2	0
Case 83	X	2,700,157	58,488,110	1	1	2	0
Case 83	X	61,694,576	154,898,561	1	1	2	0
Case 84	1	82,154	2,106,747	2	1	3	0
Case 84	1	2,117,558	2,306,695	3	2	5	0
Case 84	1	2,306,972	8,871,690	2	1	3	0
Case 84	1	8,871,965	9,009,444	3	1	4	0
Case 84	1	9,009,451	12,097,568	2	1	3	0
Case 84	1	12,105,048	12,620,545	3	1	4	0
Case 84	1	12,625,101	15,687,059	2	1	3	0
Case 84	1	15,687,814	17,281,235	2	2	4	0

Case 84	1	17,281,359	23,234,569	2	1	3	0
Case 84	1	23,238,023	23,435,669	3	1	4	0
Case 84	1	23,464,974	31,769,528	2	1	3	0
Case 84	1	31,770,944	31,795,460	3	1	4	0
Case 84	1	31,805,314	31,909,124	4	1	5	0
Case 84	1	31,910,482	32,038,787	5	2	7	0
Case 84	1	32,042,268	32,280,369	3	1	4	0
Case 84	1	32,280,610	36,527,329	2	1	3	0
Case 84	1	36,532,316	36,563,279	2	0	2	1
Case 84	1	36,563,467	59,286,691	2	1	3	0
Case 84	1	59,301,218	59,467,670	4	1	5	0
Case 84	1	59,470,439	60,099,282	2	1	3	0
Case 84	1	60,100,662	60,506,761	4	1	5	0
Case 84	1	60,520,956	121,346,616	2	1	3	0
Case 84	1	142,649,718	157,101,245	2	1	3	0
Case 84	1	157,102,453	157,202,651	3	1	4	0
Case 84	1	157,203,517	161,130,638	2	1	3	0
Case 84	1	161,131,024	162,602,394	2	2	4	0
Case 84	1	162,606,728	171,543,476	2	1	3	0
Case 84	1	171,543,863	171,707,490	3	1	4	0
Case 84	1	171,710,405	173,187,264	2	1	3	0
Case 84	1	173,189,389	177,968,616	2	0	2	1
Case 84	1	177,969,239	177,976,440	3	1	4	0
Case 84	1	177,981,232	205,000,643	2	0	2	1
Case 84	1	205,007,950	205,462,914	3	1	4	0
Case 84	1	205,464,991	217,805,135	2	1	3	0
Case 84	1	217,822,294	226,065,538	2	2	4	0
Case 84	1	226,065,755	226,421,157	3	2	5	0
Case 84	1	226,428,699	245,594,106	2	2	4	0
Case 84	1	245,594,168	245,655,241	2	1	3	0
Case 84	1	245,663,519	247,422,297	2	2	4	0
Case 84	1	247,436,234	249,218,992	2	0	2	1
Case 84	2	18,674	11,398,736	2	0	2	1
Case 84	2	11,401,165	11,710,716	4	0	4	1
Case 84	2	11,715,542	20,166,628	2	0	2	1
Case 84	2	20,173,255	20,595,958	4	0	4	1
Case 84	2	20,596,551	23,689,034	2	0	2	1
Case 84	2	23,692,679	23,932,461	3	0	3	1
Case 84	2	23,947,589	24,205,852	2	0	2	1
Case 84	2	24,222,712	24,256,071	4	0	4	1
Case 84	2	24,260,578	24,799,847	2	0	2	1
Case 84	2	24,807,533	28,387,088	2	2	4	0
Case 84	2	28,387,200	28,686,128	3	2	5	0
Case 84	2	28,686,332	38,268,718	2	2	4	0
Case 84	2	38,272,672	38,405,869	3	2	5	0
Case 84	2	38,407,719	54,362,591	2	2	4	0
Case 84	2	54,362,975	54,995,746	3	2	5	0
Case 84	2	55,001,405	69,915,375	2	2	4	0
Case 84	2	69,916,099	69,955,760	4	3	7	0
Case 84	2	69,969,918	70,052,624	3	3	6	0
Case 84	2	70,056,365	70,141,146	4	2	6	0
Case 84	2	70,152,957	88,541,437	2	2	4	0
Case 84	2	88,541,669	92,081,640	2	1	3	0
Case 84	2	95,429,424	96,873,982	2	1	3	0
Case 84	2	96,904,127	97,335,865	2	2	4	0
Case 84	2	97,350,120	102,730,440	2	1	3	0
Case 84	2	102,732,778	102,746,083	3	2	5	0
Case 84	2	102,746,276	120,343,832	2	1	3	0
Case 84	2	120,345,917	122,591,071	2	2	4	0
Case 84	2	122,598,583	134,913,954	2	1	3	0
Case 84	2	134,917,005	135,012,114	1	0	1	0



Case 84	2	135,017,074	141,951,944	2	1	3	0
Case 84	2	141,952,467	144,159,751	2	2	4	0
Case 84	2	144,166,523	206,630,887	2	1	3	0
Case 84	2	206,631,254	206,892,937	3	1	4	0
Case 84	2	206,893,042	208,971,007	2	1	3	0
Case 84	2	208,974,411	209,087,335	3	1	4	0
Case 84	2	209,093,069	239,113,794	2	1	3	0
Case 84	2	239,120,652	239,318,389	2	2	4	0
Case 84	2	239,322,485	243,048,760	2	1	3	0
Case 84	3	61,495	9,990,998	3	0	3	1
Case 84	3	9,991,040	10,335,786	4	0	4	1
Case 84	3	10,341,082	48,759,562	3	0	3	1
Case 84	3	48,787,219	51,772,347	1	0	1	0
Case 84	3	51,802,912	54,483,667	4	0	4	1
Case 84	3	54,484,118	60,364,830	3	0	3	1
Case 84	3	60,370,362	60,554,521	0	0	0	0
Case 84	3	60,557,685	60,600,915	2	1	3	0
Case 84	3	60,602,816	60,630,360	0	0	0	0
Case 84	3	60,631,936	61,232,197	3	0	3	1
Case 84	3	61,236,328	65,547,455	2	0	2	1
Case 84	3	65,560,167	65,809,842	3	0	3	1
Case 84	3	65,812,625	90,442,925	2	0	2	1
Case 84	3	93,537,290	94,625,622	3	0	3	1
Case 84	3	94,640,761	101,231,921	2	1	3	0
Case 84	3	101,232,736	114,205,687	3	1	4	0
Case 84	3	114,208,597	114,714,244	2	1	3	0
Case 84	3	114,730,257	127,470,166	3	1	4	0
Case 84	3	127,473,488	127,655,873	4	2	6	0
Case 84	3	127,662,082	128,266,502	3	1	4	0
Case 84	3	128,272,481	128,525,253	5	0	5	1
Case 84	3	128,527,929	197,838,262	3	1	4	0
Case 84	4	71,566	494,188	1	0	1	0
Case 84	4	494,194	2,689,449	2	1	3	0
Case 84	4	2,691,411	39,436,019	2	0	2	1
Case 84	4	39,438,149	39,586,775	4	0	4	1
Case 84	4	39,600,010	41,074,389	2	0	2	1
Case 84	4	41,076,288	43,254,889	1	0	1	0
Case 84	4	43,279,788	49,620,898	2	0	2	1
Case 84	4	52,697,856	77,159,700	2	0	2	1
Case 84	4	77,167,242	77,552,782	4	0	4	1
Case 84	4	77,555,857	115,506,203	2	0	2	1
Case 84	4	115,513,240	116,013,647	4	0	4	1
Case 84	4	116,028,808	119,785,381	2	0	2	1
Case 84	4	119,789,448	119,867,342	2	2	4	0
Case 84	4	119,873,248	142,484,038	2	0	2	1
Case 84	4	142,487,363	144,574,139	2	2	4	0
Case 84	4	144,575,873	148,280,874	2	0	2	1
Case 84	4	148,288,067	149,654,577	2	2	4	0
Case 84	4	149,690,361	190,963,766	2	0	2	1
Case 84	5	38,139	14,509,966	4	1	5	0
Case 84	5	14,514,308	14,711,332	6	1	7	0
Case 84	5	14,713,681	46,399,093	5	1	6	0
Case 84	5	49,457,282	58,676,049	1	1	2	0
Case 84	5	58,676,173	72,569,945	1	0	1	0
Case 84	5	72,573,021	73,460,035	1	1	2	0
Case 84	5	73,460,615	84,748,969	2	1	3	0
Case 84	5	84,774,104	84,872,810	1	0	1	0
Case 84	5	84,873,823	106,230,898	2	1	3	0
Case 84	5	106,241,073	106,415,368	3	1	4	0
Case 84	5	106,420,589	108,784,799	2	1	3	0
Case 84	5	108,799,341	112,204,896	2	0	2	1

Case 84	5	112,212,151	132,959,138	2	1	3	0
Case 84	5	132,971,131	133,101,137	3	1	4	0
Case 84	5	133,101,257	141,325,280	2	1	3	0
Case 84	5	141,329,059	142,031,751	1	0	1	0
Case 84	5	142,043,326	142,270,301	2	0	2	1
Case 84	5	142,277,132	149,753,035	2	1	3	0
Case 84	5	149,753,894	149,971,345	2	2	4	0
Case 84	5	149,972,167	180,693,127	2	1	3	0
Case 84	6	108,666	24,358,063	2	1	3	0
Case 84	6	24,377,143	24,418,463	3	1	4	0
Case 84	6	24,420,113	32,751,416	2	1	3	0
Case 84	6	32,751,691	32,823,948	2	2	4	0
Case 84	6	32,824,318	32,831,247	2	1	3	0
Case 84	6	32,832,667	33,043,930	2	2	4	0
Case 84	6	33,044,257	41,364,110	2	1	3	0
Case 84	6	41,364,255	41,520,417	2	2	4	0
Case 84	6	41,533,556	47,243,798	2	1	3	0
Case 84	6	47,243,999	47,541,893	3	1	4	0
Case 84	6	47,541,940	58,752,089	2	1	3	0
Case 84	6	61,891,118	101,103,660	2	1	3	0
Case 84	6	101,109,175	101,576,535	1	0	1	0
Case 84	6	101,583,773	160,147,630	2	1	3	0
Case 84	6	160,159,034	169,393,301	1	1	2	0
Case 84	6	169,393,766	169,844,174	3	1	4	0
Case 84	6	169,853,296	170,687,671	1	1	2	0
Case 84	6	170,694,124	170,980,171	1	0	1	0
Case 84	7	44,935	2,608,634	2	1	3	0
Case 84	7	2,609,309	2,696,150	2	0	2	1
Case 84	7	2,698,634	16,656,546	2	1	3	0
Case 84	7	16,662,008	17,115,823	4	1	5	0
Case 84	7	17,116,201	19,916,190	2	1	3	0
Case 84	7	19,938,943	20,010,778	4	1	5	0
Case 84	7	20,018,112	33,061,694	2	1	3	0
Case 84	7	33,070,796	58,019,061	3	1	4	0
Case 84	7	61,056,053	73,124,558	3	1	4	0
Case 84	7	73,125,179	73,359,124	4	1	5	0
Case 84	7	73,376,167	75,951,230	3	1	4	0
Case 84	7	75,953,297	76,134,915	4	1	5	0
Case 84	7	76,137,375	76,710,152	6	2	8	0
Case 84	7	76,712,801	93,131,162	3	1	4	0
Case 84	7	93,138,358	96,126,368	3	2	5	0
Case 84	7	96,130,638	103,138,572	3	1	4	0
Case 84	7	103,141,147	104,500,549	3	2	5	0
Case 84	7	104,503,813	127,772,339	3	1	4	0
Case 84	7	127,773,388	128,323,110	4	1	5	0
Case 84	7	128,348,405	132,817,561	3	1	4	0
Case 84	7	132,820,026	133,361,412	4	1	5	0
Case 84	7	133,388,056	140,505,189	3	1	4	0
Case 84	7	140,544,165	141,341,613	2	1	3	0
Case 84	7	141,348,813	141,945,160	4	1	5	0
Case 84	7	141,947,082	141,952,110	6	1	7	0
Case 84	7	141,952,308	142,380,488	5	1	6	0
Case 84	7	142,384,755	142,424,843	6	1	7	0
Case 84	7	142,434,960	143,748,011	4	1	5	0
Case 84	7	143,748,098	143,875,539	5	1	6	0
Case 84	7	143,951,888	159,119,486	2	1	3	0
Case 84	8	164,984	22,388,857	2	0	2	1
Case 84	8	22,389,749	22,571,466	3	0	3	1
Case 84	8	22,572,116	43,791,691	2	0	2	1
Case 84	8	46,886,735	46,886,735	2	0	2	1
Case 84	8	46,942,842	48,722,783	5	1	6	0

Case 84	8	48,730,003	57,942,358	5	0	5	1
Case 84	8	57,943,607	61,926,797	6	0	6	1
Case 84	8	61,929,772	66,347,828	7	0	7	1
Case 84	8	66,355,062	75,292,492	6	0	6	1
Case 84	8	75,294,975	77,063,605	7	0	7	1
Case 84	8	77,077,752	81,745,785	6	0	6	1
Case 84	8	81,751,247	81,887,806	8	0	8	1
Case 84	8	81,888,847	94,627,082	6	0	6	1
Case 84	8	94,633,233	102,281,315	7	0	7	1
Case 84	8	102,281,374	109,831,197	6	0	6	1
Case 84	8	109,855,813	110,622,831	7	0	7	1
Case 84	8	110,627,005	110,909,309	9	0	9	1
Case 84	8	110,915,398	115,548,047	7	0	7	1
Case 84	8	115,553,747	124,209,157	6	0	6	1
Case 84	8	124,213,844	132,789,352	7	0	7	1
Case 84	8	132,790,095	134,272,549	5	0	5	1
Case 84	8	134,273,868	134,513,219	6	0	6	1
Case 84	8	134,513,350	137,769,663	5	0	5	1
Case 84	8	137,771,602	138,890,763	6	0	6	1
Case 84	8	138,902,764	146,293,414	5	0	5	1
Case 84	9	46,587	35,518,997	2	0	2	1
Case 84	9	35,522,318	35,778,800	4	0	4	1
Case 84	9	35,779,571	46,944,322	2	0	2	1
Case 84	9	65,629,772	71,131,098	2	0	2	1
Case 84	9	71,137,232	71,396,426	4	0	4	1
Case 84	9	71,397,734	94,625,960	2	0	2	1
Case 84	9	94,626,543	94,769,170	3	0	3	1
Case 84	9	94,775,387	97,409,437	2	0	2	1
Case 84	9	97,409,771	97,535,396	4	0	4	1
Case 84	9	97,549,812	109,923,051	2	0	2	1
Case 84	9	109,926,563	110,226,138	4	0	4	1
Case 84	9	110,229,609	114,195,587	2	0	2	1
Case 84	9	114,220,603	116,823,377	4	0	4	1
Case 84	9	116,823,802	131,565,571	2	0	2	1
Case 84	9	131,565,590	131,721,171	3	0	3	1
Case 84	9	131,730,791	136,259,419	2	0	2	1
Case 84	9	136,259,809	136,324,239	3	0	3	1
Case 84	9	136,325,282	141,066,491	2	0	2	1
Case 84	10	98,087	4,076,637	4	1	5	0
Case 84	10	4,079,520	5,336,374	5	1	6	0
Case 84	10	5,337,743	19,118,287	4	1	5	0
Case 84	10	19,120,169	19,451,728	6	1	7	0
Case 84	10	19,463,367	26,422,301	5	1	6	0
Case 84	10	26,432,389	29,523,746	4	3	7	0
Case 84	10	29,524,450	31,457,279	3	3	6	0
Case 84	10	31,461,599	35,567,127	5	1	6	0
Case 84	10	35,577,194	37,665,513	6	1	7	0
Case 84	10	37,665,810	39,088,829	5	1	6	0
Case 84	10	39,097,912	39,097,912	2	0	2	1
Case 84	10	42,436,301	111,335,861	2	0	2	1
Case 84	10	111,336,595	124,140,430	3	0	3	1
Case 84	10	124,147,588	124,523,514	4	0	4	1
Case 84	10	124,524,241	135,477,883	2	0	2	1
Case 84	11	193,146	20,915,524	2	1	3	0
Case 84	11	20,925,039	21,587,453	2	0	2	1
Case 84	11	21,588,442	50,296,502	2	1	3	0
Case 84	11	50,325,741	51,591,253	2	0	2	1
Case 84	11	54,794,237	69,224,506	2	0	2	1
Case 84	11	69,228,367	69,378,736	4	0	4	1
Case 84	11	69,382,767	71,864,717	2	0	2	1
Case 84	11	71,872,777	76,801,982	2	1	3	0

Case 84	11	76,804,131	76,992,664	3	1	4	0
Case 84	11	76,996,323	117,909,799	2	1	3	0
Case 84	11	117,911,367	118,279,936	3	2	5	0
Case 84	11	118,285,995	134,934,063	2	1	3	0
Case 84	12	191,619	19,892,640	2	1	3	0
Case 84	12	19,893,246	19,957,161	3	2	5	0
Case 84	12	19,964,114	20,834,635	2	2	4	0
Case 84	12	20,839,851	29,065,867	2	1	3	0
Case 84	12	29,080,104	29,468,987	3	2	5	0
Case 84	12	29,469,774	30,946,460	2	1	3	0
Case 84	12	30,949,511	31,163,186	2	2	4	0
Case 84	12	31,168,019	31,249,834	3	2	5	0
Case 84	12	31,256,795	34,810,203	2	1	3	0
Case 84	12	34,819,926	34,853,011	1	1	2	0
Case 84	12	37,876,400	38,416,139	1	1	2	0
Case 84	12	38,424,982	133,810,935	2	1	3	0
Case 84	13	19,058,717	24,387,570	3	0	3	1
Case 84	13	24,396,149	24,798,995	4	0	4	1
Case 84	13	24,800,063	28,388,149	3	0	3	1
Case 84	13	28,393,672	28,500,496	4	0	4	1
Case 84	13	28,514,849	106,393,146	3	0	3	1
Case 84	13	106,393,442	106,670,282	4	0	4	1
Case 84	13	106,684,468	113,536,627	3	0	3	1
Case 84	13	113,540,004	113,717,098	4	0	4	1
Case 84	13	113,717,244	115,103,529	3	0	3	1
Case 84	14	19,280,733	20,470,737	3	2	5	0
Case 84	14	20,470,903	22,425,847	2	1	3	0
Case 84	14	22,427,444	22,970,327	2	2	4	0
Case 84	14	22,972,815	35,649,943	2	1	3	0
Case 84	14	35,661,048	37,584,981	3	2	5	0
Case 84	14	37,587,697	90,208,263	2	1	3	0
Case 84	14	90,209,466	91,770,261	3	1	4	0
Case 84	14	91,772,204	102,600,112	2	1	3	0
Case 84	14	102,605,127	103,009,367	3	1	4	0
Case 84	14	103,018,554	103,133,060	3	2	5	0
Case 84	14	103,154,191	103,342,741	3	1	4	0
Case 84	14	103,345,467	103,694,387	2	1	3	0
Case 84	14	103,694,638	103,783,847	4	1	5	0
Case 84	14	103,784,918	103,916,916	4	2	6	0
Case 84	14	103,918,029	107,287,663	2	1	3	0
Case 84	15	20,034,919	34,385,784	2	0	2	1
Case 84	15	34,387,365	35,070,865	3	0	3	1
Case 84	15	35,071,297	67,400,490	2	0	2	1
Case 84	15	67,407,899	67,629,175	1	0	1	0
Case 84	15	67,629,335	102,461,162	2	0	2	1
Case 84	16	88,165	25,563,680	2	0	2	1
Case 84	16	25,565,967	29,824,508	2	2	4	0
Case 84	16	29,824,809	35,285,582	2	0	2	1
Case 84	16	46,450,037	51,276,862	2	0	2	1
Case 84	16	51,279,056	51,451,319	2	1	3	0
Case 84	16	51,457,948	55,594,811	2	0	2	1
Case 84	16	55,600,672	57,422,519	2	2	4	0
Case 84	16	57,436,153	57,622,522	4	1	5	0
Case 84	16	57,626,911	57,685,510	3	2	5	0
Case 84	16	57,687,314	57,729,576	2	1	3	0
Case 84	16	57,731,854	61,461,435	2	0	2	1
Case 84	16	61,465,121	61,887,369	2	1	3	0
Case 84	16	61,889,904	66,608,800	2	0	2	1
Case 84	16	66,609,668	69,067,538	2	1	3	0
Case 84	16	69,074,247	69,497,810	3	0	3	1
Case 84	16	69,509,506	69,590,366	5	0	5	1

Case 84	16	69,597,882	70,286,631	2	0	2	1
Case 84	16	70,286,740	75,924,274	4	0	4	1
Case 84	16	75,928,610	76,581,602	3	2	5	0
Case 84	16	76,587,183	77,637,507	3	0	3	1
Case 84	16	77,639,184	78,684,329	3	2	5	0
Case 84	16	78,688,144	78,718,027	3	1	4	0
Case 84	16	78,719,199	80,513,030	3	2	5	0
Case 84	16	80,514,918	82,519,228	4	0	4	1
Case 84	16	82,521,530	83,310,856	3	2	5	0
Case 84	16	83,316,624	84,221,962	3	0	3	1
Case 84	16	84,223,361	84,239,438	4	1	5	0
Case 84	16	84,240,104	85,436,589	4	0	4	1
Case 84	16	85,452,695	85,713,210	3	1	4	0
Case 84	16	85,721,146	88,695,167	3	0	3	1
Case 84	16	88,695,376	89,420,356	3	1	4	0
Case 84	16	89,422,823	90,274,695	3	0	3	1
Case 84	17	11,885	1,151,592	2	0	2	1
Case 84	17	1,154,536	1,393,486	3	0	3	1
Case 84	17	1,397,737	7,069,263	2	0	2	1
Case 84	17	7,076,038	7,337,488	4	0	4	1
Case 84	17	7,339,525	22,242,355	2	0	2	1
Case 84	17	25,268,142	25,660,189	2	0	2	1
Case 84	17	25,666,330	34,443,811	2	1	3	0
Case 84	17	34,445,325	34,597,521	4	1	5	0
Case 84	17	34,815,551	57,709,814	2	1	3	0
Case 84	17	57,724,829	57,916,013	1	1	2	0
Case 84	17	57,930,646	73,812,937	2	1	3	0
Case 84	17	73,813,250	73,945,957	2	2	4	0
Case 84	17	73,946,642	79,441,807	2	1	3	0
Case 84	17	79,446,592	79,483,999	2	0	2	1
Case 84	17	79,487,491	81,060,040	2	1	3	0
Case 84	18	87,505	629,035	3	1	4	0
Case 84	18	631,211	2,508,671	3	2	5	0
Case 84	18	2,508,780	5,252,280	3	1	4	0
Case 84	18	5,255,109	8,594,202	4	1	5	0
Case 84	18	8,602,839	8,715,990	3	2	5	0
Case 84	18	8,716,090	12,898,134	4	1	5	0
Case 84	18	12,899,342	15,375,878	3	1	4	0
Case 84	18	18,520,354	19,557,092	3	1	4	0
Case 84	18	19,558,879	19,723,649	4	1	5	0
Case 84	18	19,739,501	24,293,284	3	1	4	0
Case 84	18	24,293,309	25,144,478	2	1	3	0
Case 84	18	25,152,084	25,440,258	2	2	4	0
Case 84	18	25,444,241	38,850,517	2	1	3	0
Case 84	18	38,857,660	49,976,719	2	0	2	1
Case 84	18	49,988,133	50,026,652	3	2	5	0
Case 84	18	50,026,915	50,140,929	2	2	4	0
Case 84	18	50,142,425	53,489,366	2	1	3	0
Case 84	18	53,495,479	53,605,893	4	1	5	0
Case 84	18	53,606,519	55,260,070	3	2	5	0
Case 84	18	55,264,080	55,655,487	2	2	4	0
Case 84	18	55,660,363	68,197,110	2	0	2	1
Case 84	18	68,199,224	68,936,409	3	0	3	1
Case 84	18	68,942,563	69,414,120	2	0	2	1
Case 84	18	69,418,494	78,015,180	3	0	3	1
Case 84	19	260,912	3,979,842	2	0	2	1
Case 84	19	3,981,387	4,119,012	3	0	3	1
Case 84	19	4,139,849	12,974,636	2	0	2	1
Case 84	19	12,975,608	13,197,752	3	0	3	1
Case 84	19	13,211,515	24,629,285	2	0	2	1
Case 84	19	27,732,159	36,987,525	5	1	6	0

Case 84	19	37,004,938	38,292,369	7	1	8	0
Case 84	19	38,293,963	38,709,609	6	1	7	0
Case 84	19	38,713,568	39,294,769	3	1	4	0
Case 84	19	39,296,319	39,331,195	4	1	5	0
Case 84	19	39,334,830	57,099,817	3	1	4	0
Case 84	19	57,100,894	59,097,160	2	1	3	0
Case 84	20	63,244	1,248,286	4	0	4	1
Case 84	20	1,250,463	1,941,488	3	1	4	0
Case 84	20	1,942,718	2,625,211	4	0	4	1
Case 84	20	2,630,285	5,800,572	3	2	5	0
Case 84	20	5,809,016	6,813,845	3	3	6	0
Case 84	20	6,819,428	7,376,672	3	2	5	0
Case 84	20	7,380,416	7,497,194	5	2	7	0
Case 84	20	7,497,772	8,121,097	4	2	6	0
Case 84	20	8,124,354	8,822,308	3	2	5	0
Case 84	20	8,824,117	10,379,471	3	3	6	0
Case 84	20	10,383,981	11,347,455	3	2	5	0
Case 84	20	11,367,780	11,703,372	4	0	4	1
Case 84	20	11,716,825	11,742,799	4	1	5	0
Case 84	20	11,748,386	11,939,516	4	0	4	1
Case 84	20	11,942,854	11,970,685	4	1	5	0
Case 84	20	11,971,675	12,173,825	3	0	3	1
Case 84	20	12,175,478	13,078,275	3	2	5	0
Case 84	20	13,078,747	13,765,892	3	3	6	0
Case 84	20	13,765,895	14,727,386	3	2	5	0
Case 84	20	14,729,891	14,931,186	2	0	2	1
Case 84	20	14,936,935	15,375,124	3	1	4	0
Case 84	20	15,375,822	15,649,366	2	2	4	0
Case 84	20	15,651,887	17,721,590	3	2	5	0
Case 84	20	17,725,675	17,931,095	3	3	6	0
Case 84	20	17,933,320	19,583,374	3	2	5	0
Case 84	20	19,585,661	26,293,985	4	0	4	1
Case 84	20	29,425,357	32,110,204	4	0	4	1
Case 84	20	32,140,287	32,449,329	7	1	8	0
Case 84	20	32,452,215	32,527,128	5	2	7	0
Case 84	20	32,535,305	32,996,559	3	1	4	0
Case 84	20	33,000,437	39,465,634	4	0	4	1
Case 84	20	39,469,504	40,769,924	3	2	5	0
Case 84	20	40,775,576	43,701,355	4	0	4	1
Case 84	20	43,704,937	46,156,099	3	1	4	0
Case 84	20	46,163,799	47,701,339	3	2	5	0
Case 84	20	47,701,589	47,740,944	4	3	7	0
Case 84	20	47,749,585	48,027,837	4	1	5	0
Case 84	20	48,030,010	50,181,272	3	1	4	0
Case 84	20	50,181,785	51,740,178	3	3	6	0
Case 84	20	51,741,616	54,998,544	3	1	4	0
Case 84	20	55,006,888	58,842,929	4	0	4	1
Case 84	20	58,848,067	62,948,788	3	2	5	0
Case 84	21	10,827,533	10,971,337	2	1	3	0
Case 84	21	14,368,320	18,579,240	2	1	3	0
Case 84	21	18,585,356	18,650,176	3	1	4	0
Case 84	21	18,652,994	29,275,627	2	1	3	0
Case 84	21	29,299,378	29,850,549	1	0	1	0
Case 84	21	29,853,103	34,586,183	2	1	3	0
Case 84	21	34,588,494	34,799,322	3	1	4	0
Case 84	21	34,804,538	42,841,988	2	1	3	0
Case 84	21	42,842,203	43,162,155	2	2	4	0
Case 84	21	43,162,356	44,358,783	2	1	3	0
Case 84	21	44,360,107	44,764,895	3	1	4	0
Case 84	21	44,768,562	48,100,155	2	1	3	0
Case 84	22	16,114,244	21,927,064	2	0	2	1

Case 84	22	21,928,641	22,068,740	4	0	4	1
Case 84	22	22,069,340	50,281,344	2	0	2	1
Case 84	22	50,281,879	50,509,196	3	0	3	1
Case 84	22	50,510,258	51,195,728	2	0	2	1
Case 84	X	2,700,157	3,533,962	2	0	2	1
Case 84	X	3,534,458	58,488,110	1	0	1	0
Case 84	X	61,694,576	154,898,561	1	0	1	0
Case 85	1	82,154	121,346,616	1	1	2	0
Case 85	1	142,649,718	249,218,992	1	1	2	0
Case 85	2	18,674	92,081,640	1	1	2	0
Case 85	2	95,429,424	243,048,760	1	1	2	0
Case 85	3	61,495	90,442,925	1	1	2	0
Case 85	3	93,537,290	113,187,981	1	1	2	0
Case 85	3	113,207,804	113,268,970	2	1	3	0
Case 85	3	113,269,201	197,838,262	1	1	2	0
Case 85	4	71,566	49,620,898	1	1	2	0
Case 85	4	52,697,856	190,963,766	1	1	2	0
Case 85	5	38,139	46,399,093	1	1	2	0
Case 85	5	49,457,282	180,693,127	1	1	2	0
Case 85	6	108,666	58,752,089	1	1	2	0
Case 85	6	61,891,118	170,980,171	1	1	2	0
Case 85	7	44,935	58,019,061	1	1	2	0
Case 85	7	61,056,053	159,119,486	1	1	2	0
Case 85	8	164,984	43,791,691	1	1	2	0
Case 85	8	46,886,735	146,293,414	1	1	2	0
Case 85	9	46,587	46,944,322	1	1	2	0
Case 85	9	65,629,772	141,066,491	1	1	2	0
Case 85	10	98,087	39,097,912	1	1	2	0
Case 85	10	42,436,301	135,477,883	1	1	2	0
Case 85	11	193,146	10,510,272	1	1	2	0
Case 85	11	10,511,142	10,545,404	2	1	3	0
Case 85	11	10,552,213	51,591,253	1	1	2	0
Case 85	11	54,794,237	134,934,063	1	1	2	0
Case 85	12	191,619	34,853,011	1	1	2	0
Case 85	12	37,876,400	133,810,935	1	1	2	0
Case 85	13	19,058,717	115,103,529	1	1	2	0
Case 85	14	19,280,733	107,287,663	1	1	2	0
Case 85	15	20,034,919	102,461,162	1	1	2	0
Case 85	16	88,165	35,285,582	1	1	2	0
Case 85	16	46,450,037	90,274,695	1	1	2	0
Case 85	17	11,885	22,242,355	1	1	2	0
Case 85	17	25,268,142	81,060,040	1	1	2	0
Case 85	18	87,505	15,375,878	1	1	2	0
Case 85	18	18,520,354	78,015,180	1	1	2	0
Case 85	19	260,912	24,629,285	1	1	2	0
Case 85	19	27,732,159	59,097,160	1	1	2	0
Case 85	20	63,244	26,293,985	1	1	2	0
Case 85	20	29,425,357	62,948,788	1	1	2	0
Case 85	21	10,827,533	10,971,337	1	1	2	0
Case 85	21	14,368,320	48,100,155	1	1	2	0
Case 85	22	16,114,244	51,195,728	1	1	2	0
Case 85	X	2,700,157	58,488,110	1	1	2	0
Case 85	X	61,694,576	154,898,561	1	1	2	0
Case 87	1	82,154	4,004,250	3	0	3	1
Case 87	1	4,005,693	48,961,903	4	0	4	1
Case 87	1	48,965,209	57,042,954	3	0	3	1
Case 87	1	57,049,977	57,249,558	2	0	2	1
Case 87	1	57,252,494	62,905,542	3	0	3	1
Case 87	1	62,905,893	64,056,411	2	0	2	1
Case 87	1	64,059,266	92,339,976	3	0	3	1
Case 87	1	92,358,371	94,441,950	2	0	2	1

Case 87	1	94,442,739	94,794,245	3	0	3	1
Case 87	1	94,807,102	95,232,272	5	0	5	1
Case 87	1	95,235,919	97,488,820	3	0	3	1
Case 87	1	97,499,599	101,586,819	2	0	2	1
Case 87	1	101,588,361	101,836,640	3	0	3	1
Case 87	1	101,838,064	104,365,377	2	0	2	1
Case 87	1	104,375,470	117,826,699	3	2	5	0
Case 87	1	117,829,261	121,346,616	5	2	7	0
Case 87	1	142,649,718	146,803,630	4	2	6	0
Case 87	1	146,813,358	147,060,953	5	3	8	0
Case 87	1	147,062,571	155,628,219	4	2	6	0
Case 87	1	155,629,930	157,105,790	3	2	5	0
Case 87	1	157,109,479	159,736,755	3	3	6	0
Case 87	1	159,738,719	162,085,309	3	2	5	0
Case 87	1	162,085,685	166,445,116	3	3	6	0
Case 87	1	166,447,321	166,856,059	5	3	8	0
Case 87	1	166,860,471	168,837,845	5	2	7	0
Case 87	1	168,849,973	174,781,083	5	3	8	0
Case 87	1	174,794,144	188,075,300	4	0	4	1
Case 87	1	188,081,057	189,984,428	7	0	7	1
Case 87	1	189,997,930	195,745,968	4	0	4	1
Case 87	1	195,747,936	200,750,576	6	0	6	1
Case 87	1	200,776,641	205,213,883	5	0	5	1
Case 87	1	205,216,110	208,558,547	6	0	6	1
Case 87	1	208,561,353	226,012,686	7	0	7	1
Case 87	1	226,012,717	227,935,444	6	0	6	1
Case 87	1	227,935,529	229,005,123	5	0	5	1
Case 87	1	229,005,833	237,307,601	6	0	6	1
Case 87	1	237,310,235	241,586,834	7	0	7	1
Case 87	1	241,596,981	248,524,890	6	0	6	1
Case 87	1	248,524,967	249,218,992	4	0	4	1
Case 87	2	18,674	548,121	3	0	3	1
Case 87	2	549,926	3,767,991	4	0	4	1
Case 87	2	3,772,338	9,942,159	5	0	5	1
Case 87	2	9,946,213	12,609,639	4	0	4	1
Case 87	2	12,610,405	25,626,385	5	0	5	1
Case 87	2	25,633,242	27,910,821	4	0	4	1
Case 87	2	27,912,238	57,470,700	5	0	5	1
Case 87	2	57,482,289	75,575,482	4	1	5	0
Case 87	2	75,577,646	79,885,036	5	1	6	0
Case 87	2	79,885,936	79,928,312	5	0	5	1
Case 87	2	79,930,269	92,081,640	4	1	5	0
Case 87	2	95,429,424	104,036,433	4	1	5	0
Case 87	2	104,052,459	107,677,690	5	0	5	1
Case 87	2	107,679,474	114,712,977	4	0	4	1
Case 87	2	114,722,802	118,569,196	5	0	5	1
Case 87	2	118,573,396	122,591,071	4	0	4	1
Case 87	2	122,598,583	124,913,517	5	0	5	1
Case 87	2	124,915,643	136,657,252	4	0	4	1
Case 87	2	136,668,732	136,907,580	5	0	5	1
Case 87	2	136,917,330	167,284,923	4	0	4	1
Case 87	2	167,286,044	167,342,641	3	0	3	1
Case 87	2	167,345,058	176,730,467	4	0	4	1
Case 87	2	176,732,191	210,849,283	5	0	5	1
Case 87	2	210,851,634	210,964,379	4	2	6	0
Case 87	2	210,980,437	213,785,217	2	2	4	0
Case 87	2	213,788,877	218,880,952	4	2	6	0
Case 87	2	218,883,186	220,643,119	3	2	5	0
Case 87	2	220,645,599	226,174,464	4	2	6	0
Case 87	2	226,178,411	226,336,889	5	1	6	0
Case 87	2	226,353,626	238,227,919	3	0	3	1



Case 87	2	238,231,803	243,048,760	2	0	2	1
Case 87	3	61,495	42,299,870	4	0	4	1
Case 87	3	42,303,311	50,085,153	3	0	3	1
Case 87	3	50,085,708	50,393,640	4	0	4	1
Case 87	3	50,395,827	55,263,106	3	0	3	1
Case 87	3	55,263,442	60,288,428	4	0	4	1
Case 87	3	60,289,842	60,576,324	0	0	0	0
Case 87	3	60,576,769	81,349,843	4	0	4	1
Case 87	3	81,356,647	81,586,077	5	0	5	1
Case 87	3	81,586,439	90,442,925	4	0	4	1
Case 87	3	93,537,290	99,034,849	4	0	4	1
Case 87	3	99,037,859	100,148,679	5	0	5	1
Case 87	3	100,149,154	103,345,439	4	0	4	1
Case 87	3	103,348,699	106,836,240	5	0	5	1
Case 87	3	106,841,915	124,979,404	4	0	4	1
Case 87	3	124,979,785	130,103,784	3	0	3	1
Case 87	3	130,104,062	140,177,177	4	0	4	1
Case 87	3	140,178,381	143,405,698	3	0	3	1
Case 87	3	143,409,272	143,422,775	2	0	2	1
Case 87	3	143,427,040	148,631,606	3	0	3	1
Case 87	3	148,633,264	197,838,262	4	0	4	1
Case 87	4	71,566	13,193,295	2	2	4	0
Case 87	4	13,201,728	15,738,370	7	1	8	0
Case 87	4	15,738,795	16,304,314	6	1	7	0
Case 87	4	16,305,979	22,414,873	4	2	6	0
Case 87	4	22,416,738	31,525,698	5	2	7	0
Case 87	4	31,531,497	32,174,131	2	0	2	1
Case 87	4	32,186,096	32,745,997	3	2	5	0
Case 87	4	32,749,519	33,910,151	6	2	8	0
Case 87	4	33,944,748	35,673,557	3	2	5	0
Case 87	4	35,676,909	36,583,469	5	2	7	0
Case 87	4	36,597,275	40,396,560	2	2	4	0
Case 87	4	40,396,697	40,488,449	4	2	6	0
Case 87	4	40,490,465	42,256,594	3	2	5	0
Case 87	4	42,265,464	42,457,561	10	2	12	0
Case 87	4	42,466,641	42,816,051	12	2	14	0
Case 87	4	42,817,301	42,933,496	9	3	12	0
Case 87	4	42,937,881	43,440,641	12	3	15	0
Case 87	4	43,442,648	43,561,857	20	5	25	0
Case 87	4	43,564,831	43,665,919	12	3	15	0
Case 87	4	43,666,123	43,739,772	17	3	20	0
Case 87	4	43,751,098	44,908,179	13	3	16	0
Case 87	4	44,909,241	45,263,659	12	4	16	0
Case 87	4	45,285,463	45,441,814	13	6	19	0
Case 87	4	45,448,030	45,800,337	13	4	17	0
Case 87	4	45,811,691	45,859,948	6	2	8	0
Case 87	4	45,863,268	47,359,371	5	2	7	0
Case 87	4	47,365,544	47,508,540	12	3	15	0
Case 87	4	47,511,781	48,462,164	10	2	12	0
Case 87	4	48,462,902	48,490,939	8	3	11	0
Case 87	4	48,491,010	48,952,209	12	2	14	0
Case 87	4	48,960,863	49,620,898	11	0	11	1
Case 87	4	52,697,856	59,180,928	11	0	11	1
Case 87	4	59,211,129	59,378,549	0	0	0	0
Case 87	4	59,388,759	68,436,883	2	0	2	1
Case 87	4	68,441,091	69,283,448	3	2	5	0
Case 87	4	69,337,325	71,117,202	2	0	2	1
Case 87	4	71,121,681	71,958,094	3	0	3	1
Case 87	4	71,975,779	74,657,255	3	2	5	0
Case 87	4	74,667,727	75,096,401	5	2	7	0
Case 87	4	75,102,993	75,851,372	3	0	3	1

Case 87	4	75,857,836	76,809,385	5	2	7	0
Case 87	4	76,809,396	85,007,150	3	0	3	1
Case 87	4	85,024,046	87,062,363	5	2	7	0
Case 87	4	87,074,032	90,600,620	3	0	3	1
Case 87	4	90,602,795	107,470,497	2	0	2	1
Case 87	4	107,471,140	129,315,804	3	0	3	1
Case 87	4	129,336,928	132,024,484	4	0	4	1
Case 87	4	132,031,397	132,282,009	3	2	5	0
Case 87	4	132,288,496	133,287,497	2	2	4	0
Case 87	4	133,289,007	161,795,832	3	2	5	0
Case 87	4	161,799,400	161,946,368	3	1	4	0
Case 87	4	161,952,228	173,409,234	3	2	5	0
Case 87	4	173,418,304	183,655,750	2	1	3	0
Case 87	4	183,658,159	183,694,642	4	1	5	0
Case 87	4	183,696,245	183,935,289	2	1	3	0
Case 87	4	183,942,308	184,902,533	1	0	1	0
Case 87	4	184,905,482	185,461,350	2	0	2	1
Case 87	4	185,462,993	186,468,992	2	1	3	0
Case 87	4	186,469,493	190,963,766	2	0	2	1
Case 87	5	38,139	1,685,655	2	2	4	0
Case 87	5	1,686,233	12,566,885	3	2	5	0
Case 87	5	12,572,670	13,545,172	7	2	9	0
Case 87	5	13,572,053	16,834,274	4	2	6	0
Case 87	5	16,834,568	17,409,998	3	0	3	1
Case 87	5	17,415,197	30,746,632	2	0	2	1
Case 87	5	30,749,170	34,166,261	3	0	3	1
Case 87	5	34,180,455	37,185,061	4	2	6	0
Case 87	5	37,193,343	38,946,608	5	2	7	0
Case 87	5	38,950,028	42,019,110	2	2	4	0
Case 87	5	42,038,122	46,399,093	2	0	2	1
Case 87	5	49,457,282	49,564,798	2	0	2	1
Case 87	5	49,586,870	58,355,458	4	0	4	1
Case 87	5	58,357,931	60,238,590	3	0	3	1
Case 87	5	60,241,826	61,967,808	4	0	4	1
Case 87	5	61,977,629	62,094,034	6	0	6	1
Case 87	5	62,094,462	65,758,859	4	0	4	1
Case 87	5	65,759,249	80,898,725	3	0	3	1
Case 87	5	80,900,598	95,089,373	1	0	1	0
Case 87	5	95,091,201	96,155,608	2	0	2	1
Case 87	5	96,156,494	131,296,236	1	0	1	0
Case 87	5	131,302,110	134,406,317	2	0	2	1
Case 87	5	134,431,163	180,693,127	4	0	4	1
Case 87	6	108,666	8,516,062	3	2	5	0
Case 87	6	8,528,235	14,756,166	4	2	6	0
Case 87	6	14,756,493	22,665,236	3	2	5	0
Case 87	6	22,665,497	28,173,219	4	2	6	0
Case 87	6	28,176,415	28,184,371	6	3	9	0
Case 87	6	28,185,726	29,772,395	4	2	6	0
Case 87	6	29,772,549	32,184,345	3	2	5	0
Case 87	6	32,184,705	33,059,796	4	2	6	0
Case 87	6	33,059,996	35,782,386	3	2	5	0
Case 87	6	35,782,525	41,029,085	4	2	6	0
Case 87	6	41,029,219	44,525,989	3	2	5	0
Case 87	6	44,526,440	58,752,089	4	2	6	0
Case 87	6	61,891,118	63,228,933	4	2	6	0
Case 87	6	63,231,367	63,806,114	5	2	7	0
Case 87	6	63,811,569	82,379,575	4	2	6	0
Case 87	6	82,394,320	82,904,341	6	2	8	0
Case 87	6	82,904,346	107,162,032	4	2	6	0
Case 87	6	107,162,154	107,237,052	3	2	5	0
Case 87	6	107,237,748	117,890,791	4	2	6	0

Case 87	6	117,892,023	170,980,171	2	2	4	0
Case 87	7	44,935	2,313,607	5	0	5	1
Case 87	7	2,315,056	3,102,237	6	0	6	1
Case 87	7	3,107,183	3,723,982	7	0	7	1
Case 87	7	3,724,499	7,054,045	6	0	6	1
Case 87	7	7,054,164	8,937,076	7	0	7	1
Case 87	7	8,938,582	8,956,393	9	0	9	1
Case 87	7	8,957,041	21,431,809	8	0	8	1
Case 87	7	21,433,440	41,989,780	7	0	7	1
Case 87	7	41,993,594	42,108,145	1	0	1	0
Case 87	7	42,112,533	43,789,148	7	0	7	1
Case 87	7	43,797,453	46,049,342	6	0	6	1
Case 87	7	46,049,467	47,272,813	7	0	7	1
Case 87	7	47,274,398	51,774,799	6	0	6	1
Case 87	7	51,779,695	53,345,258	7	0	7	1
Case 87	7	53,349,479	54,219,207	7	1	8	0
Case 87	7	54,219,462	58,019,061	6	1	7	0
Case 87	7	61,056,053	62,047,108	6	1	7	0
Case 87	7	62,074,781	62,698,954	11	2	13	0
Case 87	7	62,699,114	66,452,054	7	2	9	0
Case 87	7	66,453,413	66,768,879	5	1	6	0
Case 87	7	66,773,745	67,885,035	3	0	3	1
Case 87	7	67,887,396	86,482,688	3	1	4	0
Case 87	7	86,502,733	97,281,981	3	3	6	0
Case 87	7	97,283,118	99,757,963	3	2	5	0
Case 87	7	99,757,982	102,724,164	2	2	4	0
Case 87	7	102,725,941	137,170,734	3	2	5	0
Case 87	7	137,172,379	149,548,591	2	2	4	0
Case 87	7	149,551,993	149,925,431	3	2	5	0
Case 87	7	149,934,267	153,462,806	2	2	4	0
Case 87	7	153,478,281	153,696,268	5	2	7	0
Case 87	7	153,697,418	159,119,486	2	2	4	0
Case 87	8	164,984	8,984,302	3	0	3	1
Case 87	8	8,986,613	9,112,572	1	0	1	0
Case 87	8	9,121,398	38,840,300	3	0	3	1
Case 87	8	38,840,591	40,146,549	2	0	2	1
Case 87	8	40,152,297	40,452,558	3	0	3	1
Case 87	8	40,456,201	40,541,533	2	0	2	1
Case 87	8	40,542,986	42,413,943	3	0	3	1
Case 87	8	42,414,226	42,507,740	2	0	2	1
Case 87	8	42,509,597	42,618,713	3	0	3	1
Case 87	8	42,620,264	43,447,235	2	0	2	1
Case 87	8	43,473,748	43,791,691	1	0	1	0
Case 87	8	46,886,735	46,965,788	1	0	1	0
Case 87	8	46,982,831	49,039,681	2	0	2	1
Case 87	8	49,046,707	60,345,744	3	2	5	0
Case 87	8	60,346,384	61,396,829	3	1	4	0
Case 87	8	61,418,431	61,911,070	2	1	3	0
Case 87	8	61,920,845	77,929,911	3	1	4	0
Case 87	8	77,931,941	86,171,664	3	2	5	0
Case 87	8	86,171,710	87,671,396	5	2	7	0
Case 87	8	87,673,633	90,300,401	4	2	6	0
Case 87	8	90,307,568	90,534,068	2	0	2	1
Case 87	8	90,539,951	92,730,829	4	2	6	0
Case 87	8	92,736,906	93,592,320	5	2	7	0
Case 87	8	93,593,396	142,106,228	2	2	4	0
Case 87	8	142,108,239	146,293,414	2	1	3	0
Case 87	9	46,587	3,880,627	3	0	3	1
Case 87	9	3,880,643	3,967,645	1	0	1	0
Case 87	9	3,967,758	9,042,840	3	0	3	1
Case 87	9	9,043,421	12,839,484	2	0	2	1

Case 87	9	12,842,241	22,532,249	3	0	3	1
Case 87	9	22,535,511	32,331,414	2	0	2	1
Case 87	9	32,332,855	38,751,317	3	0	3	1
Case 87	9	38,752,068	46,944,322	3	1	4	0
Case 87	9	65,629,772	77,159,265	2	2	4	0
Case 87	9	77,159,715	77,662,999	2	0	2	1
Case 87	9	77,670,081	88,164,213	3	0	3	1
Case 87	9	88,167,035	88,790,268	2	0	2	1
Case 87	9	88,794,032	89,404,665	3	2	5	0
Case 87	9	89,408,927	89,985,014	2	1	3	0
Case 87	9	89,985,250	116,958,646	2	2	4	0
Case 87	9	116,961,156	117,853,237	3	2	5	0
Case 87	9	117,856,114	121,430,880	4	2	6	0
Case 87	9	121,442,207	132,163,254	2	2	4	0
Case 87	9	132,167,567	132,436,381	3	2	5	0
Case 87	9	132,444,099	136,722,358	2	2	4	0
Case 87	9	136,723,520	137,642,654	3	2	5	0
Case 87	9	137,642,705	139,019,445	2	2	4	0
Case 87	9	139,020,613	140,760,661	2	1	3	0
Case 87	9	140,761,465	141,066,491	2	2	4	0
Case 87	10	98,087	32,128,023	2	0	2	1
Case 87	10	32,128,246	33,534,880	4	2	6	0
Case 87	10	33,535,907	35,032,558	2	2	4	0
Case 87	10	35,053,262	39,097,912	3	2	5	0
Case 87	10	42,436,301	42,509,794	3	2	5	0
Case 87	10	42,682,133	72,671,684	2	2	4	0
Case 87	10	72,673,607	72,788,676	2	0	2	1
Case 87	10	72,792,488	74,843,338	4	0	4	1
Case 87	10	74,874,187	76,498,150	4	1	5	0
Case 87	10	76,498,953	80,919,442	2	1	3	0
Case 87	10	80,920,370	80,996,513	2	0	2	1
Case 87	10	80,999,869	94,779,550	2	1	3	0
Case 87	10	94,781,857	133,745,628	4	1	5	0
Case 87	10	133,748,056	135,088,741	3	1	4	0
Case 87	10	135,089,017	135,477,883	2	2	4	0
Case 87	11	193,146	2,095,799	2	1	3	0
Case 87	11	2,095,968	8,370,644	2	2	4	0
Case 87	11	8,374,548	8,710,511	2	0	2	1
Case 87	11	8,714,325	9,408,426	3	0	3	1
Case 87	11	9,416,258	9,546,800	2	0	2	1
Case 87	11	9,550,673	9,910,728	3	0	3	1
Case 87	11	9,912,052	10,186,289	2	0	2	1
Case 87	11	10,211,233	50,467,961	2	2	4	0
Case 87	11	50,468,978	51,591,253	2	1	3	0
Case 87	11	54,794,237	55,415,016	2	1	3	0
Case 87	11	55,424,207	86,140,441	2	2	4	0
Case 87	11	86,145,296	86,266,683	2	1	3	0
Case 87	11	86,267,175	96,127,385	2	2	4	0
Case 87	11	96,131,460	96,236,914	2	1	3	0
Case 87	11	96,241,301	100,291,752	2	2	4	0
Case 87	11	100,308,021	100,830,693	4	2	6	0
Case 87	11	100,837,804	109,357,059	2	2	4	0
Case 87	11	109,382,921	110,147,873	4	2	6	0
Case 87	11	110,156,596	110,270,703	2	0	2	1
Case 87	11	110,287,537	128,856,563	3	0	3	1
Case 87	11	128,857,025	129,150,067	2	0	2	1
Case 87	11	129,161,105	133,939,021	3	0	3	1
Case 87	11	133,941,046	134,934,063	2	0	2	1
Case 87	12	191,619	34,853,011	2	2	4	0
Case 87	12	37,876,400	125,030,939	2	2	4	0
Case 87	12	125,032,789	125,125,778	3	2	5	0

Case 87	12	125,125,932	125,238,811	4	2	6	0
Case 87	12	125,240,557	125,265,636	3	2	5	0
Case 87	12	125,269,323	132,163,328	2	2	4	0
Case 87	12	132,168,129	133,810,935	2	1	3	0
Case 87	13	19,058,717	19,943,770	4	3	7	0
Case 87	13	19,945,191	22,397,453	3	3	6	0
Case 87	13	22,408,920	26,680,704	3	2	5	0
Case 87	13	26,686,438	32,844,834	3	1	4	0
Case 87	13	32,845,230	32,876,514	6	2	8	0
Case 87	13	32,877,321	36,535,192	3	1	4	0
Case 87	13	36,537,530	37,748,064	7	2	9	0
Case 87	13	37,763,182	40,229,585	8	2	10	0
Case 87	13	40,229,891	40,253,741	14	3	17	0
Case 87	13	40,257,949	40,795,656	10	2	12	0
Case 87	13	40,797,756	40,982,876	8	2	10	0
Case 87	13	40,984,601	42,874,615	10	2	12	0
Case 87	13	42,874,690	43,351,947	7	2	9	0
Case 87	13	43,353,044	44,685,946	3	1	4	0
Case 87	13	44,689,605	45,030,799	5	1	6	0
Case 87	13	45,037,165	48,986,450	3	1	4	0
Case 87	13	48,987,032	49,232,391	6	2	8	0
Case 87	13	49,238,912	58,257,265	3	1	4	0
Case 87	13	58,266,222	59,645,513	1	0	1	0
Case 87	13	59,663,358	59,713,597	2	0	2	1
Case 87	13	59,713,776	65,178,318	3	1	4	0
Case 87	13	65,182,365	69,127,905	2	1	3	0
Case 87	13	69,129,159	108,564,358	3	1	4	0
Case 87	13	108,564,597	109,248,034	4	0	4	1
Case 87	13	109,250,314	115,103,529	3	2	5	0
Case 87	14	19,280,733	20,416,499	4	2	6	0
Case 87	14	20,420,338	22,169,400	3	3	6	0
Case 87	14	22,179,595	22,942,619	4	3	7	0
Case 87	14	22,942,890	25,273,163	3	2	5	0
Case 87	14	25,273,366	28,629,231	3	3	6	0
Case 87	14	28,656,044	99,075,053	3	2	5	0
Case 87	14	99,075,777	104,843,394	3	1	4	0
Case 87	14	104,849,219	107,287,663	2	1	3	0
Case 87	15	20,034,919	36,728,799	2	2	4	0
Case 87	15	36,730,953	39,172,185	3	2	5	0
Case 87	15	39,176,075	61,348,204	2	2	4	0
Case 87	15	61,349,920	61,369,371	3	3	6	0
Case 87	15	61,369,747	69,778,982	2	2	4	0
Case 87	15	69,781,764	70,595,576	5	2	7	0
Case 87	15	70,599,743	70,646,062	7	2	9	0
Case 87	15	70,666,282	74,147,244	5	2	7	0
Case 87	15	74,156,086	76,023,721	4	1	5	0
Case 87	15	76,026,807	102,461,162	5	2	7	0
Case 87	16	88,165	1,703,067	4	0	4	1
Case 87	16	1,705,081	1,867,236	1	0	1	0
Case 87	16	1,869,124	5,145,230	4	0	4	1
Case 87	16	5,161,499	7,975,357	5	0	5	1
Case 87	16	7,979,669	8,564,994	3	0	3	1
Case 87	16	8,565,722	27,004,778	5	0	5	1
Case 87	16	27,005,061	35,285,582	4	0	4	1
Case 87	16	46,450,037	51,258,826	5	0	5	1
Case 87	16	51,259,725	55,379,204	6	0	6	1
Case 87	16	55,381,171	58,464,075	5	0	5	1
Case 87	16	58,468,211	59,310,742	7	0	7	1
Case 87	16	59,310,833	66,483,806	6	0	6	1
Case 87	16	66,486,925	68,749,663	5	0	5	1
Case 87	16	68,750,190	80,910,538	6	0	6	1

Case 87	16	80,913,669	82,106,299	5	0	5	1
Case 87	16	82,113,471	84,035,430	6	0	6	1
Case 87	16	84,035,446	88,465,301	5	0	5	1
Case 87	16	88,465,992	90,274,695	4	0	4	1
Case 87	17	11,885	1,675,174	5	0	5	1
Case 87	17	1,675,252	14,362,276	4	0	4	1
Case 87	17	14,363,666	15,878,256	5	0	5	1
Case 87	17	15,878,534	19,313,997	4	0	4	1
Case 87	17	19,314,611	21,707,060	5	0	5	1
Case 87	17	21,717,727	22,242,355	7	0	7	1
Case 87	17	25,268,142	26,643,989	7	0	7	1
Case 87	17	26,644,668	27,969,220	6	0	6	1
Case 87	17	27,998,978	36,498,982	4	0	4	1
Case 87	17	36,499,019	37,047,156	5	0	5	1
Case 87	17	37,047,658	37,801,415	4	0	4	1
Case 87	17	37,804,858	41,176,831	5	0	5	1
Case 87	17	41,179,267	49,514,867	4	0	4	1
Case 87	17	49,515,133	49,533,812	5	1	6	0
Case 87	17	49,540,270	53,904,104	5	0	5	1
Case 87	17	53,904,453	70,642,790	4	0	4	1
Case 87	17	70,642,857	79,587,635	3	0	3	1
Case 87	17	79,596,811	79,612,633	2	0	2	1
Case 87	17	79,614,154	81,060,040	3	0	3	1
Case 87	18	87,505	3,968,414	7	0	7	1
Case 87	18	3,970,124	4,304,557	8	0	8	1
Case 87	18	4,305,905	15,330,525	7	0	7	1
Case 87	18	15,375,878	15,375,878	7	1	8	0
Case 87	18	18,520,354	20,573,157	7	1	8	0
Case 87	18	20,573,213	22,272,798	6	1	7	0
Case 87	18	22,274,400	24,051,229	7	2	9	0
Case 87	18	24,055,407	24,722,932	9	1	10	0
Case 87	18	24,727,747	24,744,646	12	2	14	0
Case 87	18	24,745,889	25,106,111	9	1	10	0
Case 87	18	25,125,958	25,437,752	8	0	8	1
Case 87	18	25,440,258	27,572,034	5	0	5	1
Case 87	18	27,580,903	27,869,383	2	0	2	1
Case 87	18	27,873,601	34,140,651	4	0	4	1
Case 87	18	34,141,546	37,194,499	5	0	5	1
Case 87	18	37,200,183	39,132,894	1	0	1	0
Case 87	18	39,135,598	41,168,311	3	0	3	1
Case 87	18	41,168,491	42,055,478	0	0	0	0
Case 87	18	42,077,844	63,104,519	3	0	3	1
Case 87	18	63,107,169	73,863,714	5	0	5	1
Case 87	18	73,864,476	74,568,937	4	0	4	1
Case 87	18	74,580,780	76,693,565	3	0	3	1
Case 87	18	76,700,509	78,015,180	2	0	2	1
Case 87	19	260,912	1,673,793	3	0	3	1
Case 87	19	1,682,776	9,146,472	4	0	4	1
Case 87	19	9,150,838	9,196,725	5	0	5	1
Case 87	19	9,199,226	11,881,451	4	0	4	1
Case 87	19	11,885,777	11,943,697	3	0	3	1
Case 87	19	11,943,762	11,995,508	4	0	4	1
Case 87	19	12,014,274	12,639,911	3	0	3	1
Case 87	19	12,641,232	24,629,285	4	0	4	1
Case 87	19	27,732,159	32,779,619	4	0	4	1
Case 87	19	32,783,217	35,608,148	3	3	6	0
Case 87	19	35,608,868	36,831,950	3	2	5	0
Case 87	19	36,832,427	38,525,798	3	3	6	0
Case 87	19	38,539,988	41,310,609	3	2	5	0
Case 87	19	41,314,720	43,432,597	4	0	4	1
Case 87	19	43,433,687	45,202,027	4	1	5	0

Case 87	19	45,205,877	46,646,841	3	1	4	0
Case 87	19	46,646,936	46,894,786	4	1	5	0
Case 87	19	46,895,747	48,508,006	3	2	5	0
Case 87	19	48,508,641	49,055,796	4	1	5	0
Case 87	19	49,061,724	50,666,351	3	1	4	0
Case 87	19	50,672,518	55,225,076	3	2	5	0
Case 87	19	55,225,613	56,424,008	2	2	4	0
Case 87	19	56,424,219	59,097,160	3	2	5	0
Case 87	20	63,244	2,262,636	3	2	5	0
Case 87	20	2,268,943	2,418,352	2	1	3	0
Case 87	20	2,421,742	5,718,030	3	2	5	0
Case 87	20	5,727,600	18,297,193	2	2	4	0
Case 87	20	18,297,324	20,660,549	2	1	3	0
Case 87	20	20,664,761	21,321,450	3	1	4	0
Case 87	20	21,327,089	26,293,985	3	2	5	0
Case 87	20	29,425,357	40,849,546	3	2	5	0
Case 87	20	40,859,050	41,153,263	5	2	7	0
Case 87	20	41,160,601	41,378,103	4	3	7	0
Case 87	20	41,381,215	43,613,825	4	2	6	0
Case 87	20	43,625,927	44,354,387	3	2	5	0
Case 87	20	44,356,051	46,516,716	4	2	6	0
Case 87	20	46,534,622	49,746,325	3	2	5	0
Case 87	20	49,758,590	50,308,926	4	2	6	0
Case 87	20	50,309,602	53,965,364	6	2	8	0
Case 87	20	53,971,664	54,399,768	8	2	10	0
Case 87	20	54,410,935	54,840,299	5	2	7	0
Case 87	20	54,841,663	60,306,366	4	2	6	0
Case 87	20	60,308,251	62,948,788	3	1	4	0
Case 87	21	10,827,533	10,971,337	4	0	4	1
Case 87	21	14,368,320	43,032,820	4	0	4	1
Case 87	21	43,033,307	48,100,155	3	0	3	1
Case 87	22	16,114,244	25,792,267	3	2	5	0
Case 87	22	25,809,371	29,863,152	3	0	3	1
Case 87	22	29,867,584	48,216,822	3	2	5	0
Case 87	22	48,218,843	51,072,161	3	0	3	1
Case 87	22	51,078,251	51,195,728	2	2	4	0
Case 87	X	2,700,157	5,587,394	2	1	3	0
Case 87	X	5,587,613	23,783,864	1	0	1	0
Case 87	X	23,788,151	58,488,110	2	1	3	0
Case 87	X	61,694,576	154,898,561	2	1	3	0
Case 88	1	82,154	7,895,864	3	2	5	0
Case 88	1	7,897,133	17,649,796	2	2	4	0
Case 88	1	17,655,407	19,415,254	3	2	5	0
Case 88	1	19,415,304	29,556,399	2	2	4	0
Case 88	1	29,557,367	31,372,734	3	2	5	0
Case 88	1	31,377,743	41,463,092	2	2	4	0
Case 88	1	41,468,787	42,738,366	3	2	5	0
Case 88	1	42,744,214	47,948,764	2	2	4	0
Case 88	1	47,948,798	50,966,897	3	2	5	0
Case 88	1	50,970,475	88,220,476	2	2	4	0
Case 88	1	88,231,484	89,014,943	3	2	5	0
Case 88	1	89,016,499	115,356,071	2	2	4	0
Case 88	1	115,357,015	121,346,616	3	2	5	0
Case 88	1	142,649,718	175,029,932	2	2	4	0
Case 88	1	175,033,141	178,532,188	3	2	5	0
Case 88	1	178,532,223	200,718,422	2	2	4	0
Case 88	1	200,721,265	210,057,927	3	2	5	0
Case 88	1	210,066,145	227,862,055	2	2	4	0
Case 88	1	227,880,275	228,651,011	3	2	5	0
Case 88	1	228,651,457	249,089,971	2	2	4	0
Case 88	1	249,098,988	249,218,992	3	2	5	0

Case 88	2	18,674	23,898,317	3	2	5	0
Case 88	2	23,898,966	29,217,896	2	2	4	0
Case 88	2	29,218,411	31,986,063	3	2	5	0
Case 88	2	32,014,315	34,145,755	2	2	4	0
Case 88	2	34,147,024	38,469,908	3	2	5	0
Case 88	2	38,470,492	39,822,983	2	2	4	0
Case 88	2	39,830,183	43,726,006	3	2	5	0
Case 88	2	43,732,823	44,861,910	2	2	4	0
Case 88	2	44,865,678	47,510,324	3	2	5	0
Case 88	2	47,511,181	48,965,022	2	2	4	0
Case 88	2	48,973,162	55,146,720	3	2	5	0
Case 88	2	55,146,868	56,082,610	2	2	4	0
Case 88	2	56,085,261	60,881,975	3	2	5	0
Case 88	2	60,888,202	62,679,582	2	2	4	0
Case 88	2	62,680,153	92,081,640	3	2	5	0
Case 88	2	95,429,424	99,242,245	3	2	5	0
Case 88	2	99,247,820	102,472,459	2	2	4	0
Case 88	2	102,475,463	135,362,981	3	2	5	0
Case 88	2	135,389,197	136,743,490	2	2	4	0
Case 88	2	136,756,554	156,541,170	3	2	5	0
Case 88	2	156,546,655	168,009,405	2	2	4	0
Case 88	2	168,015,952	170,153,674	3	2	5	0
Case 88	2	170,153,975	175,893,333	2	2	4	0
Case 88	2	175,901,341	209,534,957	3	2	5	0
Case 88	2	209,535,670	217,542,888	2	2	4	0
Case 88	2	217,543,499	221,549,153	3	2	5	0
Case 88	2	221,550,136	231,177,904	2	2	4	0
Case 88	2	231,178,876	243,048,760	3	2	5	0
Case 88	3	61,495	9,300,870	3	2	5	0
Case 88	3	9,302,032	10,342,876	2	2	4	0
Case 88	3	10,342,986	11,079,520	3	2	5	0
Case 88	3	11,080,169	12,864,406	2	2	4	0
Case 88	3	12,864,518	23,209,677	3	2	5	0
Case 88	3	23,214,269	58,562,525	2	2	4	0
Case 88	3	58,563,151	60,256,485	3	2	5	0
Case 88	3	60,257,587	90,442,925	2	2	4	0
Case 88	3	93,537,290	93,611,911	2	2	4	0
Case 88	3	93,612,369	101,231,731	3	2	5	0
Case 88	3	101,231,921	101,805,624	2	2	4	0
Case 88	3	101,807,592	135,720,404	3	2	5	0
Case 88	3	135,720,407	136,751,674	2	2	4	0
Case 88	3	136,752,551	141,275,436	3	2	5	0
Case 88	3	141,278,737	157,172,112	2	2	4	0
Case 88	3	157,178,026	195,517,258	3	2	5	0
Case 88	3	195,517,321	197,838,262	2	2	4	0
Case 88	4	71,566	49,620,898	2	2	4	0
Case 88	4	52,697,856	133,987,761	2	2	4	0
Case 88	4	134,014,299	156,415,404	3	2	5	0
Case 88	4	156,416,305	190,963,766	2	2	4	0
Case 88	5	38,139	2,123,985	3	2	5	0
Case 88	5	2,129,233	29,729,100	2	2	4	0
Case 88	5	29,729,165	31,305,265	3	2	5	0
Case 88	5	31,315,377	46,399,093	2	2	4	0
Case 88	5	49,457,282	81,319,824	2	2	4	0
Case 88	5	81,324,365	90,317,558	3	2	5	0
Case 88	5	90,348,787	108,550,889	2	2	4	0
Case 88	5	108,554,780	109,058,683	3	2	5	0
Case 88	5	109,065,098	166,634,403	2	2	4	0
Case 88	5	166,649,746	171,273,406	3	2	5	0
Case 88	5	171,274,225	172,656,107	2	2	4	0
Case 88	5	172,657,021	175,176,876	3	2	5	0



Case 88	5	175,177,445	180,693,127	2	2	4	0
Case 88	6	108,666	30,389,323	2	2	4	0
Case 88	6	30,391,723	43,691,873	3	2	5	0
Case 88	6	43,695,675	56,463,371	2	2	4	0
Case 88	6	56,463,410	58,752,089	3	2	5	0
Case 88	6	61,891,118	69,285,887	3	2	5	0
Case 88	6	69,287,242	112,006,549	2	2	4	0
Case 88	6	112,007,280	116,764,563	3	2	5	0
Case 88	6	116,768,917	170,980,171	2	2	4	0
Case 88	7	44,935	58,019,061	3	2	5	0
Case 88	7	61,056,053	61,994,170	3	2	5	0
Case 88	7	62,035,570	62,479,327	2	1	3	0
Case 88	7	62,510,311	77,594,628	2	2	4	0
Case 88	7	77,595,063	91,314,594	3	2	5	0
Case 88	7	91,320,854	92,395,464	2	2	4	0
Case 88	7	92,402,480	124,270,732	3	2	5	0
Case 88	7	124,270,979	142,022,250	2	2	4	0
Case 88	7	142,022,633	159,119,486	3	2	5	0
Case 88	8	164,984	43,791,691	2	2	4	0
Case 88	8	46,886,735	77,377,945	2	2	4	0
Case 88	8	77,397,120	141,219,996	3	2	5	0
Case 88	8	141,220,019	142,170,813	2	2	4	0
Case 88	8	142,170,865	146,293,414	3	2	5	0
Case 88	9	46,587	6,873,125	2	2	4	0
Case 88	9	6,876,538	15,115,717	3	2	5	0
Case 88	9	15,122,969	15,815,246	2	2	4	0
Case 88	9	15,823,667	16,587,648	3	2	5	0
Case 88	9	16,596,071	17,650,027	2	2	4	0
Case 88	9	17,651,870	18,973,918	3	2	5	0
Case 88	9	18,974,072	19,479,201	2	2	4	0
Case 88	9	19,479,536	20,287,282	3	2	5	0
Case 88	9	20,287,612	28,705,864	2	2	4	0
Case 88	9	28,715,676	46,944,322	3	2	5	0
Case 88	9	65,629,772	115,326,187	2	2	4	0
Case 88	9	115,335,386	127,662,748	3	2	5	0
Case 88	9	127,670,702	136,029,312	2	2	4	0
Case 88	9	136,029,410	141,066,491	3	2	5	0
Case 88	10	98,087	3,166,109	3	2	5	0
Case 88	10	3,166,345	39,097,912	2	2	4	0
Case 88	10	42,436,301	45,107,555	2	2	4	0
Case 88	10	45,117,466	69,530,678	3	2	5	0
Case 88	10	69,543,215	70,652,369	2	2	4	0
Case 88	10	70,652,467	88,336,113	3	2	5	0
Case 88	10	88,336,279	99,625,319	2	2	4	0
Case 88	10	99,625,463	100,240,246	3	2	5	0
Case 88	10	100,240,305	121,362,660	2	2	4	0
Case 88	10	121,365,398	125,134,010	3	2	5	0
Case 88	10	125,134,743	135,231,994	2	2	4	0
Case 88	10	135,233,095	135,477,883	3	2	5	0
Case 88	11	193,146	3,263,298	3	2	5	0
Case 88	11	3,263,621	17,394,597	2	2	4	0
Case 88	11	17,395,760	18,270,669	3	2	5	0
Case 88	11	18,271,929	34,436,686	2	2	4	0
Case 88	11	34,437,027	46,292,055	3	2	5	0
Case 88	11	46,297,631	51,591,253	2	2	4	0
Case 88	11	54,794,237	77,885,245	2	2	4	0
Case 88	11	77,885,385	82,508,987	3	2	5	0
Case 88	11	82,510,454	86,997,694	2	2	4	0
Case 88	11	87,006,224	92,646,254	3	2	5	0
Case 88	11	92,648,639	112,208,568	2	2	4	0
Case 88	11	112,208,967	122,293,813	3	2	5	0

Case 88	11	122,308,215	123,158,221	2	2	4	0
Case 88	11	123,161,406	134,934,063	3	2	5	0
Case 88	12	191,619	7,730,186	3	2	5	0
Case 88	12	7,735,241	8,146,162	2	2	4	0
Case 88	12	8,161,503	12,172,270	3	2	5	0
Case 88	12	12,173,711	13,126,372	2	2	4	0
Case 88	12	13,126,464	31,411,051	3	2	5	0
Case 88	12	31,413,325	33,118,155	2	2	4	0
Case 88	12	33,119,497	34,781,188	3	2	5	0
Case 88	12	34,801,271	34,853,011	2	2	4	0
Case 88	12	37,876,400	41,958,184	2	2	4	0
Case 88	12	41,959,106	48,062,824	3	2	5	0
Case 88	12	48,063,926	51,926,164	2	2	4	0
Case 88	12	51,930,529	65,110,586	3	2	5	0
Case 88	12	65,113,929	74,007,403	2	2	4	0
Case 88	12	74,012,068	92,969,355	3	2	5	0
Case 88	12	92,977,464	97,073,297	2	2	4	0
Case 88	12	97,074,975	101,671,485	3	2	5	0
Case 88	12	101,673,707	102,711,442	2	2	4	0
Case 88	12	102,714,505	133,810,935	3	2	5	0
Case 88	13	19,058,717	33,307,358	2	2	4	0
Case 88	13	33,307,709	41,068,593	3	2	5	0
Case 88	13	41,071,395	42,073,094	2	2	4	0
Case 88	13	42,077,774	49,795,272	3	2	5	0
Case 88	13	49,795,705	50,703,185	2	2	4	0
Case 88	13	50,709,824	62,321,073	3	2	5	0
Case 88	13	62,332,370	111,637,374	2	2	4	0
Case 88	13	111,638,313	115,103,529	3	2	5	0
Case 88	14	19,280,733	20,445,370	3	2	5	0
Case 88	14	20,445,618	22,169,400	2	2	4	0
Case 88	14	22,179,595	23,021,930	3	2	5	0
Case 88	14	23,022,443	33,651,174	2	2	4	0
Case 88	14	33,651,720	34,697,378	3	2	5	0
Case 88	14	34,697,855	97,790,901	2	2	4	0
Case 88	14	97,792,548	102,210,398	3	2	5	0
Case 88	14	102,238,630	104,381,502	2	2	4	0
Case 88	14	104,381,687	107,287,663	3	2	5	0
Case 88	15	20,034,919	46,073,459	2	2	4	0
Case 88	15	46,078,042	50,548,243	3	2	5	0
Case 88	15	50,549,731	51,289,605	2	2	4	0
Case 88	15	51,289,931	55,381,236	3	2	5	0
Case 88	15	55,382,590	57,731,177	2	2	4	0
Case 88	15	57,731,182	58,591,843	3	2	5	0
Case 88	15	58,592,926	60,895,636	2	2	4	0
Case 88	15	60,899,639	81,917,985	3	2	5	0
Case 88	15	81,932,111	86,631,744	2	2	4	0
Case 88	15	86,632,093	90,059,097	3	2	5	0
Case 88	15	90,060,558	91,751,493	2	2	4	0
Case 88	15	91,754,096	93,132,563	3	2	5	0
Case 88	15	93,135,721	94,167,689	2	2	4	0
Case 88	15	94,177,193	102,461,162	3	2	5	0
Case 88	16	88,165	2,950,185	3	2	5	0
Case 88	16	2,952,423	29,182,179	2	2	4	0
Case 88	16	29,182,190	35,285,582	3	2	5	0
Case 88	16	46,450,037	53,998,930	2	2	4	0
Case 88	16	54,000,792	56,394,035	3	2	5	0
Case 88	16	56,396,486	85,248,324	2	2	4	0
Case 88	16	85,251,237	90,274,695	3	2	5	0
Case 88	17	11,885	113,794	3	2	5	0
Case 88	17	114,669	22,242,355	2	2	4	0
Case 88	17	25,268,142	31,094,760	2	2	4	0

Case 88	17	31,099,821	33,324,525	3	2	5	0
Case 88	17	33,326,780	34,405,314	2	2	4	0
Case 88	17	34,406,906	34,819,750	3	3	6	0
Case 88	17	34,823,170	47,772,525	2	2	4	0
Case 88	17	47,777,421	53,830,710	3	2	5	0
Case 88	17	53,833,334	75,661,063	2	2	4	0
Case 88	17	75,663,256	81,060,040	3	2	5	0
Case 88	18	87,505	15,375,878	2	2	4	0
Case 88	18	18,520,354	38,542,585	2	2	4	0
Case 88	18	38,560,257	56,206,955	3	2	5	0
Case 88	18	56,208,495	61,196,477	2	2	4	0
Case 88	18	61,197,793	78,015,180	3	2	5	0
Case 88	19	260,912	2,369,415	3	2	5	0
Case 88	19	2,369,931	18,132,540	2	2	4	0
Case 88	19	18,141,123	19,819,843	3	2	5	0
Case 88	19	19,822,049	24,629,285	2	2	4	0
Case 88	19	27,732,159	28,243,881	2	2	4	0
Case 88	19	28,246,742	32,480,248	3	2	5	0
Case 88	19	32,497,384	38,989,881	2	2	4	0
Case 88	19	38,989,882	52,232,324	3	2	5	0
Case 88	19	52,234,447	54,308,554	2	2	4	0
Case 88	19	54,308,639	56,751,782	3	2	5	0
Case 88	19	56,752,041	58,846,554	2	2	4	0
Case 88	19	58,846,556	59,097,160	3	2	5	0
Case 88	20	63,244	169,701	3	2	5	0
Case 88	20	169,995	26,293,985	2	2	4	0
Case 88	20	29,425,357	36,145,228	2	2	4	0
Case 88	20	36,147,401	62,948,788	3	2	5	0
Case 88	21	10,827,533	10,971,337	2	2	4	0
Case 88	21	14,368,320	38,802,816	2	2	4	0
Case 88	21	38,815,830	48,100,155	3	2	5	0
Case 88	22	16,114,244	19,928,022	2	2	4	0
Case 88	22	19,928,806	20,748,934	3	2	5	0
Case 88	22	20,749,694	36,976,975	2	2	4	0
Case 88	22	36,978,190	38,355,343	3	2	5	0
Case 88	22	38,363,113	48,739,642	2	2	4	0
Case 88	22	48,741,583	51,195,728	3	2	5	0
Case 88	X	2,700,157	29,361,889	3	2	5	0
Case 88	X	29,372,188	30,948,624	2	2	4	0
Case 88	X	30,954,114	58,488,110	3	2	5	0
Case 88	X	61,694,576	154,898,561	3	2	5	0
Case 89	1	82,154	874,501	2	1	3	0
Case 89	1	874,673	29,611,369	1	0	1	0
Case 89	1	29,616,224	74,858,724	2	1	3	0
Case 89	1	74,858,887	74,907,316	4	2	6	0
Case 89	1	74,918,027	121,346,616	2	1	3	0
Case 89	1	142,649,718	145,101,177	3	1	4	0
Case 89	1	145,103,644	145,704,639	5	0	5	1
Case 89	1	145,723,120	147,826,789	6	0	6	1
Case 89	1	148,003,653	150,864,164	2	1	3	0
Case 89	1	150,884,271	151,773,167	3	0	3	1
Case 89	1	151,773,851	153,801,098	3	1	4	0
Case 89	1	153,805,735	154,918,277	5	0	5	1
Case 89	1	154,918,369	164,339,179	4	1	5	0
Case 89	1	164,348,564	166,191,677	5	0	5	1
Case 89	1	166,206,684	170,632,808	4	1	5	0
Case 89	1	170,633,397	176,833,497	1	0	1	0
Case 89	1	176,833,571	177,487,136	2	1	3	0
Case 89	1	177,493,799	241,603,554	3	1	4	0
Case 89	1	241,608,403	241,822,182	1	0	1	0
Case 89	1	241,823,862	245,170,495	3	1	4	0

Case 89	1	245,173,460	245,205,890	4	1	5	0
Case 89	1	245,219,054	249,218,992	3	1	4	0
Case 89	2	18,674	14,078,213	2	1	3	0
Case 89	2	14,078,931	51,643,322	2	2	4	0
Case 89	2	51,648,736	92,081,640	2	1	3	0
Case 89	2	95,429,424	173,694,029	2	1	3	0
Case 89	2	173,699,252	175,353,898	2	2	4	0
Case 89	2	175,360,010	194,807,107	2	1	3	0
Case 89	2	194,837,858	199,414,462	3	1	4	0
Case 89	2	199,438,565	241,382,083	2	1	3	0
Case 89	2	241,385,787	242,971,871	1	1	2	0
Case 89	2	242,996,474	243,048,760	2	2	4	0
Case 89	3	61,495	565,961	2	2	4	0
Case 89	3	580,021	21,851,803	2	1	3	0
Case 89	3	21,852,139	47,777,612	2	0	2	1
Case 89	3	47,777,774	77,885,601	2	1	3	0
Case 89	3	77,887,303	79,927,812	2	0	2	1
Case 89	3	79,951,653	81,898,999	2	1	3	0
Case 89	3	81,905,441	84,244,787	2	0	2	1
Case 89	3	84,245,741	86,571,808	2	1	3	0
Case 89	3	86,573,780	90,442,925	2	0	2	1
Case 89	3	93,537,290	114,889,454	2	0	2	1
Case 89	3	114,913,508	120,601,829	2	1	3	0
Case 89	3	120,604,574	173,424,373	2	2	4	0
Case 89	3	173,431,705	197,838,262	2	0	2	1
Case 89	4	71,566	905,524	2	0	2	1
Case 89	4	924,280	2,517,447	2	1	3	0
Case 89	4	2,559,990	6,072,923	2	0	2	1
Case 89	4	6,075,470	6,213,622	2	1	3	0
Case 89	4	6,218,099	31,890,470	2	0	2	1
Case 89	4	31,893,113	48,437,360	2	1	3	0
Case 89	4	48,459,365	49,620,898	2	2	4	0
Case 89	4	52,697,856	55,049,751	2	2	4	0
Case 89	4	55,061,398	86,916,193	3	0	3	1
Case 89	4	86,916,225	171,327,181	2	0	2	1
Case 89	4	171,339,965	171,853,059	4	0	4	1
Case 89	4	171,860,973	188,311,821	3	0	3	1
Case 89	4	188,317,381	190,963,766	2	0	2	1
Case 89	5	38,139	28,888,774	2	1	3	0
Case 89	5	28,899,999	46,117,770	2	2	4	0
Case 89	5	46,127,095	46,399,093	1	1	2	0
Case 89	5	49,457,282	49,694,961	1	0	1	0
Case 89	5	49,695,761	139,295,821	2	0	2	1
Case 89	5	139,303,341	165,160,664	3	0	3	1
Case 89	5	165,170,651	180,338,584	2	0	2	1
Case 89	5	180,338,602	180,693,127	3	0	3	1
Case 89	6	108,666	58,752,089	2	1	3	0
Case 89	6	61,891,118	169,334,898	2	1	3	0
Case 89	6	169,338,671	170,382,923	1	1	2	0
Case 89	6	170,384,030	170,980,171	3	1	4	0
Case 89	7	44,935	7,097,895	2	2	4	0
Case 89	7	7,116,397	13,753,853	3	2	5	0
Case 89	7	13,755,474	38,288,270	2	2	4	0
Case 89	7	38,291,851	38,358,412	3	3	6	0
Case 89	7	38,358,956	58,019,061	2	2	4	0
Case 89	7	61,056,053	97,044,705	2	2	4	0
Case 89	7	97,061,931	158,519,615	2	0	2	1
Case 89	7	158,524,763	159,119,486	3	0	3	1
Case 89	8	164,984	714,648	1	0	1	0
Case 89	8	719,043	2,523,398	8	0	8	1
Case 89	8	2,527,251	3,029,364	7	0	7	1

Case 89	8	3,030,335	3,496,633	10	0	10	1
Case 89	8	3,500,352	9,290,056	5	0	5	1
Case 89	8	9,290,753	9,745,798	0	0	0	0
Case 89	8	9,758,230	10,044,801	6	0	6	1
Case 89	8	10,046,638	11,860,845	9	0	9	1
Case 89	8	12,181,277	13,027,912	7	0	7	1
Case 89	8	13,034,369	13,923,923	3	0	3	1
Case 89	8	13,924,510	14,844,324	11	0	11	1
Case 89	8	14,848,938	15,931,373	10	0	10	1
Case 89	8	15,932,333	16,272,892	7	0	7	1
Case 89	8	16,282,259	20,576,344	3	0	3	1
Case 89	8	20,576,761	35,316,657	2	0	2	1
Case 89	8	35,316,788	39,399,057	2	2	4	0
Case 89	8	39,403,894	43,413,955	2	1	3	0
Case 89	8	43,414,155	43,791,691	1	1	2	0
Case 89	8	46,886,735	51,465,681	1	1	2	0
Case 89	8	51,465,733	67,909,062	2	1	3	0
Case 89	8	67,922,949	69,132,033	2	2	4	0
Case 89	8	69,133,585	74,853,706	2	1	3	0
Case 89	8	74,861,484	75,101,074	3	1	4	0
Case 89	8	75,109,785	77,243,452	2	1	3	0
Case 89	8	77,246,394	78,298,314	3	1	4	0
Case 89	8	78,322,385	81,640,595	1	1	2	0
Case 89	8	81,677,834	87,146,973	2	1	3	0
Case 89	8	87,148,991	88,156,383	3	1	4	0
Case 89	8	88,166,193	89,006,607	2	1	3	0
Case 89	8	89,007,711	123,088,145	1	1	2	0
Case 89	8	123,093,555	146,293,414	2	1	3	0
Case 89	9	46,587	33,058,162	2	0	2	1
Case 89	9	33,062,154	37,055,109	3	0	3	1
Case 89	9	37,056,373	46,944,322	2	0	2	1
Case 89	9	65,629,772	75,872,324	1	0	1	0
Case 89	9	75,877,116	77,516,005	5	0	5	1
Case 89	9	77,516,923	78,369,864	6	0	6	1
Case 89	9	78,369,986	83,539,913	5	0	5	1
Case 89	9	83,540,744	83,599,708	3	0	3	1
Case 89	9	83,603,221	86,231,370	5	0	5	1
Case 89	9	86,232,809	86,796,094	2	0	2	1
Case 89	9	86,802,590	87,118,778	5	0	5	1
Case 89	9	87,125,877	87,325,623	3	0	3	1
Case 89	9	87,338,511	98,488,882	5	0	5	1
Case 89	9	98,493,505	118,070,259	2	0	2	1
Case 89	9	118,073,084	118,397,913	5	0	5	1
Case 89	9	118,405,173	119,901,378	3	0	3	1
Case 89	9	119,903,506	122,308,536	4	0	4	1
Case 89	9	122,312,068	126,220,148	2	0	2	1
Case 89	9	126,227,862	127,031,054	1	0	1	0
Case 89	9	127,035,761	135,241,588	2	0	2	1
Case 89	9	135,245,867	141,066,491	4	0	4	1
Case 89	10	98,087	16,535,688	2	0	2	1
Case 89	10	16,535,888	16,572,258	4	0	4	1
Case 89	10	16,581,629	16,725,247	2	0	2	1
Case 89	10	16,728,869	16,873,816	3	0	3	1
Case 89	10	16,876,107	39,097,912	2	0	2	1
Case 89	10	42,436,301	42,682,133	2	0	2	1
Case 89	10	42,725,663	110,610,160	2	1	3	0
Case 89	10	110,612,757	135,477,883	3	0	3	1
Case 89	11	193,146	4,729,164	2	0	2	1
Case 89	11	4,730,320	7,670,160	3	0	3	1
Case 89	11	7,670,353	10,673,688	2	1	3	0
Case 89	11	10,673,739	15,398,601	3	2	5	0

Case 89	11	15,401,144	39,593,038	2	2	4	0
Case 89	11	39,604,010	42,246,718	3	2	5	0
Case 89	11	42,247,461	43,197,227	2	2	4	0
Case 89	11	43,199,535	44,502,787	3	2	5	0
Case 89	11	44,506,198	50,296,502	2	2	4	0
Case 89	11	50,325,741	51,591,253	2	0	2	1
Case 89	11	54,794,237	55,027,673	2	0	2	1
Case 89	11	55,028,549	83,215,072	2	1	3	0
Case 89	11	83,231,580	89,843,478	4	1	5	0
Case 89	11	89,843,565	92,694,757	3	2	5	0
Case 89	11	92,701,596	99,644,668	4	0	4	1
Case 89	11	99,646,237	99,854,317	5	0	5	1
Case 89	11	99,855,646	107,729,106	4	0	4	1
Case 89	11	107,729,615	109,812,865	5	0	5	1
Case 89	11	109,825,345	134,430,272	2	0	2	1
Case 89	11	134,432,050	134,934,063	3	0	3	1
Case 89	12	191,619	9,362,104	4	1	5	0
Case 89	12	9,362,931	11,810,846	5	1	6	0
Case 89	12	11,812,330	11,877,420	4	2	6	0
Case 89	12	11,888,423	18,402,485	2	0	2	1
Case 89	12	18,408,596	33,778,550	2	2	4	0
Case 89	12	33,788,835	34,853,011	2	1	3	0
Case 89	12	37,876,400	46,531,876	2	1	3	0
Case 89	12	46,537,244	49,982,238	2	2	4	0
Case 89	12	49,982,242	124,553,029	2	1	3	0
Case 89	12	124,561,803	124,667,587	3	2	5	0
Case 89	12	124,668,064	128,244,331	2	2	4	0
Case 89	12	128,245,575	133,642,499	2	1	3	0
Case 89	12	133,647,690	133,810,935	2	2	4	0
Case 89	13	19,058,717	20,688,590	3	1	4	0
Case 89	13	20,689,298	21,473,952	2	1	3	0
Case 89	13	21,483,113	37,881,141	3	0	3	1
Case 89	13	37,882,220	37,968,151	1	0	1	0
Case 89	13	37,969,197	43,469,222	3	0	3	1
Case 89	13	43,471,403	43,768,575	3	2	5	0
Case 89	13	43,769,263	55,703,495	3	0	3	1
Case 89	13	55,711,560	58,768,674	2	1	3	0
Case 89	13	58,769,062	59,608,726	3	0	3	1
Case 89	13	59,613,195	60,845,246	2	2	4	0
Case 89	13	60,846,341	63,277,176	2	1	3	0
Case 89	13	63,280,874	68,491,550	1	0	1	0
Case 89	13	68,505,870	69,093,271	2	0	2	1
Case 89	13	69,094,224	72,882,258	1	0	1	0
Case 89	13	72,887,795	76,721,792	3	0	3	1
Case 89	13	76,726,422	77,847,651	3	2	5	0
Case 89	13	77,854,638	81,289,215	2	2	4	0
Case 89	13	81,290,907	88,040,398	2	1	3	0
Case 89	13	88,047,853	89,192,085	2	0	2	1
Case 89	13	89,193,343	113,110,185	3	0	3	1
Case 89	13	113,110,663	114,740,938	2	0	2	1
Case 89	13	114,746,660	115,103,529	3	0	3	1
Case 89	14	19,280,733	20,478,763	3	1	4	0
Case 89	14	20,480,547	22,340,127	2	1	3	0
Case 89	14	22,340,647	22,988,571	3	1	4	0
Case 89	14	22,997,833	76,696,207	2	1	3	0
Case 89	14	76,697,813	76,805,927	3	1	4	0
Case 89	14	76,806,538	80,757,649	2	1	3	0
Case 89	14	80,768,079	107,287,663	1	1	2	0
Case 89	15	20,034,919	24,327,659	2	0	2	1
Case 89	15	24,328,497	26,428,488	2	2	4	0
Case 89	15	26,440,143	43,769,931	2	0	2	1

Case 89	15	43,771,694	44,109,452	2	2	4	0
Case 89	15	44,116,053	64,446,794	2	0	2	1
Case 89	15	64,448,304	75,925,592	2	2	4	0
Case 89	15	75,927,717	102,461,162	2	1	3	0
Case 89	16	88,165	524,305	3	0	3	1
Case 89	16	532,645	6,701,566	2	0	2	1
Case 89	16	6,703,929	6,796,804	1	0	1	0
Case 89	16	6,796,866	35,285,582	2	0	2	1
Case 89	16	46,450,037	48,061,138	2	0	2	1
Case 89	16	48,066,750	48,879,453	4	0	4	1
Case 89	16	48,879,459	49,476,172	5	0	5	1
Case 89	16	49,480,335	90,274,695	2	0	2	1
Case 89	17	11,885	21,318,753	2	0	2	1
Case 89	17	21,318,760	22,242,355	2	1	3	0
Case 89	17	25,268,142	31,317,698	2	1	3	0
Case 89	17	31,318,829	33,349,270	3	1	4	0
Case 89	17	33,351,917	35,746,196	3	0	3	1
Case 89	17	35,748,867	37,922,295	2	1	3	0
Case 89	17	37,922,339	38,248,354	3	0	3	1
Case 89	17	38,250,046	38,609,187	2	1	3	0
Case 89	17	38,610,665	46,262,171	2	2	4	0
Case 89	17	46,291,414	46,407,434	3	3	6	0
Case 89	17	46,411,500	47,960,806	2	2	4	0
Case 89	17	47,967,675	48,106,403	3	1	4	0
Case 89	17	48,108,052	49,459,341	2	2	4	0
Case 89	17	49,461,290	49,876,461	3	1	4	0
Case 89	17	49,877,896	50,760,873	2	2	4	0
Case 89	17	50,765,191	51,831,506	3	0	3	1
Case 89	17	51,848,808	54,215,810	2	1	3	0
Case 89	17	54,217,491	54,990,964	3	0	3	1
Case 89	17	55,010,062	56,056,706	2	1	3	0
Case 89	17	56,057,181	57,641,506	3	0	3	1
Case 89	17	57,651,101	59,372,034	2	1	3	0
Case 89	17	59,374,867	60,018,352	3	0	3	1
Case 89	17	60,018,875	65,587,499	2	2	4	0
Case 89	17	65,599,398	65,994,627	2	1	3	0
Case 89	17	65,994,679	67,542,493	3	0	3	1
Case 89	17	67,554,920	81,060,040	2	1	3	0
Case 89	18	87,505	4,797,073	4	2	6	0
Case 89	18	4,798,533	5,015,145	5	1	6	0
Case 89	18	5,020,501	5,398,134	2	1	3	0
Case 89	18	5,405,326	10,275,935	4	1	5	0
Case 89	18	10,276,815	15,102,421	5	0	5	1
Case 89	18	15,249,516	15,375,878	2	1	3	0
Case 89	18	18,520,354	20,346,007	2	1	3	0
Case 89	18	20,354,747	48,505,414	2	0	2	1
Case 89	18	48,510,505	49,765,016	1	0	1	0
Case 89	18	49,770,823	74,164,946	4	0	4	1
Case 89	18	74,169,329	78,015,180	3	1	4	0
Case 89	19	260,912	2,609,815	1	1	2	0
Case 89	19	2,617,422	17,212,570	2	1	3	0
Case 89	19	17,212,571	23,927,522	1	1	2	0
Case 89	19	23,927,795	24,629,285	2	1	3	0
Case 89	19	27,732,159	56,657,388	2	1	3	0
Case 89	19	56,659,742	56,684,824	1	0	1	0
Case 89	19	56,685,463	59,097,160	2	1	3	0
Case 89	20	63,244	304,086	2	1	3	0
Case 89	20	309,692	16,655,964	1	1	2	0
Case 89	20	16,659,448	26,293,985	1	0	1	0
Case 89	20	29,425,357	29,445,644	1	0	1	0
Case 89	20	29,507,776	42,264,653	3	1	4	0

Case 89	20	42,265,804	46,827,141	3	2	5	0
Case 89	20	46,828,160	50,455,228	7	1	8	0
Case 89	20	50,459,530	51,808,899	8	1	9	0
Case 89	20	51,810,111	53,619,811	6	2	8	0
Case 89	20	53,620,423	61,302,510	3	1	4	0
Case 89	20	61,303,004	62,948,788	2	1	3	0
Case 89	21	10,827,533	10,971,337	2	0	2	1
Case 89	21	14,368,320	48,100,155	2	0	2	1
Case 89	22	16,114,244	27,113,741	2	0	2	1
Case 89	22	27,118,181	28,042,532	3	0	3	1
Case 89	22	28,045,229	51,195,728	2	0	2	1
Case 89	X	2,700,157	58,488,110	1	0	1	0
Case 89	X	61,694,576	154,898,561	1	0	1	0
Case 91	1	82,154	121,346,616	1	1	2	0
Case 91	1	142,649,718	215,301,524	1	1	2	0
Case 91	1	215,307,777	216,144,049	1	0	1	0
Case 91	1	216,151,789	249,218,992	1	1	2	0
Case 91	2	18,674	92,081,640	1	1	2	0
Case 91	2	95,429,424	243,048,760	1	1	2	0
Case 91	3	61,495	59,877,988	1	0	1	0
Case 91	3	59,878,365	59,920,912	0	0	0	0
Case 91	3	59,921,786	60,374,028	1	0	1	0
Case 91	3	60,379,253	60,647,540	0	0	0	0
Case 91	3	60,655,448	76,114,576	1	0	1	0
Case 91	3	76,118,545	90,442,925	2	0	2	1
Case 91	3	93,537,290	197,838,262	2	0	2	1
Case 91	4	71,566	49,620,898	1	1	2	0
Case 91	4	52,697,856	190,963,766	1	1	2	0
Case 91	5	38,139	32,101,400	1	1	2	0
Case 91	5	32,107,381	32,217,141	2	1	3	0
Case 91	5	32,221,259	46,399,093	1	1	2	0
Case 91	5	49,457,282	180,693,127	1	1	2	0
Case 91	6	108,666	58,752,089	1	0	1	0
Case 91	6	61,891,118	170,980,171	1	0	1	0
Case 91	7	44,935	38,297,145	1	1	2	0
Case 91	7	38,298,285	38,371,474	2	1	3	0
Case 91	7	38,374,697	58,019,061	1	1	2	0
Case 91	7	61,056,053	159,119,486	1	1	2	0
Case 91	8	164,984	2,135,762	1	1	2	0
Case 91	8	2,142,267	2,214,734	2	1	3	0
Case 91	8	2,214,787	43,791,691	1	1	2	0
Case 91	8	46,886,735	49,637,360	1	1	2	0
Case 91	8	49,642,398	146,293,414	2	1	3	0
Case 91	9	46,587	46,944,322	1	1	2	0
Case 91	9	65,629,772	96,534,118	1	1	2	0
Case 91	9	96,534,292	118,170,889	2	0	2	1
Case 91	9	118,173,811	118,286,802	3	0	3	1
Case 91	9	118,287,508	141,066,491	2	0	2	1
Case 91	10	98,087	39,097,912	1	1	2	0
Case 91	10	42,436,301	135,477,883	1	1	2	0
Case 91	11	193,146	51,591,253	1	1	2	0
Case 91	11	54,794,237	134,934,063	1	1	2	0
Case 91	12	191,619	34,853,011	2	0	2	1
Case 91	12	37,876,400	133,810,935	2	0	2	1
Case 91	13	19,058,717	115,103,529	1	1	2	0
Case 91	14	19,280,733	22,595,277	1	1	2	0
Case 91	14	22,597,335	22,977,222	2	1	3	0
Case 91	14	22,978,335	107,287,663	1	1	2	0
Case 91	15	20,034,919	102,461,162	1	1	2	0
Case 91	16	88,165	35,285,582	1	1	2	0
Case 91	16	46,450,037	78,635,695	1	1	2	0



Case 91	16	78,641,740	78,883,118	1	0	1	0
Case 91	16	78,885,182	79,906,401	1	1	2	0
Case 91	16	79,914,909	80,440,301	2	1	3	0
Case 91	16	80,440,352	90,274,695	1	1	2	0
Case 91	17	11,885	15,976,786	2	0	2	1
Case 91	17	15,976,868	22,242,355	1	1	2	0
Case 91	17	25,268,142	81,060,040	1	1	2	0
Case 91	18	87,505	15,375,878	1	1	2	0
Case 91	18	18,520,354	78,015,180	1	1	2	0
Case 91	19	260,912	24,629,285	1	1	2	0
Case 91	19	27,732,159	59,097,160	1	1	2	0
Case 91	20	63,244	26,293,985	1	1	2	0
Case 91	20	29,425,357	62,948,788	1	1	2	0
Case 91	21	10,827,533	10,971,337	2	0	2	1
Case 91	21	14,368,320	48,100,155	2	0	2	1
Case 91	22	16,114,244	51,195,728	1	1	2	0
Case 91	X	2,700,157	58,488,110	1	0	1	0
Case 91	X	61,694,576	154,898,561	1	0	1	0
Case 92	1	82,154	5,983,114	1	1	2	0
Case 92	1	5,993,223	10,651,460	2	1	3	0
Case 92	1	10,653,628	12,961,019	1	1	2	0
Case 92	1	13,176,463	13,923,574	2	1	3	0
Case 92	1	13,933,727	18,026,435	1	1	2	0
Case 92	1	18,031,533	18,379,766	2	1	3	0
Case 92	1	18,391,974	117,866,924	1	1	2	0
Case 92	1	117,867,339	121,346,616	2	1	3	0
Case 92	1	142,649,718	182,372,452	2	1	3	0
Case 92	1	182,376,260	249,218,992	1	1	2	0
Case 92	2	18,674	92,081,640	1	1	2	0
Case 92	2	95,429,424	112,211,072	1	1	2	0
Case 92	2	112,220,359	113,251,800	2	1	3	0
Case 92	2	113,251,880	171,461,132	1	1	2	0
Case 92	2	171,461,637	172,921,454	2	1	3	0
Case 92	2	172,921,832	201,485,649	1	1	2	0
Case 92	2	201,485,830	202,068,483	2	1	3	0
Case 92	2	202,072,897	203,203,865	1	1	2	0
Case 92	2	203,204,567	204,432,604	2	1	3	0
Case 92	2	204,436,759	206,795,827	1	1	2	0
Case 92	2	206,801,824	207,285,883	2	1	3	0
Case 92	2	207,287,770	227,599,533	1	1	2	0
Case 92	2	227,603,355	228,860,349	2	1	3	0
Case 92	2	228,864,662	239,176,775	1	1	2	0
Case 92	2	239,177,073	239,260,601	2	1	3	0
Case 92	2	239,279,384	243,048,760	1	1	2	0
Case 92	3	61,495	90,442,925	1	1	2	0
Case 92	3	93,537,290	197,838,262	1	1	2	0
Case 92	4	71,566	49,620,898	1	1	2	0
Case 92	4	52,697,856	190,963,766	1	1	2	0
Case 92	5	38,139	36,652,409	2	1	3	0
Case 92	5	36,653,738	46,399,093	1	1	2	0
Case 92	5	49,457,282	50,392,093	1	1	2	0
Case 92	5	50,392,502	52,392,774	2	1	3	0
Case 92	5	52,394,439	180,693,127	1	1	2	0
Case 92	6	108,666	36,831,569	1	1	2	0
Case 92	6	36,839,598	47,946,823	2	1	3	0
Case 92	6	47,949,493	51,481,671	3	1	4	0
Case 92	6	51,483,961	58,719,796	2	1	3	0
Case 92	6	58,728,413	58,752,089	1	1	2	0
Case 92	6	61,891,118	170,980,171	1	1	2	0
Case 92	7	44,935	22,171,582	2	1	3	0
Case 92	7	22,171,815	25,089,059	3	1	4	0

Case 92	7	25,089,445	39,928,599	2	1	3	0
Case 92	7	39,930,518	45,753,418	1	1	2	0
Case 92	7	45,754,582	56,394,784	2	1	3	0
Case 92	7	56,437,045	58,019,061	1	1	2	0
Case 92	7	61,056,053	77,012,042	1	1	2	0
Case 92	7	77,013,594	82,630,706	2	1	3	0
Case 92	7	82,638,965	83,144,112	3	1	4	0
Case 92	7	83,147,251	102,524,110	1	1	2	0
Case 92	7	102,538,515	111,986,803	2	1	3	0
Case 92	7	111,999,497	112,295,954	3	1	4	0
Case 92	7	112,308,895	116,314,868	2	1	3	0
Case 92	7	116,317,877	116,770,651	3	1	4	0
Case 92	7	116,774,222	117,917,719	2	1	3	0
Case 92	7	117,938,370	120,478,935	1	1	2	0
Case 92	7	120,481,818	121,668,320	2	1	3	0
Case 92	7	121,671,536	159,119,486	1	1	2	0
Case 92	8	164,984	43,404,924	1	1	2	0
Case 92	8	43,413,955	43,791,691	2	1	3	0
Case 92	8	46,886,735	143,374,261	2	1	3	0
Case 92	8	143,376,802	146,135,866	1	1	2	0
Case 92	8	146,145,702	146,293,414	2	1	3	0
Case 92	9	46,587	46,944,322	1	1	2	0
Case 92	9	65,629,772	141,066,491	1	1	2	0
Case 92	10	98,087	39,097,912	1	1	2	0
Case 92	10	42,436,301	54,617,058	1	1	2	0
Case 92	10	54,629,374	54,663,747	2	1	3	0
Case 92	10	54,668,597	62,179,812	1	1	2	0
Case 92	10	62,181,128	76,180,335	2	1	3	0
Case 92	10	76,186,852	111,428,184	1	1	2	0
Case 92	10	111,429,236	135,477,883	2	1	3	0
Case 92	11	193,146	28,058,043	2	1	3	0
Case 92	11	28,070,798	51,591,253	1	1	2	0
Case 92	11	54,794,237	94,806,722	1	1	2	0
Case 92	11	94,807,261	96,024,669	2	1	3	0
Case 92	11	96,029,482	109,682,445	3	1	4	0
Case 92	11	109,694,723	128,261,411	1	1	2	0
Case 92	11	128,266,104	130,775,782	2	1	3	0
Case 92	11	130,776,027	134,934,063	1	1	2	0
Case 92	12	191,619	34,853,011	1	1	2	0
Case 92	12	37,876,400	133,810,935	1	1	2	0
Case 92	13	19,058,717	20,000,621	2	1	3	0
Case 92	13	20,000,630	25,712,059	1	1	2	0
Case 92	13	25,712,249	115,103,529	2	1	3	0
Case 92	14	19,280,733	21,345,707	1	1	2	0
Case 92	14	21,348,256	21,413,602	2	1	3	0
Case 92	14	21,421,088	107,287,663	1	1	2	0
Case 92	15	20,034,919	102,461,162	1	1	2	0
Case 92	16	88,165	35,285,582	1	1	2	0
Case 92	16	46,450,037	50,951,884	1	1	2	0
Case 92	16	50,954,247	56,578,118	2	1	3	0
Case 92	16	56,578,292	90,274,695	1	1	2	0
Case 92	17	11,885	22,242,355	1	1	2	0
Case 92	17	25,268,142	26,096,597	1	1	2	0
Case 92	17	26,097,131	27,502,029	2	1	3	0
Case 92	17	27,504,921	28,104,306	1	1	2	0
Case 92	17	28,120,918	32,870,849	2	1	3	0
Case 92	17	32,872,853	36,223,325	1	1	2	0
Case 92	17	36,244,358	39,420,932	2	1	3	0
Case 92	17	39,433,211	40,618,251	1	1	2	0
Case 92	17	40,620,113	41,844,689	2	1	3	0
Case 92	17	41,845,235	46,126,373	1	1	2	0

Case 92	17	46,128,122	51,052,711	2	1	3	0
Case 92	17	51,061,423	71,113,564	1	1	2	0
Case 92	17	71,115,694	72,155,302	2	1	3	0
Case 92	17	72,161,815	81,060,040	1	1	2	0
Case 92	18	87,505	15,375,878	2	1	3	0
Case 92	18	18,520,354	20,570,963	2	1	3	0
Case 92	18	20,572,853	78,015,180	1	1	2	0
Case 92	19	260,912	24,629,285	1	1	2	0
Case 92	19	27,732,159	59,097,160	1	1	2	0
Case 92	20	63,244	809,837	1	1	2	0
Case 92	20	810,707	1,009,420	2	1	3	0
Case 92	20	1,009,679	5,685,929	1	1	2	0
Case 92	20	5,690,278	7,990,898	2	1	3	0
Case 92	20	7,998,156	8,130,943	1	1	2	0
Case 92	20	8,135,557	8,254,666	2	1	3	0
Case 92	20	8,259,959	14,431,463	1	1	2	0
Case 92	20	14,434,250	16,271,690	2	1	3	0
Case 92	20	16,271,850	24,298,816	1	1	2	0
Case 92	20	24,300,771	26,293,985	2	1	3	0
Case 92	20	29,425,357	29,619,497	2	1	3	0
Case 92	20	29,804,293	62,948,788	1	1	2	0
Case 92	21	10,827,533	10,971,337	1	1	2	0
Case 92	21	14,368,320	21,503,715	1	1	2	0
Case 92	21	21,504,834	38,309,678	2	1	3	0
Case 92	21	38,311,993	48,100,155	1	1	2	0
Case 92	22	16,114,244	32,524,906	1	1	2	0
Case 92	22	32,530,256	38,398,267	2	1	3	0
Case 92	22	38,415,721	39,947,574	3	1	4	0
Case 92	22	39,950,172	40,454,069	4	1	5	0
Case 92	22	40,477,430	51,195,728	1	1	2	0
Case 92	X	2,700,157	58,488,110	1	1	2	0
Case 92	X	61,694,576	154,898,561	1	1	2	0
Case 93	1	82,154	1,275,659	3	1	4	0
Case 93	1	1,275,797	2,523,431	3	0	3	1
Case 93	1	2,524,105	3,425,238	3	1	4	0
Case 93	1	3,425,722	17,889,690	3	0	3	1
Case 93	1	17,892,396	18,643,577	3	1	4	0
Case 93	1	18,643,632	19,243,446	3	0	3	1
Case 93	1	19,243,589	20,304,785	3	1	4	0
Case 93	1	20,304,857	21,664,475	3	0	3	1
Case 93	1	21,668,873	26,371,691	2	0	2	1
Case 93	1	26,371,788	26,586,135	2	1	3	0
Case 93	1	26,586,167	27,345,751	2	0	2	1
Case 93	1	27,347,994	28,661,383	2	2	4	0
Case 93	1	28,661,422	31,961,711	2	0	2	1
Case 93	1	31,972,756	32,797,183	2	1	3	0
Case 93	1	32,797,371	72,876,346	2	0	2	1
Case 93	1	72,884,712	84,165,934	3	0	3	1
Case 93	1	84,168,682	87,584,639	2	2	4	0
Case 93	1	87,587,849	90,245,167	3	0	3	1
Case 93	1	90,248,302	91,339,437	2	2	4	0
Case 93	1	91,352,818	92,297,887	3	0	3	1
Case 93	1	92,302,369	94,081,407	2	2	4	0
Case 93	1	94,083,372	98,883,880	3	0	3	1
Case 93	1	98,893,908	99,577,011	2	0	2	1
Case 93	1	99,580,912	102,435,169	3	0	3	1
Case 93	1	102,437,203	104,716,956	2	0	2	1
Case 93	1	104,725,387	106,849,846	2	2	4	0
Case 93	1	106,860,057	114,309,873	2	0	2	1
Case 93	1	114,310,957	117,049,676	2	2	4	0
Case 93	1	117,053,745	118,199,767	2	0	2	1

Case 93	1	118,208,245	118,355,412	3	2	5	0
Case 93	1	118,369,833	121,346,616	2	2	4	0
Case 93	1	142,649,718	154,936,312	2	2	4	0
Case 93	1	154,936,389	155,226,107	2	1	3	0
Case 93	1	155,226,571	155,947,875	2	2	4	0
Case 93	1	155,951,502	156,689,481	3	2	5	0
Case 93	1	156,690,967	174,126,742	2	2	4	0
Case 93	1	174,128,140	174,497,642	2	1	3	0
Case 93	1	174,499,977	237,868,623	2	2	4	0
Case 93	1	237,870,447	245,766,015	2	1	3	0
Case 93	1	245,766,651	245,959,395	2	0	2	1
Case 93	1	245,964,761	249,218,992	2	1	3	0
Case 93	2	18,674	34,301,138	2	1	3	0
Case 93	2	34,301,669	34,319,511	1	0	1	0
Case 93	2	34,319,972	57,781,712	2	1	3	0
Case 93	2	57,793,672	60,584,819	2	2	4	0
Case 93	2	60,586,661	83,273,436	2	1	3	0
Case 93	2	83,276,705	92,081,640	2	2	4	0
Case 93	2	95,429,424	133,906,887	2	2	4	0
Case 93	2	133,919,427	149,919,348	2	0	2	1
Case 93	2	149,919,888	237,848,643	2	2	4	0
Case 93	2	237,851,338	243,048,760	2	1	3	0
Case 93	3	61,495	2,394,139	1	1	2	0
Case 93	3	2,399,760	4,313,485	2	1	3	0
Case 93	3	4,317,445	4,461,782	1	0	1	0
Case 93	3	4,462,774	16,578,457	2	1	3	0
Case 93	3	16,585,132	16,656,331	1	0	1	0
Case 93	3	16,662,488	34,451,940	2	1	3	0
Case 93	3	34,465,049	34,569,954	4	2	6	0
Case 93	3	34,580,559	35,987,406	1	1	2	0
Case 93	3	35,987,444	36,148,330	1	0	1	0
Case 93	3	36,148,866	39,228,941	2	0	2	1
Case 93	3	39,228,953	57,011,234	2	1	3	0
Case 93	3	57,014,104	58,320,984	2	0	2	1
Case 93	3	58,331,186	60,236,847	2	1	3	0
Case 93	3	60,237,710	60,853,686	1	0	1	0
Case 93	3	60,857,053	68,755,582	2	1	3	0
Case 93	3	68,764,017	70,889,227	1	0	1	0
Case 93	3	70,900,385	80,669,984	1	1	2	0
Case 93	3	80,687,359	90,442,925	2	1	3	0
Case 93	3	93,537,290	118,257,029	2	1	3	0
Case 93	3	118,263,121	118,891,246	4	1	5	0
Case 93	3	118,901,013	126,137,618	2	1	3	0
Case 93	3	126,137,966	126,272,252	4	1	5	0
Case 93	3	126,276,710	127,334,730	5	1	6	0
Case 93	3	127,334,777	134,624,858	4	1	5	0
Case 93	3	134,625,255	136,097,576	7	0	7	1
Case 93	3	136,111,917	138,076,206	11	0	11	1
Case 93	3	138,078,198	139,035,269	10	0	10	1
Case 93	3	139,040,591	141,568,628	8	0	8	1
Case 93	3	141,569,773	142,796,422	11	0	11	1
Case 93	3	142,800,051	146,687,502	4	1	5	0
Case 93	3	146,690,215	147,076,791	9	1	10	0
Case 93	3	147,081,271	147,237,920	7	0	7	1
Case 93	3	147,246,362	148,993,079	8	0	8	1
Case 93	3	148,993,158	151,176,451	10	0	10	1
Case 93	3	151,184,862	152,345,234	12	0	12	1
Case 93	3	152,347,482	152,679,420	10	0	10	1
Case 93	3	152,687,097	168,811,043	1	1	2	0
Case 93	3	168,812,865	168,967,606	8	5	13	0
Case 93	3	168,972,802	169,947,906	2	1	3	0

Case 93	3	169,958,552	170,079,132	9	6	15	0
Case 93	3	170,091,902	187,629,577	2	1	3	0
Case 93	3	187,630,727	188,173,145	2	0	2	1
Case 93	3	188,181,560	197,838,262	2	1	3	0
Case 93	4	71,566	15,713,513	2	0	2	1
Case 93	4	15,716,923	41,850,006	2	2	4	0
Case 93	4	41,855,573	49,620,898	2	1	3	0
Case 93	4	52,697,856	90,137,336	2	1	3	0
Case 93	4	90,137,884	91,748,644	3	1	4	0
Case 93	4	91,762,984	92,381,094	3	0	3	1
Case 93	4	92,399,884	136,131,907	3	1	4	0
Case 93	4	136,147,584	149,209,008	5	1	6	0
Case 93	4	149,210,677	159,688,477	4	1	5	0
Case 93	4	159,729,794	162,680,619	3	1	4	0
Case 93	4	162,680,682	167,179,581	3	0	3	1
Case 93	4	167,185,391	180,173,268	2	0	2	1
Case 93	4	180,173,785	185,788,486	2	1	3	0
Case 93	4	185,788,762	186,111,306	3	1	4	0
Case 93	4	186,111,347	190,963,766	2	1	3	0
Case 93	5	38,139	46,162,561	2	2	4	0
Case 93	5	46,174,864	46,399,093	1	1	2	0
Case 93	5	49,457,282	49,492,838	1	1	2	0
Case 93	5	49,522,346	68,003,457	2	2	4	0
Case 93	5	68,003,493	71,290,379	2	0	2	1
Case 93	5	71,295,157	98,779,530	2	1	3	0
Case 93	5	98,781,103	100,914,502	2	0	2	1
Case 93	5	100,918,526	101,585,209	0	0	0	0
Case 93	5	101,587,931	102,353,284	2	0	2	1
Case 93	5	102,364,597	121,740,909	2	1	3	0
Case 93	5	121,750,329	128,596,232	2	0	2	1
Case 93	5	128,607,170	178,864,168	2	1	3	0
Case 93	5	178,886,655	178,901,458	1	1	2	0
Case 93	5	178,903,149	180,693,127	2	1	3	0
Case 93	6	108,666	58,752,089	2	1	3	0
Case 93	6	61,891,118	67,860,579	2	1	3	0
Case 93	6	67,866,601	115,311,251	2	2	4	0
Case 93	6	115,313,523	125,587,961	2	1	3	0
Case 93	6	125,596,957	138,418,015	2	2	4	0
Case 93	6	138,419,207	138,444,360	1	1	2	0
Case 93	6	138,444,930	147,525,663	2	2	4	0
Case 93	6	147,535,305	156,496,460	2	1	3	0
Case 93	6	156,502,670	170,980,171	2	2	4	0
Case 93	7	44,935	1,842,407	3	0	3	1
Case 93	7	1,843,966	3,515,437	2	1	3	0
Case 93	7	3,521,000	18,200,205	3	1	4	0
Case 93	7	18,215,216	18,301,455	1	0	1	0
Case 93	7	18,310,791	20,180,780	3	1	4	0
Case 93	7	20,182,020	20,985,300	2	1	3	0
Case 93	7	20,990,451	25,316,325	3	1	4	0
Case 93	7	25,316,682	25,908,210	2	1	3	0
Case 93	7	25,909,208	28,189,946	3	1	4	0
Case 93	7	28,190,121	29,111,388	2	1	3	0
Case 93	7	29,111,578	54,412,608	3	1	4	0
Case 93	7	54,419,111	55,459,501	5	2	7	0
Case 93	7	55,459,563	58,019,061	3	0	3	1
Case 93	7	61,056,053	66,962,936	3	0	3	1
Case 93	7	66,965,868	80,654,259	3	1	4	0
Case 93	7	80,660,357	86,554,972	5	1	6	0
Case 93	7	86,567,364	88,100,188	5	3	8	0
Case 93	7	88,102,745	88,904,777	5	4	9	0
Case 93	7	88,919,393	94,359,748	5	1	6	0

Case 93	7	94,364,780	96,294,270	6	1	7	0
Case 93	7	96,309,021	97,602,656	10	0	10	1
Case 93	7	97,611,196	99,659,902	8	0	8	1
Case 93	7	99,659,903	99,801,677	7	0	7	1
Case 93	7	99,802,346	101,428,464	6	0	6	1
Case 93	7	101,429,264	103,062,016	10	0	10	1
Case 93	7	103,062,387	103,243,894	11	0	11	1
Case 93	7	103,251,161	103,870,718	15	0	15	1
Case 93	7	103,871,529	104,359,226	13	0	13	1
Case 93	7	104,362,704	109,251,487	2	1	3	0
Case 93	7	109,252,043	109,477,177	3	2	5	0
Case 93	7	109,484,997	110,208,243	2	2	4	0
Case 93	7	110,227,761	110,489,975	3	2	5	0
Case 93	7	110,494,399	151,396,253	2	2	4	0
Case 93	7	151,397,343	151,423,345	2	1	3	0
Case 93	7	151,425,449	152,285,741	2	2	4	0
Case 93	7	152,292,180	152,430,770	2	1	3	0
Case 93	7	152,431,642	155,124,428	2	2	4	0
Case 93	7	155,134,684	155,162,399	1	1	2	0
Case 93	7	155,164,799	159,119,486	2	2	4	0
Case 93	8	164,984	43,413,955	2	2	4	0
Case 93	8	43,414,155	43,791,691	2	1	3	0
Case 93	8	46,886,735	47,732,328	2	1	3	0
Case 93	8	47,739,851	89,272,062	2	2	4	0
Case 93	8	89,273,678	90,283,685	2	0	2	1
Case 93	8	90,289,326	90,520,649	1	0	1	0
Case 93	8	90,528,845	90,736,846	2	0	2	1
Case 93	8	90,737,258	142,084,221	2	2	4	0
Case 93	8	142,091,853	146,293,414	2	1	3	0
Case 93	9	46,587	17,509,083	1	0	1	0
Case 93	9	17,511,064	21,403,636	3	0	3	1
Case 93	9	21,405,363	22,711,948	0	0	0	0
Case 93	9	22,724,188	24,754,015	3	0	3	1
Case 93	9	24,756,027	31,955,694	1	0	1	0
Case 93	9	31,970,850	46,944,322	2	0	2	1
Case 93	9	65,629,772	84,164,493	2	0	2	1
Case 93	9	84,165,251	84,521,381	1	0	1	0
Case 93	9	84,528,161	141,066,491	2	0	2	1
Case 93	10	98,087	2,143,308	2	1	3	0
Case 93	10	2,148,077	18,790,858	2	0	2	1
Case 93	10	18,794,073	39,097,912	2	1	3	0
Case 93	10	42,436,301	73,699,145	2	1	3	0
Case 93	10	73,707,100	74,057,844	2	0	2	1
Case 93	10	74,083,427	96,541,616	2	1	3	0
Case 93	10	96,541,982	96,575,782	1	1	2	0
Case 93	10	96,576,190	135,477,883	2	1	3	0
Case 93	11	193,146	49,170,774	2	1	3	0
Case 93	11	49,176,227	51,591,253	2	0	2	1
Case 93	11	54,794,237	55,431,897	2	0	2	1
Case 93	11	55,432,646	59,764,628	2	1	3	0
Case 93	11	59,767,000	59,829,992	3	1	4	0
Case 93	11	59,830,015	134,934,063	2	1	3	0
Case 93	12	191,619	34,781,188	2	2	4	0
Case 93	12	34,801,271	34,853,011	2	1	3	0
Case 93	12	37,876,400	38,541,366	2	1	3	0
Case 93	12	38,547,954	41,700,764	2	2	4	0
Case 93	12	41,703,049	101,892,921	2	1	3	0
Case 93	12	101,893,315	124,520,331	2	2	4	0
Case 93	12	124,525,443	124,843,999	2	1	3	0
Case 93	12	124,844,581	131,167,181	2	2	4	0
Case 93	12	131,167,812	133,810,935	2	1	3	0

Case 93	13	19,058,717	28,912,726	2	0	2	1
Case 93	13	28,916,343	28,959,115	3	1	4	0
Case 93	13	28,962,686	29,183,420	3	0	3	1
Case 93	13	29,186,482	31,692,454	2	2	4	0
Case 93	13	31,693,877	36,625,089	3	2	5	0
Case 93	13	36,637,010	46,455,864	2	2	4	0
Case 93	13	46,458,021	56,137,423	3	2	5	0
Case 93	13	56,146,159	56,306,848	3	0	3	1
Case 93	13	56,311,909	56,593,465	3	1	4	0
Case 93	13	56,609,136	58,040,459	3	0	3	1
Case 93	13	58,063,367	58,158,553	3	1	4	0
Case 93	13	58,163,183	78,562,487	3	0	3	1
Case 93	13	78,567,577	78,700,474	3	1	4	0
Case 93	13	78,701,023	99,401,848	3	0	3	1
Case 93	13	99,403,611	99,436,483	4	0	4	1
Case 93	13	99,438,618	115,103,529	3	0	3	1
Case 93	14	19,280,733	22,609,120	4	0	4	1
Case 93	14	22,609,387	22,977,222	5	0	5	1
Case 93	14	22,978,335	104,952,338	4	0	4	1
Case 93	14	104,966,414	107,287,663	3	0	3	1
Case 93	15	20,034,919	20,612,840	2	0	2	1
Case 93	15	21,903,815	83,337,059	2	1	3	0
Case 93	15	83,342,772	87,685,685	2	0	2	1
Case 93	15	87,688,475	102,461,162	2	1	3	0
Case 93	16	88,165	1,849,916	2	1	3	0
Case 93	16	1,850,446	35,285,582	2	2	4	0
Case 93	16	46,450,037	51,562,530	2	2	4	0
Case 93	16	51,565,812	78,551,953	4	0	4	1
Case 93	16	78,552,496	78,581,206	2	0	2	1
Case 93	16	78,584,616	82,595,267	4	0	4	1
Case 93	16	82,602,736	83,711,918	5	0	5	1
Case 93	16	83,712,011	90,274,695	4	0	4	1
Case 93	17	11,885	22,242,355	3	0	3	1
Case 93	17	25,268,142	34,436,708	3	0	3	1
Case 93	17	34,443,811	34,461,454	5	0	5	1
Case 93	17	34,461,489	81,060,040	3	0	3	1
Case 93	18	87,505	15,375,878	2	1	3	0
Case 93	18	18,520,354	26,075,587	2	1	3	0
Case 93	18	26,085,085	71,459,511	2	0	2	1
Case 93	18	71,460,438	78,015,180	2	1	3	0
Case 93	19	260,912	20,163,633	2	0	2	1
Case 93	19	20,170,214	20,470,564	1	0	1	0
Case 93	19	20,473,553	24,629,285	2	0	2	1
Case 93	19	27,732,159	27,828,664	2	0	2	1
Case 93	19	27,862,694	34,609,682	3	2	5	0
Case 93	19	34,610,124	41,600,877	3	1	4	0
Case 93	19	41,601,609	41,617,293	4	2	6	0
Case 93	19	41,619,575	47,031,583	3	1	4	0
Case 93	19	47,032,145	47,090,085	4	2	6	0
Case 93	19	47,103,428	59,097,160	3	1	4	0
Case 93	20	63,244	14,675,433	4	1	5	0
Case 93	20	14,678,135	15,237,052	2	1	3	0
Case 93	20	15,241,763	16,783,688	4	1	5	0
Case 93	20	16,785,997	18,833,210	1	0	1	0
Case 93	20	18,835,278	22,974,778	4	1	5	0
Case 93	20	22,975,660	26,293,985	3	2	5	0
Case 93	20	29,425,357	50,426,860	3	2	5	0
Case 93	20	50,437,573	54,632,564	4	2	6	0
Case 93	20	54,635,482	62,948,788	3	2	5	0
Case 93	21	10,827,533	10,971,337	2	1	3	0
Case 93	21	14,368,320	48,100,155	2	1	3	0

Case 93	22	16,114,244	30,612,949	2	1	3	0
Case 93	22	30,614,437	31,521,850	2	0	2	1
Case 93	22	31,522,450	51,195,728	2	1	3	0
Case 93	X	2,700,157	58,488,110	3	0	3	1
Case 93	X	61,694,576	70,824,523	3	0	3	1
Case 93	X	70,828,953	146,741,716	1	0	1	0
Case 93	X	146,751,765	147,236,718	0	0	0	0
Case 93	X	147,242,851	154,898,561	1	0	1	0
Case 94	1	82,154	11,952,406	4	1	5	0
Case 94	1	11,957,639	25,178,310	2	1	3	0
Case 94	1	25,185,786	25,314,894	3	1	4	0
Case 94	1	25,319,751	121,346,616	2	1	3	0
Case 94	1	142,649,718	185,240,474	2	2	4	0
Case 94	1	185,253,790	192,681,078	2	1	3	0
Case 94	1	192,682,671	214,839,175	2	2	4	0
Case 94	1	214,842,590	221,442,575	3	2	5	0
Case 94	1	221,443,609	227,796,748	2	2	4	0
Case 94	1	227,798,565	228,881,129	2	1	3	0
Case 94	1	228,884,405	245,434,303	2	2	4	0
Case 94	1	245,441,251	246,793,880	2	1	3	0
Case 94	1	246,797,823	249,218,992	2	2	4	0
Case 94	2	18,674	7,407,863	2	0	2	1
Case 94	2	7,415,677	7,554,772	1	0	1	0
Case 94	2	7,560,605	7,862,742	2	0	2	1
Case 94	2	7,864,401	42,114,002	3	0	3	1
Case 94	2	42,117,362	42,131,523	4	1	5	0
Case 94	2	42,133,049	83,422,531	3	0	3	1
Case 94	2	83,424,531	85,638,323	2	0	2	1
Case 94	2	85,640,098	85,866,329	2	1	3	0
Case 94	2	85,868,133	87,628,556	2	0	2	1
Case 94	2	87,768,679	92,081,640	2	2	4	0
Case 94	2	95,429,424	169,814,626	2	2	4	0
Case 94	2	169,814,655	170,132,243	2	1	3	0
Case 94	2	170,133,086	237,214,545	2	2	4	0
Case 94	2	237,220,431	238,178,706	2	0	2	1
Case 94	2	238,189,278	243,048,760	2	1	3	0
Case 94	3	61,495	60,148,685	2	1	3	0
Case 94	3	60,149,936	60,664,643	1	0	1	0
Case 94	3	60,681,361	60,898,109	2	0	2	1
Case 94	3	60,898,271	85,591,467	2	1	3	0
Case 94	3	85,594,695	90,442,925	3	1	4	0
Case 94	3	93,537,290	163,917,329	3	1	4	0
Case 94	3	163,917,341	163,983,338	2	0	2	1
Case 94	3	163,994,508	197,838,262	3	1	4	0
Case 94	4	71,566	49,620,898	2	1	3	0
Case 94	4	52,697,856	162,511,370	2	1	3	0
Case 94	4	162,514,902	168,292,322	2	0	2	1
Case 94	4	168,292,438	169,292,905	1	0	1	0
Case 94	4	169,293,182	173,637,709	2	0	2	1
Case 94	4	173,643,640	190,963,766	1	0	1	0
Case 94	5	38,139	1,922,870	3	0	3	1
Case 94	5	1,927,293	23,594,090	4	0	4	1
Case 94	5	23,596,252	23,621,475	2	0	2	1
Case 94	5	23,622,036	26,207,219	4	0	4	1
Case 94	5	26,210,563	26,456,504	3	0	3	1
Case 94	5	26,482,424	46,251,306	4	0	4	1
Case 94	5	46,252,282	46,399,093	2	0	2	1
Case 94	5	49,457,282	103,659,607	2	0	2	1
Case 94	5	103,669,502	104,533,433	1	0	1	0
Case 94	5	104,540,026	116,329,875	2	0	2	1
Case 94	5	116,355,602	131,075,921	1	0	1	0



Case 94	5	131,107,692	135,764,923	2	0	2	1
Case 94	5	135,772,456	174,632,301	3	0	3	1
Case 94	5	174,636,577	175,433,876	2	0	2	1
Case 94	5	175,571,579	180,693,127	3	0	3	1
Case 94	6	108,666	58,752,089	4	0	4	1
Case 94	6	61,891,118	61,961,519	4	0	4	1
Case 94	6	61,963,172	69,214,502	3	0	3	1
Case 94	6	69,235,100	69,285,887	2	0	2	1
Case 94	6	69,287,242	92,822,870	3	0	3	1
Case 94	6	92,823,967	93,005,995	2	0	2	1
Case 94	6	93,013,237	147,767,235	3	0	3	1
Case 94	6	147,780,366	147,902,467	4	0	4	1
Case 94	6	147,908,995	148,007,144	2	0	2	1
Case 94	6	148,015,300	162,809,009	3	0	3	1
Case 94	6	162,811,902	162,875,706	2	0	2	1
Case 94	6	162,876,205	165,381,837	3	0	3	1
Case 94	6	165,394,580	165,560,336	2	0	2	1
Case 94	6	165,564,573	165,664,853	4	0	4	1
Case 94	6	165,665,299	170,980,171	3	0	3	1
Case 94	7	44,935	54,313,171	2	0	2	1
Case 94	7	54,316,072	56,550,963	2	1	3	0
Case 94	7	56,558,099	58,019,061	2	0	2	1
Case 94	7	61,056,053	62,397,642	2	0	2	1
Case 94	7	62,413,547	99,696,962	3	1	4	0
Case 94	7	99,696,978	102,470,275	2	1	3	0
Case 94	7	102,471,345	106,545,228	3	1	4	0
Case 94	7	106,545,563	110,329,655	2	1	3	0
Case 94	7	110,338,460	110,843,795	1	1	2	0
Case 94	7	110,851,553	110,909,052	2	0	2	1
Case 94	7	110,915,339	159,119,486	2	1	3	0
Case 94	8	164,984	43,791,691	2	0	2	1
Case 94	8	46,886,735	94,128,797	2	0	2	1
Case 94	8	94,134,191	114,676,890	5	0	5	1
Case 94	8	114,677,121	115,011,589	4	0	4	1
Case 94	8	115,012,364	140,626,831	5	0	5	1
Case 94	8	140,630,990	140,676,100	6	0	6	1
Case 94	8	140,676,452	143,516,063	4	0	4	1
Case 94	8	143,522,536	146,293,414	3	0	3	1
Case 94	9	46,587	240,571	8	0	8	1
Case 94	9	244,457	5,112,519	7	0	7	1
Case 94	9	5,112,844	5,289,943	8	0	8	1
Case 94	9	5,291,710	5,493,994	22	0	22	1
Case 94	9	5,494,438	5,593,419	17	0	17	1
Case 94	9	5,604,769	8,649,429	7	0	7	1
Case 94	9	8,659,757	10,386,641	9	0	9	1
Case 94	9	10,387,436	17,165,698	3	0	3	1
Case 94	9	17,167,963	17,243,746	2	0	2	1
Case 94	9	17,250,170	46,944,322	3	0	3	1
Case 94	9	65,629,772	132,037,179	3	0	3	1
Case 94	9	132,041,447	132,084,621	2	0	2	1
Case 94	9	132,085,237	139,468,185	3	0	3	1
Case 94	9	139,477,521	140,427,037	2	0	2	1
Case 94	9	140,429,256	141,066,491	3	0	3	1
Case 94	10	98,087	6,210,740	3	1	4	0
Case 94	10	6,213,807	6,224,765	4	1	5	0
Case 94	10	6,228,226	39,070,516	3	1	4	0
Case 94	10	39,088,829	39,097,912	2	0	2	1
Case 94	10	42,436,301	42,907,201	2	0	2	1
Case 94	10	42,907,260	76,092,691	3	0	3	1
Case 94	10	76,131,244	76,437,114	4	0	4	1
Case 94	10	76,449,813	76,705,881	3	0	3	1

Case 94	10	76,726,096	76,867,899	4	0	4	1
Case 94	10	76,867,952	78,772,456	3	0	3	1
Case 94	10	78,774,252	78,988,848	5	0	5	1
Case 94	10	78,993,943	79,274,098	3	0	3	1
Case 94	10	79,278,832	79,704,394	5	0	5	1
Case 94	10	79,713,315	80,729,631	3	0	3	1
Case 94	10	80,739,356	80,801,482	14	2	16	0
Case 94	10	80,807,633	81,194,236	4	0	4	1
Case 94	10	81,195,310	85,032,996	3	0	3	1
Case 94	10	85,043,105	85,254,486	2	0	2	1
Case 94	10	85,259,487	86,093,951	3	0	3	1
Case 94	10	86,098,324	86,198,432	1	0	1	0
Case 94	10	86,199,507	120,978,183	3	0	3	1
Case 94	10	120,979,749	121,323,204	4	0	4	1
Case 94	10	121,328,009	122,303,500	3	0	3	1
Case 94	10	122,307,101	122,385,035	4	0	4	1
Case 94	10	122,386,059	123,115,687	19	0	19	1
Case 94	10	123,117,653	123,241,686	23	0	23	1
Case 94	10	123,241,794	123,510,055	18	0	18	1
Case 94	10	123,518,349	126,097,420	3	0	3	1
Case 94	10	126,100,523	126,764,413	5	0	5	1
Case 94	10	126,773,746	127,280,307	3	0	3	1
Case 94	10	127,295,915	127,372,061	4	0	4	1
Case 94	10	127,372,751	135,477,883	3	0	3	1
Case 94	11	193,146	2,691,500	2	0	2	1
Case 94	11	2,694,606	3,890,059	2	1	3	0
Case 94	11	3,890,853	22,297,707	2	2	4	0
Case 94	11	22,301,215	22,457,449	3	2	5	0
Case 94	11	22,463,940	51,591,253	2	2	4	0
Case 94	11	54,794,237	60,509,813	2	2	4	0
Case 94	11	60,517,887	63,860,718	2	1	3	0
Case 94	11	63,860,826	66,054,823	3	1	4	0
Case 94	11	66,055,077	70,733,140	5	1	6	0
Case 94	11	70,735,085	71,010,750	4	1	5	0
Case 94	11	71,018,309	71,735,373	5	1	6	0
Case 94	11	71,739,423	84,179,551	2	0	2	1
Case 94	11	84,182,066	84,449,873	1	0	1	0
Case 94	11	84,454,391	134,934,063	2	0	2	1
Case 94	12	191,619	2,907,932	3	1	4	0
Case 94	12	2,907,978	7,032,541	3	0	3	1
Case 94	12	7,033,823	34,853,011	3	1	4	0
Case 94	12	37,876,400	124,596,637	3	1	4	0
Case 94	12	124,605,086	124,821,403	3	2	5	0
Case 94	12	124,821,413	127,756,618	3	1	4	0
Case 94	12	127,759,267	128,926,744	3	2	5	0
Case 94	12	128,929,239	133,810,935	3	0	3	1
Case 94	13	19,058,717	20,464,188	4	1	5	0
Case 94	13	20,469,457	20,596,565	2	0	2	1
Case 94	13	20,617,797	35,288,704	5	0	5	1
Case 94	13	35,289,289	36,080,945	5	4	9	0
Case 94	13	36,080,957	47,992,832	4	4	8	0
Case 94	13	47,993,684	53,555,952	5	0	5	1
Case 94	13	53,556,995	79,695,827	6	0	6	1
Case 94	13	79,699,392	79,741,956	7	1	8	0
Case 94	13	79,754,928	103,978,779	5	0	5	1
Case 94	13	103,979,399	105,608,323	6	0	6	1
Case 94	13	105,614,657	115,103,529	5	0	5	1
Case 94	14	19,280,733	20,425,051	4	1	5	0
Case 94	14	20,426,742	22,978,516	3	2	5	0
Case 94	14	22,978,577	25,323,222	2	2	4	0
Case 94	14	25,323,593	36,725,221	3	2	5	0

Case 94	14	36,728,531	42,625,616	3	1	4	0
Case 94	14	42,634,072	43,365,102	1	1	2	0
Case 94	14	43,367,412	43,763,264	3	1	4	0
Case 94	14	43,773,651	44,039,374	1	1	2	0
Case 94	14	44,055,539	56,959,440	3	1	4	0
Case 94	14	56,959,881	82,075,469	1	1	2	0
Case 94	14	82,086,207	84,705,538	3	1	4	0
Case 94	14	84,706,934	103,133,060	3	2	5	0
Case 94	14	103,154,191	107,287,663	2	1	3	0
Case 94	15	20,034,919	32,396,721	3	0	3	1
Case 94	15	32,402,046	32,917,689	3	1	4	0
Case 94	15	32,917,691	46,661,811	3	0	3	1
Case 94	15	46,662,521	46,747,113	4	0	4	1
Case 94	15	46,747,377	80,969,116	3	0	3	1
Case 94	15	80,969,283	81,143,074	4	0	4	1
Case 94	15	81,151,809	102,461,162	3	0	3	1
Case 94	16	88,165	5,609,707	2	1	3	0
Case 94	16	5,611,414	26,054,595	2	2	4	0
Case 94	16	26,066,489	27,399,986	3	2	5	0
Case 94	16	27,400,893	28,006,300	2	2	4	0
Case 94	16	28,013,254	31,575,186	2	1	3	0
Case 94	16	31,580,272	33,557,021	3	2	5	0
Case 94	16	33,836,510	35,285,582	2	1	3	0
Case 94	16	46,450,037	78,502,277	2	1	3	0
Case 94	16	78,502,389	78,712,617	1	0	1	0
Case 94	16	78,713,526	78,816,421	1	1	2	0
Case 94	16	78,816,792	78,827,057	0	0	0	0
Case 94	16	78,827,366	78,864,699	1	0	1	0
Case 94	16	78,865,750	79,075,311	1	1	2	0
Case 94	16	79,076,706	90,274,695	2	1	3	0
Case 94	17	11,885	10,261,080	3	0	3	1
Case 94	17	10,265,218	13,565,815	2	0	2	1
Case 94	17	13,565,898	13,678,835	2	1	3	0
Case 94	17	13,681,058	16,229,232	2	0	2	1
Case 94	17	16,238,203	17,045,733	4	0	4	1
Case 94	17	17,046,024	17,215,582	3	0	3	1
Case 94	17	17,218,859	19,809,749	2	0	2	1
Case 94	17	19,812,541	22,242,355	2	1	3	0
Case 94	17	25,268,142	34,436,708	2	1	3	0
Case 94	17	34,443,811	34,476,396	4	1	5	0
Case 94	17	34,597,521	37,073,182	2	1	3	0
Case 94	17	37,073,532	41,116,170	3	1	4	0
Case 94	17	41,116,234	46,262,171	2	1	3	0
Case 94	17	46,291,414	46,407,434	3	1	4	0
Case 94	17	46,411,500	81,060,040	2	1	3	0
Case 94	18	87,505	1,320,397	2	1	3	0
Case 94	18	1,322,681	6,113,748	2	2	4	0
Case 94	18	6,114,231	7,874,444	2	1	3	0
Case 94	18	7,877,052	15,375,878	2	2	4	0
Case 94	18	18,520,354	39,485,540	2	2	4	0
Case 94	18	39,488,062	78,015,180	2	1	3	0
Case 94	19	260,912	24,379,583	2	1	3	0
Case 94	19	24,392,064	24,629,285	1	0	1	0
Case 94	19	27,732,159	59,097,160	3	1	4	0
Case 94	20	63,244	238,421	5	1	6	0
Case 94	20	238,441	288,922	3	2	5	0
Case 94	20	288,996	358,935	5	1	6	0
Case 94	20	360,789	5,624,890	4	1	5	0
Case 94	20	5,625,023	8,537,044	4	2	6	0
Case 94	20	8,542,269	9,171,861	5	2	7	0
Case 94	20	9,177,112	12,669,394	4	2	6	0

Case 94	20	12,670,231	14,822,794	4	1	5	0
Case 94	20	14,823,472	14,908,741	2	0	2	1
Case 94	20	14,910,258	15,227,636	1	0	1	0
Case 94	20	15,228,295	15,344,549	3	0	3	1
Case 94	20	15,345,664	26,293,985	4	1	5	0
Case 94	20	29,425,357	37,947,434	4	1	5	0
Case 94	20	37,947,763	38,087,936	5	2	7	0
Case 94	20	38,090,481	50,789,218	4	1	5	0
Case 94	20	50,794,079	54,545,112	5	1	6	0
Case 94	20	54,545,162	62,948,788	4	1	5	0
Case 94	21	10,827,533	10,971,337	1	0	1	0
Case 94	21	14,368,320	16,629,033	1	0	1	0
Case 94	21	16,632,477	20,595,409	2	0	2	1
Case 94	21	20,604,811	21,245,807	1	0	1	0
Case 94	21	21,247,672	32,682,256	2	0	2	1
Case 94	21	32,682,873	33,238,952	1	0	1	0
Case 94	21	33,244,333	34,240,068	2	0	2	1
Case 94	21	34,243,137	37,375,643	3	0	3	1
Case 94	21	37,381,848	39,285,453	2	0	2	1
Case 94	21	39,288,940	44,047,806	1	0	1	0
Case 94	21	44,051,855	44,761,874	2	0	2	1
Case 94	21	44,762,655	48,100,155	1	0	1	0
Case 94	22	16,114,244	17,493,293	3	1	4	0
Case 94	22	17,493,520	27,965,370	2	1	3	0
Case 94	22	27,966,655	28,071,675	3	1	4	0
Case 94	22	28,071,706	51,195,728	2	1	3	0
Case 94	X	2,700,157	58,488,110	2	0	2	1
Case 94	X	61,694,576	154,898,561	2	0	2	1
Case 95	1	82,154	1,005,806	2	0	2	1
Case 95	1	1,017,197	1,846,582	2	2	4	0
Case 95	1	1,846,765	2,026,361	3	1	4	0
Case 95	1	2,026,403	6,304,618	2	1	3	0
Case 95	1	6,305,557	6,504,575	3	1	4	0
Case 95	1	6,504,598	12,309,350	2	1	3	0
Case 95	1	12,309,363	16,123,199	3	1	4	0
Case 95	1	16,124,438	16,368,977	2	1	3	0
Case 95	1	16,371,067	18,049,872	3	1	4	0
Case 95	1	18,052,645	20,141,465	3	0	3	1
Case 95	1	20,141,528	20,517,632	4	0	4	1
Case 95	1	20,517,755	20,684,705	4	1	5	0
Case 95	1	20,687,285	24,256,932	3	0	3	1
Case 95	1	24,264,244	24,609,935	4	0	4	1
Case 95	1	24,610,584	31,454,183	3	0	3	1
Case 95	1	31,461,438	32,280,699	4	0	4	1
Case 95	1	32,280,724	36,479,642	3	0	3	1
Case 95	1	36,488,199	36,749,925	4	1	5	0
Case 95	1	36,752,410	46,633,874	3	0	3	1
Case 95	1	46,635,209	46,782,192	4	0	4	1
Case 95	1	46,795,447	53,644,967	2	0	2	1
Case 95	1	53,646,557	54,114,033	3	0	3	1
Case 95	1	54,120,873	70,048,269	2	0	2	1
Case 95	1	70,057,783	72,234,070	1	0	1	0
Case 95	1	72,239,513	81,049,018	2	0	2	1
Case 95	1	81,052,058	82,232,757	1	0	1	0
Case 95	1	82,237,323	88,428,199	2	0	2	1
Case 95	1	88,430,037	88,825,604	4	0	4	1
Case 95	1	88,843,632	93,907,020	2	0	2	1
Case 95	1	93,909,887	94,241,556	3	0	3	1
Case 95	1	94,250,201	102,760,382	2	0	2	1
Case 95	1	102,791,263	104,458,885	1	0	1	0
Case 95	1	104,469,208	106,953,168	0	0	0	0

Case 95	1	106,967,467	107,205,384	1	0	1	0
Case 95	1	107,218,527	117,238,446	2	0	2	1
Case 95	1	117,243,440	121,346,616	2	2	4	0
Case 95	1	142,649,718	152,732,106	3	2	5	0
Case 95	1	152,732,174	158,151,246	2	2	4	0
Case 95	1	158,151,305	159,531,750	2	1	3	0
Case 95	1	159,533,068	171,766,580	2	2	4	0
Case 95	1	171,766,696	172,039,455	3	2	5	0
Case 95	1	172,040,583	182,058,661	2	2	4	0
Case 95	1	182,058,955	182,116,368	3	2	5	0
Case 95	1	182,119,516	199,019,492	2	2	4	0
Case 95	1	199,019,855	199,254,953	4	2	6	0
Case 95	1	199,257,785	200,247,025	3	1	4	0
Case 95	1	200,247,910	200,728,818	4	1	5	0
Case 95	1	200,750,576	201,085,996	1	1	2	0
Case 95	1	201,088,889	201,437,568	2	1	3	0
Case 95	1	201,437,730	202,099,145	1	1	2	0
Case 95	1	202,100,239	202,252,752	2	1	3	0
Case 95	1	202,266,547	203,468,932	1	1	2	0
Case 95	1	203,472,112	203,749,270	2	1	3	0
Case 95	1	203,753,454	214,324,877	1	1	2	0
Case 95	1	214,332,987	216,214,996	2	1	3	0
Case 95	1	216,215,741	226,044,766	1	1	2	0
Case 95	1	226,046,964	234,602,611	2	1	3	0
Case 95	1	234,603,322	234,782,449	3	1	4	0
Case 95	1	234,789,114	235,152,757	3	2	5	0
Case 95	1	235,185,285	237,862,587	2	1	3	0
Case 95	1	237,868,623	239,714,774	2	2	4	0
Case 95	1	239,717,680	241,413,586	2	1	3	0
Case 95	1	241,420,962	244,272,338	2	2	4	0
Case 95	1	244,275,252	246,349,328	2	1	3	0
Case 95	1	246,353,934	246,512,218	1	1	2	0
Case 95	1	246,516,011	246,854,862	3	1	4	0
Case 95	1	246,859,182	248,551,598	2	1	3	0
Case 95	1	248,551,727	249,218,992	2	2	4	0
Case 95	2	18,674	10,332,539	1	1	2	0
Case 95	2	10,333,767	10,393,038	2	1	3	0
Case 95	2	10,394,082	11,706,672	1	1	2	0
Case 95	2	11,706,693	12,083,477	2	1	3	0
Case 95	2	12,084,726	26,053,166	1	1	2	0
Case 95	2	26,075,213	28,113,157	3	1	4	0
Case 95	2	28,117,453	28,498,321	2	1	3	0
Case 95	2	28,510,347	28,687,043	3	2	5	0
Case 95	2	28,690,957	28,892,960	3	1	4	0
Case 95	2	28,894,560	42,895,816	2	1	3	0
Case 95	2	42,900,991	43,355,955	3	1	4	0
Case 95	2	43,357,022	69,487,812	2	1	3	0
Case 95	2	69,487,977	69,936,635	3	1	4	0
Case 95	2	69,939,841	74,803,676	2	1	3	0
Case 95	2	74,803,718	75,128,656	2	2	4	0
Case 95	2	75,138,842	79,476,674	2	1	3	0
Case 95	2	79,478,859	79,979,268	1	1	2	0
Case 95	2	79,982,689	85,459,682	2	1	3	0
Case 95	2	85,459,880	85,876,681	4	1	5	0
Case 95	2	85,877,081	92,081,640	2	1	3	0
Case 95	2	95,429,424	102,362,333	2	1	3	0
Case 95	2	102,367,562	102,769,373	3	1	4	0
Case 95	2	102,769,786	108,640,313	2	1	3	0
Case 95	2	108,645,033	109,237,865	3	1	4	0
Case 95	2	109,260,259	113,322,066	2	1	3	0
Case 95	2	113,322,346	113,590,390	3	1	4	0

Case 95	2	113,590,467	128,319,195	2	1	3	0
Case 95	2	128,321,770	128,818,557	3	1	4	0
Case 95	2	128,822,702	129,126,942	4	1	5	0
Case 95	2	129,128,066	165,567,695	2	1	3	0
Case 95	2	165,568,585	165,890,733	2	2	4	0
Case 95	2	165,902,214	213,824,781	2	1	3	0
Case 95	2	213,825,327	214,993,997	1	1	2	0
Case 95	2	214,994,793	243,048,760	2	1	3	0
Case 95	3	61,495	874,972	4	0	4	1
Case 95	3	877,099	6,680,311	3	0	3	1
Case 95	3	6,683,606	14,665,333	4	0	4	1
Case 95	3	14,665,953	14,960,204	5	0	5	1
Case 95	3	14,964,296	39,225,943	4	0	4	1
Case 95	3	39,225,946	45,613,379	3	0	3	1
Case 95	3	45,613,681	50,655,190	2	0	2	1
Case 95	3	50,657,826	60,228,660	1	0	1	0
Case 95	3	60,235,256	60,522,599	0	0	0	0
Case 95	3	60,523,330	66,433,730	1	0	1	0
Case 95	3	66,433,735	66,823,237	2	0	2	1
Case 95	3	66,833,437	90,442,925	1	0	1	0
Case 95	3	93,537,290	93,595,933	1	0	1	0
Case 95	3	93,598,150	95,186,258	2	1	3	0
Case 95	3	95,225,762	95,716,185	3	2	5	0
Case 95	3	95,723,140	119,606,078	2	1	3	0
Case 95	3	119,610,793	120,167,006	3	1	4	0
Case 95	3	120,179,752	122,902,918	2	1	3	0
Case 95	3	122,912,292	123,232,693	3	1	4	0
Case 95	3	123,243,426	128,242,205	2	1	3	0
Case 95	3	128,243,631	129,350,751	3	1	4	0
Case 95	3	129,355,240	172,206,961	2	1	3	0
Case 95	3	172,215,575	172,399,955	3	1	4	0
Case 95	3	172,400,899	193,363,535	2	1	3	0
Case 95	3	193,365,544	193,821,569	2	2	4	0
Case 95	3	193,824,905	194,238,889	2	1	3	0
Case 95	3	194,244,722	195,185,582	1	1	2	0
Case 95	3	195,188,641	197,838,262	1	0	1	0
Case 95	4	71,566	898,459	2	1	3	0
Case 95	4	899,143	6,768,043	3	1	4	0
Case 95	4	6,771,474	32,762,981	2	1	3	0
Case 95	4	32,773,352	34,015,067	2	2	4	0
Case 95	4	34,043,420	44,964,929	1	1	2	0
Case 95	4	44,976,703	45,995,759	1	0	1	0
Case 95	4	46,025,913	46,789,898	1	1	2	0
Case 95	4	46,796,836	46,929,104	1	0	1	0
Case 95	4	46,930,390	47,109,360	2	1	3	0
Case 95	4	47,132,261	47,746,602	1	0	1	0
Case 95	4	47,752,554	49,552,325	1	1	2	0
Case 95	4	49,553,810	49,620,898	2	1	3	0
Case 95	4	52,697,856	53,980,677	2	1	3	0
Case 95	4	53,982,975	55,049,751	1	1	2	0
Case 95	4	55,061,398	57,897,491	2	1	3	0
Case 95	4	57,897,864	83,115,904	1	1	2	0
Case 95	4	83,130,688	83,573,730	2	1	3	0
Case 95	4	83,576,973	100,147,101	1	1	2	0
Case 95	4	100,171,379	100,472,128	2	1	3	0
Case 95	4	100,472,636	169,828,862	1	1	2	0
Case 95	4	169,835,150	170,145,050	2	1	3	0
Case 95	4	170,146,632	185,227,184	1	1	2	0
Case 95	4	185,234,505	185,280,853	3	2	5	0
Case 95	4	185,284,684	190,963,766	1	1	2	0
Case 95	5	38,139	353,885	2	1	3	0

Case 95	5	354,051	464,477	3	1	4	0
Case 95	5	475,076	14,465,355	2	1	3	0
Case 95	5	14,465,657	14,655,699	3	1	4	0
Case 95	5	14,657,062	32,724,875	2	1	3	0
Case 95	5	32,733,418	34,123,933	3	2	5	0
Case 95	5	34,166,261	36,679,739	2	2	4	0
Case 95	5	36,680,125	38,300,133	2	1	3	0
Case 95	5	38,305,547	40,389,129	2	2	4	0
Case 95	5	40,392,728	40,950,095	2	1	3	0
Case 95	5	40,953,191	42,719,092	2	2	4	0
Case 95	5	42,719,239	43,917,438	3	1	4	0
Case 95	5	43,927,216	44,632,008	2	2	4	0
Case 95	5	44,646,453	45,998,686	2	1	3	0
Case 95	5	46,019,244	46,399,093	1	0	1	0
Case 95	5	49,457,282	51,724,318	1	0	1	0
Case 95	5	51,733,627	52,141,943	1	1	2	0
Case 95	5	52,153,066	52,751,154	3	1	4	0
Case 95	5	52,752,242	56,988,506	1	0	1	0
Case 95	5	57,004,423	58,197,893	3	1	4	0
Case 95	5	58,201,950	58,446,582	1	0	1	0
Case 95	5	58,448,733	58,988,846	2	0	2	1
Case 95	5	59,001,077	64,865,826	1	0	1	0
Case 95	5	64,867,775	72,587,455	1	1	2	0
Case 95	5	72,591,905	72,954,453	3	1	4	0
Case 95	5	72,979,253	74,963,600	1	1	2	0
Case 95	5	74,964,582	77,711,356	1	0	1	0
Case 95	5	77,716,621	78,265,041	2	0	2	1
Case 95	5	78,267,797	79,663,875	1	0	1	0
Case 95	5	79,664,768	81,946,255	1	1	2	0
Case 95	5	81,951,284	83,629,549	2	1	3	0
Case 95	5	83,632,691	84,242,662	1	1	2	0
Case 95	5	84,248,966	116,672,520	1	0	1	0
Case 95	5	116,680,760	131,986,463	1	1	2	0
Case 95	5	131,992,409	132,109,742	2	1	3	0
Case 95	5	132,111,043	140,187,182	1	1	2	0
Case 95	5	140,187,322	141,894,557	2	0	2	1
Case 95	5	141,901,900	142,221,460	4	0	4	1
Case 95	5	142,228,026	150,402,570	2	0	2	1
Case 95	5	150,402,873	150,617,370	3	0	3	1
Case 95	5	150,618,829	153,896,160	2	0	2	1
Case 95	5	153,899,307	180,693,127	2	1	3	0
Case 95	6	108,666	1,712,223	2	1	3	0
Case 95	6	1,712,283	2,106,309	0	0	0	0
Case 95	6	2,111,091	30,652,781	2	1	3	0
Case 95	6	30,652,872	31,524,851	2	2	4	0
Case 95	6	31,525,319	31,878,433	3	2	5	0
Case 95	6	31,880,637	32,213,052	2	1	3	0
Case 95	6	32,213,210	32,759,448	2	2	4	0
Case 95	6	32,761,154	33,096,274	3	2	5	0
Case 95	6	33,096,766	33,169,432	2	2	4	0
Case 95	6	33,170,102	34,296,962	2	1	3	0
Case 95	6	34,302,869	34,512,195	3	2	5	0
Case 95	6	34,513,266	37,348,920	2	1	3	0
Case 95	6	37,349,033	41,244,020	2	2	4	0
Case 95	6	41,246,473	41,621,203	3	2	5	0
Case 95	6	41,621,271	43,488,108	2	1	3	0
Case 95	6	43,488,144	44,138,343	3	2	5	0
Case 95	6	44,138,947	47,277,181	2	2	4	0
Case 95	6	47,287,769	47,596,016	4	2	6	0
Case 95	6	47,597,241	54,129,982	2	2	4	0
Case 95	6	54,132,353	54,994,046	2	1	3	0

Case 95	6	55,004,835	57,182,068	2	2	4	0
Case 95	6	57,182,297	58,752,089	2	1	3	0
Case 95	6	61,891,118	65,518,623	2	1	3	0
Case 95	6	65,520,297	108,791,307	1	1	2	0
Case 95	6	108,798,097	109,802,649	2	1	3	0
Case 95	6	109,802,929	117,785,270	1	1	2	0
Case 95	6	117,785,696	120,233,977	2	1	3	0
Case 95	6	120,244,785	125,673,963	1	1	2	0
Case 95	6	125,677,053	132,940,293	2	1	3	0
Case 95	6	132,940,429	133,076,999	3	1	4	0
Case 95	6	133,077,063	162,392,902	2	1	3	0
Case 95	6	162,394,341	162,472,025	1	1	2	0
Case 95	6	162,474,893	162,847,889	1	0	1	0
Case 95	6	162,850,909	162,935,431	3	0	3	1
Case 95	6	162,936,958	163,863,551	2	2	4	0
Case 95	6	163,872,036	164,838,366	3	2	5	0
Case 95	6	164,841,341	165,933,673	2	2	4	0
Case 95	6	165,935,421	166,796,433	2	1	3	0
Case 95	6	166,799,022	167,407,584	2	2	4	0
Case 95	6	167,412,913	168,609,335	3	2	5	0
Case 95	6	168,612,631	170,980,171	2	2	4	0
Case 95	7	44,935	707,639	2	0	2	1
Case 95	7	710,012	16,700,447	2	1	3	0
Case 95	7	16,700,798	16,848,712	4	2	6	0
Case 95	7	16,848,890	16,889,926	5	2	7	0
Case 95	7	16,890,368	17,169,922	4	2	6	0
Case 95	7	17,170,680	22,268,760	2	1	3	0
Case 95	7	22,269,345	22,598,742	3	1	4	0
Case 95	7	22,601,127	30,182,813	2	1	3	0
Case 95	7	30,185,796	30,347,038	1	1	2	0
Case 95	7	30,367,936	33,738,345	2	1	3	0
Case 95	7	33,741,217	34,017,577	1	1	2	0
Case 95	7	34,021,755	36,027,179	2	1	3	0
Case 95	7	36,031,972	49,127,859	2	2	4	0
Case 95	7	49,145,008	49,681,873	4	2	6	0
Case 95	7	49,686,888	49,808,395	3	2	5	0
Case 95	7	49,810,966	58,019,061	2	2	4	0
Case 95	7	61,056,053	62,154,874	2	2	4	0
Case 95	7	62,159,926	64,030,116	2	1	3	0
Case 95	7	64,054,804	64,679,561	1	0	1	0
Case 95	7	64,696,330	65,088,807	2	1	3	0
Case 95	7	65,195,552	73,491,212	1	0	1	0
Case 95	7	73,493,533	75,179,843	1	1	2	0
Case 95	7	75,180,033	76,131,706	2	1	3	0
Case 95	7	76,132,073	98,645,517	1	1	2	0
Case 95	7	98,647,139	98,933,250	2	1	3	0
Case 95	7	98,933,689	99,460,458	1	1	2	0
Case 95	7	99,461,160	99,778,269	2	1	3	0
Case 95	7	99,786,108	101,864,836	1	1	2	0
Case 95	7	101,865,210	102,436,004	2	1	3	0
Case 95	7	102,440,184	106,612,197	1	1	2	0
Case 95	7	106,614,237	107,472,138	2	1	3	0
Case 95	7	107,472,872	135,925,039	1	1	2	0
Case 95	7	135,938,900	136,326,080	2	1	3	0
Case 95	7	136,327,805	155,569,983	1	1	2	0
Case 95	7	155,572,107	155,901,297	2	1	3	0
Case 95	7	155,914,367	159,119,486	1	1	2	0
Case 95	8	164,984	8,222,480	2	0	2	1
Case 95	8	8,230,361	8,378,992	4	0	4	1
Case 95	8	8,380,016	18,943,802	2	0	2	1
Case 95	8	18,945,519	19,189,125	3	0	3	1



Case 95	8	19,189,757	22,713,012	2	0	2	1
Case 95	8	22,718,237	25,165,819	3	0	3	1
Case 95	8	25,172,706	29,253,809	2	0	2	1
Case 95	8	29,255,584	29,754,597	3	0	3	1
Case 95	8	29,760,101	43,414,155	2	0	2	1
Case 95	8	43,447,235	43,791,691	1	0	1	0
Case 95	8	46,886,735	46,886,735	1	0	1	0
Case 95	8	46,942,842	50,070,098	2	1	3	0
Case 95	8	50,072,010	52,607,916	2	0	2	1
Case 95	8	52,608,080	53,128,122	2	1	3	0
Case 95	8	53,129,669	55,049,131	2	0	2	1
Case 95	8	55,049,188	62,458,019	2	1	3	0
Case 95	8	62,460,664	62,863,950	4	1	5	0
Case 95	8	62,866,541	78,070,394	2	1	3	0
Case 95	8	78,093,837	79,918,459	1	1	2	0
Case 95	8	79,924,472	82,123,005	2	1	3	0
Case 95	8	82,149,338	82,370,252	3	1	4	0
Case 95	8	82,370,871	96,211,820	2	1	3	0
Case 95	8	96,212,069	96,874,831	2	2	4	0
Case 95	8	96,881,703	101,284,322	2	1	3	0
Case 95	8	101,285,717	101,813,156	4	1	5	0
Case 95	8	101,816,789	120,034,105	2	1	3	0
Case 95	8	120,039,462	120,271,776	3	1	4	0
Case 95	8	120,275,270	128,252,993	2	1	3	0
Case 95	8	128,258,492	128,390,660	2	2	4	0
Case 95	8	128,390,957	128,834,403	3	2	5	0
Case 95	8	128,840,276	146,293,414	2	2	4	0
Case 95	9	46,587	4,438,240	2	1	3	0
Case 95	9	4,438,264	4,526,525	3	1	4	0
Case 95	9	4,526,642	21,966,221	2	1	3	0
Case 95	9	21,970,916	22,481,286	3	1	4	0
Case 95	9	22,487,177	35,310,490	2	1	3	0
Case 95	9	35,310,492	35,561,212	3	1	4	0
Case 95	9	35,562,549	35,931,381	2	1	3	0
Case 95	9	35,933,323	36,100,504	2	2	4	0
Case 95	9	36,101,562	46,944,322	2	1	3	0
Case 95	9	65,629,772	103,964,075	2	0	2	1
Case 95	9	103,968,906	104,203,482	3	0	3	1
Case 95	9	104,204,614	110,116,369	2	0	2	1
Case 95	9	110,120,871	110,553,667	3	0	3	1
Case 95	9	110,556,602	114,707,212	2	0	2	1
Case 95	9	114,711,743	114,888,516	2	1	3	0
Case 95	9	114,888,773	115,013,224	1	0	1	0
Case 95	9	115,015,710	117,669,585	2	1	3	0
Case 95	9	117,674,320	118,029,729	2	2	4	0
Case 95	9	118,039,472	124,536,644	2	1	3	0
Case 95	9	124,543,753	130,703,565	2	0	2	1
Case 95	9	130,705,120	131,351,046	3	0	3	1
Case 95	9	131,356,473	132,022,920	2	0	2	1
Case 95	9	132,024,528	132,254,665	2	1	3	0
Case 95	9	132,257,783	132,758,467	5	0	5	1
Case 95	9	132,759,808	136,007,358	2	0	2	1
Case 95	9	136,007,988	136,179,704	4	0	4	1
Case 95	9	136,184,526	139,230,523	2	1	3	0
Case 95	9	139,231,489	141,066,491	3	1	4	0
Case 95	10	98,087	33,758,430	1	0	1	0
Case 95	10	33,763,923	34,401,632	4	1	5	0
Case 95	10	34,408,636	34,509,558	6	1	7	0
Case 95	10	34,511,806	36,385,519	4	1	5	0
Case 95	10	36,392,445	36,686,162	3	0	3	1
Case 95	10	36,687,210	36,863,519	2	2	4	0

Case 95	10	36,877,054	37,213,409	2	1	3	0
Case 95	10	37,214,419	37,712,642	1	0	1	0
Case 95	10	37,721,225	37,946,651	2	1	3	0
Case 95	10	37,958,940	38,276,810	4	1	5	0
Case 95	10	38,290,878	39,097,912	2	0	2	1
Case 95	10	42,436,301	95,109,621	2	0	2	1
Case 95	10	95,109,633	95,521,230	3	0	3	1
Case 95	10	95,521,457	104,126,256	2	0	2	1
Case 95	10	104,127,171	115,198,443	2	1	3	0
Case 95	10	115,205,714	115,583,459	3	1	4	0
Case 95	10	115,587,010	126,962,284	2	1	3	0
Case 95	10	126,963,368	127,213,302	3	1	4	0
Case 95	10	127,219,324	135,477,883	2	1	3	0
Case 95	11	193,146	463,913	3	1	4	0
Case 95	11	470,331	810,305	2	1	3	0
Case 95	11	810,318	1,265,998	3	1	4	0
Case 95	11	1,267,703	1,398,019	3	0	3	1
Case 95	11	1,398,316	1,861,852	2	0	2	1
Case 95	11	1,865,091	2,068,776	3	0	3	1
Case 95	11	2,070,570	11,731,251	2	0	2	1
Case 95	11	11,739,732	12,317,933	4	0	4	1
Case 95	11	12,327,308	24,543,242	2	0	2	1
Case 95	11	24,544,761	25,764,292	5	2	7	0
Case 95	11	25,773,322	30,707,698	4	2	6	0
Case 95	11	30,709,418	40,769,111	2	2	4	0
Case 95	11	40,772,512	40,961,066	6	2	8	0
Case 95	11	40,966,294	43,001,206	3	2	5	0
Case 95	11	43,005,220	45,711,140	4	1	5	0
Case 95	11	45,717,929	50,248,332	2	1	3	0
Case 95	11	50,280,123	51,591,253	2	0	2	1
Case 95	11	54,794,237	56,107,439	2	0	2	1
Case 95	11	56,113,516	57,447,561	2	1	3	0
Case 95	11	57,456,075	61,220,222	2	0	2	1
Case 95	11	61,247,995	61,736,411	3	0	3	1
Case 95	11	61,737,244	74,071,072	2	0	2	1
Case 95	11	74,080,107	74,166,320	4	0	4	1
Case 95	11	74,167,630	77,611,609	2	0	2	1
Case 95	11	77,617,950	77,790,653	4	0	4	1
Case 95	11	77,790,686	90,042,539	2	0	2	1
Case 95	11	90,050,153	110,341,770	1	0	1	0
Case 95	11	110,357,133	128,839,628	2	0	2	1
Case 95	11	128,839,629	129,299,871	4	0	4	1
Case 95	11	129,301,284	129,507,034	5	0	5	1
Case 95	11	129,523,831	134,934,063	2	0	2	1
Case 95	12	191,619	2,998,892	2	1	3	0
Case 95	12	3,004,526	3,791,143	2	0	2	1
Case 95	12	3,803,566	4,553,669	3	0	3	1
Case 95	12	4,554,413	34,853,011	2	0	2	1
Case 95	12	37,876,400	52,681,088	2	0	2	1
Case 95	12	52,681,841	53,025,391	3	0	3	1
Case 95	12	53,030,834	53,119,891	3	1	4	0
Case 95	12	53,120,709	54,252,030	2	1	3	0
Case 95	12	54,255,207	54,649,941	3	1	4	0
Case 95	12	54,651,471	54,811,708	2	1	3	0
Case 95	12	54,820,266	55,273,926	3	1	4	0
Case 95	12	55,287,145	57,055,291	2	1	3	0
Case 95	12	57,056,755	95,676,290	1	1	2	0
Case 95	12	95,681,492	95,770,832	2	1	3	0
Case 95	12	95,772,953	109,907,478	1	1	2	0
Case 95	12	109,907,499	110,236,631	2	1	3	0
Case 95	12	110,240,838	133,810,935	1	1	2	0

Case 95	13	19,058,717	27,392,427	1	1	2	0
Case 95	13	27,393,325	27,701,862	2	1	3	0
Case 95	13	27,705,697	73,603,693	1	1	2	0
Case 95	13	73,609,881	74,010,099	3	1	4	0
Case 95	13	74,019,374	113,149,675	1	1	2	0
Case 95	13	113,151,341	113,465,320	2	1	3	0
Case 95	13	113,467,616	115,103,529	1	1	2	0
Case 95	14	19,280,733	20,444,236	2	1	3	0
Case 95	14	20,445,370	22,498,449	2	0	2	1
Case 95	14	22,499,160	23,006,908	3	0	3	1
Case 95	14	23,009,999	32,589,339	2	0	2	1
Case 95	14	32,592,200	32,815,477	1	0	1	0
Case 95	14	32,815,701	53,023,847	2	0	2	1
Case 95	14	53,027,908	53,119,875	1	0	1	0
Case 95	14	53,124,867	68,911,554	2	0	2	1
Case 95	14	68,912,686	69,526,307	3	0	3	1
Case 95	14	69,533,837	75,321,408	2	0	2	1
Case 95	14	75,321,843	75,583,942	3	0	3	1
Case 95	14	75,587,014	100,581,068	2	0	2	1
Case 95	14	100,587,813	101,070,535	4	0	4	1
Case 95	14	101,071,722	103,520,762	2	0	2	1
Case 95	14	103,526,930	103,811,181	4	0	4	1
Case 95	14	103,811,249	107,287,663	2	0	2	1
Case 95	15	20,034,919	43,485,930	1	1	2	0
Case 95	15	43,489,532	44,100,342	2	1	3	0
Case 95	15	44,102,010	57,459,278	1	1	2	0
Case 95	15	57,484,419	57,823,404	2	1	3	0
Case 95	15	57,824,330	70,407,014	1	1	2	0
Case 95	15	70,407,822	70,646,062	2	1	3	0
Case 95	15	70,666,282	74,075,536	1	1	2	0
Case 95	15	74,075,608	74,413,634	2	1	3	0
Case 95	15	74,419,809	85,360,319	1	1	2	0
Case 95	15	85,366,575	85,568,434	2	1	3	0
Case 95	15	85,568,535	90,319,095	1	1	2	0
Case 95	15	90,320,381	90,447,127	2	1	3	0
Case 95	15	90,447,946	90,915,666	3	1	4	0
Case 95	15	90,924,702	91,198,415	4	1	5	0
Case 95	15	91,202,504	93,603,525	3	1	4	0
Case 95	15	93,605,090	101,858,536	2	1	3	0
Case 95	15	101,862,163	102,160,040	3	1	4	0
Case 95	15	102,165,387	102,461,162	2	1	3	0
Case 95	16	88,165	1,081,348	1	0	1	0
Case 95	16	1,085,393	35,285,582	2	0	2	1
Case 95	16	46,450,037	69,006,797	2	0	2	1
Case 95	16	69,007,951	69,238,164	4	0	4	1
Case 95	16	69,267,209	71,902,142	2	0	2	1
Case 95	16	71,917,058	72,234,472	3	0	3	1
Case 95	16	72,243,624	75,377,750	2	0	2	1
Case 95	16	75,377,933	75,655,049	3	0	3	1
Case 95	16	75,657,221	78,265,836	2	0	2	1
Case 95	16	78,267,097	78,332,721	0	0	0	0
Case 95	16	78,338,118	79,158,182	2	0	2	1
Case 95	16	79,158,698	79,427,879	4	0	4	1
Case 95	16	79,434,027	84,575,823	2	0	2	1
Case 95	16	84,576,883	84,793,348	4	0	4	1
Case 95	16	84,793,502	87,493,737	2	0	2	1
Case 95	16	87,504,998	87,585,814	4	0	4	1
Case 95	16	87,586,557	90,274,695	2	0	2	1
Case 95	17	11,885	4,391,201	2	0	2	1
Case 95	17	4,393,498	4,726,143	3	0	3	1
Case 95	17	4,739,161	22,242,355	2	0	2	1

Case 95	17	25,268,142	25,268,142	2	0	2	1
Case 95	17	25,295,032	26,823,570	2	1	3	0
Case 95	17	26,824,156	27,361,383	3	0	3	1
Case 95	17	27,376,551	27,620,815	2	1	3	0
Case 95	17	27,621,034	29,376,293	2	0	2	1
Case 95	17	29,393,104	29,734,707	2	1	3	0
Case 95	17	29,738,601	37,711,565	2	0	2	1
Case 95	17	37,745,979	38,023,441	5	0	5	1
Case 95	17	38,025,417	38,126,757	7	0	7	1
Case 95	17	38,126,847	38,223,403	4	0	4	1
Case 95	17	38,231,376	38,612,749	2	1	3	0
Case 95	17	38,616,713	38,793,798	3	2	5	0
Case 95	17	38,795,943	39,914,383	2	1	3	0
Case 95	17	39,919,366	40,034,781	2	0	2	1
Case 95	17	40,039,454	40,494,902	3	0	3	1
Case 95	17	40,498,273	41,470,623	2	0	2	1
Case 95	17	41,470,683	46,747,019	2	1	3	0
Case 95	17	46,753,824	48,456,251	2	0	2	1
Case 95	17	48,456,520	48,868,073	4	0	4	1
Case 95	17	48,868,181	48,991,357	3	0	3	1
Case 95	17	48,994,272	58,432,486	2	0	2	1
Case 95	17	58,439,018	64,545,922	2	2	4	0
Case 95	17	64,546,244	68,320,444	2	1	3	0
Case 95	17	68,326,338	69,616,366	2	2	4	0
Case 95	17	69,617,574	74,636,253	2	0	2	1
Case 95	17	74,637,881	77,672,725	1	0	1	0
Case 95	17	77,674,058	78,176,159	2	0	2	1
Case 95	17	78,177,668	79,872,241	1	0	1	0
Case 95	17	79,872,316	80,494,243	3	0	3	1
Case 95	17	80,496,771	81,060,040	1	0	1	0
Case 95	18	87,505	2,802,615	2	1	3	0
Case 95	18	2,804,129	3,188,778	2	2	4	0
Case 95	18	3,188,857	3,594,718	2	1	3	0
Case 95	18	3,597,525	3,874,336	3	2	5	0
Case 95	18	3,875,929	10,918,243	2	1	3	0
Case 95	18	10,919,330	15,375,878	1	1	2	0
Case 95	18	18,520,354	19,414,759	1	1	2	0
Case 95	18	19,423,155	19,786,854	4	0	4	1
Case 95	18	19,788,303	46,465,665	3	0	3	1
Case 95	18	46,468,251	46,770,186	4	0	4	1
Case 95	18	46,786,058	67,599,516	1	0	1	0
Case 95	18	67,600,991	68,399,298	3	0	3	1
Case 95	18	68,410,141	78,015,180	1	0	1	0
Case 95	19	260,912	504,948	2	0	2	1
Case 95	19	506,712	1,171,020	3	0	3	1
Case 95	19	1,181,717	2,078,488	2	0	2	1
Case 95	19	2,078,502	2,491,658	3	0	3	1
Case 95	19	2,491,934	14,199,788	2	0	2	1
Case 95	19	14,199,924	14,652,278	3	0	3	1
Case 95	19	14,655,865	24,629,285	2	0	2	1
Case 95	19	27,732,159	30,276,911	2	0	2	1
Case 95	19	30,286,822	30,478,431	9	2	11	0
Case 95	19	30,478,556	35,199,555	2	0	2	1
Case 95	19	35,219,548	36,987,525	2	1	3	0
Case 95	19	37,004,938	38,968,461	2	0	2	1
Case 95	19	38,973,933	39,135,874	7	1	8	0
Case 95	19	39,138,149	39,980,444	2	0	2	1
Case 95	19	39,986,005	40,194,767	7	0	7	1
Case 95	19	40,195,183	40,364,428	6	1	7	0
Case 95	19	40,392,569	41,963,749	2	0	2	1
Case 95	19	41,983,822	44,043,448	3	0	3	1

Case 95	19	44,046,728	47,768,204	2	0	2	1
Case 95	19	47,773,930	48,830,797	2	2	4	0
Case 95	19	48,832,701	50,563,899	2	0	2	1
Case 95	19	50,591,699	50,967,760	8	0	8	1
Case 95	19	50,969,325	51,159,571	2	0	2	1
Case 95	19	51,161,088	51,186,081	9	1	10	0
Case 95	19	51,186,595	54,622,488	2	0	2	1
Case 95	19	54,623,549	54,660,649	9	1	10	0
Case 95	19	54,662,043	54,707,276	8	1	9	0
Case 95	19	54,711,258	59,097,160	2	0	2	1
Case 95	20	63,244	4,041,451	2	1	3	0
Case 95	20	4,045,738	4,281,673	2	2	4	0
Case 95	20	4,285,493	10,769,877	2	1	3	0
Case 95	20	10,773,298	11,155,202	3	1	4	0
Case 95	20	11,156,529	17,641,928	2	1	3	0
Case 95	20	17,660,743	17,984,594	3	1	4	0
Case 95	20	17,992,979	22,266,006	2	1	3	0
Case 95	20	22,267,058	22,609,101	4	1	5	0
Case 95	20	22,610,804	26,293,985	2	1	3	0
Case 95	20	29,425,357	31,838,520	2	1	3	0
Case 95	20	31,839,058	33,110,175	3	1	4	0
Case 95	20	33,110,846	34,806,861	4	1	5	0
Case 95	20	34,807,711	48,156,236	2	1	3	0
Case 95	20	48,158,905	48,489,341	3	1	4	0
Case 95	20	48,491,258	60,763,397	2	1	3	0
Case 95	20	60,765,422	60,992,402	3	1	4	0
Case 95	20	61,003,031	62,948,788	2	1	3	0
Case 95	21	10,827,533	10,971,337	2	1	3	0
Case 95	21	14,368,320	42,832,541	2	1	3	0
Case 95	21	42,832,638	43,114,842	3	1	4	0
Case 95	21	43,120,120	45,356,073	2	1	3	0
Case 95	21	45,356,487	45,783,999	2	0	2	1
Case 95	21	45,784,090	46,818,782	2	1	3	0
Case 95	21	46,820,082	46,837,709	4	2	6	0
Case 95	21	46,839,625	48,100,155	2	1	3	0
Case 95	22	16,114,244	23,257,051	2	1	3	0
Case 95	22	23,258,231	24,789,632	3	1	4	0
Case 95	22	24,802,564	27,144,107	2	1	3	0
Case 95	22	27,149,053	29,750,817	1	1	2	0
Case 95	22	29,755,888	29,983,138	3	1	4	0
Case 95	22	30,002,603	30,489,945	4	1	5	0
Case 95	22	30,494,371	30,672,420	3	1	4	0
Case 95	22	30,673,368	31,320,322	2	1	3	0
Case 95	22	31,321,725	38,155,506	1	1	2	0
Case 95	22	38,157,805	38,627,339	2	1	3	0
Case 95	22	38,628,306	46,178,183	1	1	2	0
Case 95	22	46,182,756	46,362,396	2	1	3	0
Case 95	22	46,363,739	51,195,728	1	1	2	0
Case 95	X	2,700,157	53,569,407	3	2	5	0
Case 95	X	53,574,760	58,488,110	2	0	2	1
Case 95	X	61,694,576	62,150,601	2	0	2	1
Case 95	X	62,223,813	110,554,835	3	0	3	1
Case 95	X	110,574,222	120,999,907	3	1	4	0
Case 95	X	121,004,659	121,203,460	2	1	3	0
Case 95	X	121,203,926	154,898,561	3	1	4	0
Case 96	1	82,154	72,628,347	2	1	3	0
Case 96	1	72,629,795	92,865,160	3	1	4	0
Case 96	1	92,882,554	121,346,616	2	1	3	0
Case 96	1	142,649,718	249,218,992	2	1	3	0
Case 96	2	18,674	86,005,932	2	1	3	0
Case 96	2	86,010,243	88,480,334	3	1	4	0

Case 96	2	88,482,262	92,081,640	2	1	3	0
Case 96	2	95,429,424	121,416,218	2	1	3	0
Case 96	2	121,431,691	167,760,249	1	1	2	0
Case 96	2	167,760,318	239,369,790	2	1	3	0
Case 96	2	239,400,430	242,962,791	2	2	4	0
Case 96	2	242,971,871	243,048,760	3	2	5	0
Case 96	3	61,495	60,390,846	2	1	3	0
Case 96	3	60,396,850	60,604,489	1	0	1	0
Case 96	3	60,607,896	76,596,865	2	1	3	0
Case 96	3	76,602,394	79,522,372	3	1	4	0
Case 96	3	79,533,095	87,064,799	2	1	3	0
Case 96	3	87,065,067	90,442,925	1	1	2	0
Case 96	3	93,537,290	93,545,404	1	1	2	0
Case 96	3	93,546,445	141,568,628	2	1	3	0
Case 96	3	141,569,773	197,838,262	3	1	4	0
Case 96	4	71,566	1,045,265	1	1	2	0
Case 96	4	1,052,401	28,003,277	2	1	3	0
Case 96	4	28,005,075	36,562,966	1	1	2	0
Case 96	4	36,572,626	39,548,112	2	1	3	0
Case 96	4	39,557,864	40,162,971	1	1	2	0
Case 96	4	40,165,305	49,620,898	2	1	3	0
Case 96	4	52,697,856	58,573,210	2	1	3	0
Case 96	4	58,586,920	67,878,373	1	1	2	0
Case 96	4	67,884,593	72,751,722	2	1	3	0
Case 96	4	72,756,782	72,822,599	2	0	2	1
Case 96	4	72,834,313	90,826,760	2	1	3	0
Case 96	4	90,827,466	137,704,034	1	1	2	0
Case 96	4	137,706,263	155,995,695	2	1	3	0
Case 96	4	156,002,908	166,850,443	1	1	2	0
Case 96	4	166,854,139	175,876,473	2	1	3	0
Case 96	4	175,878,038	190,963,766	1	1	2	0
Case 96	5	38,139	15,678,556	3	2	5	0
Case 96	5	15,680,744	17,746,787	2	2	4	0
Case 96	5	17,761,225	36,110,716	3	2	5	0
Case 96	5	36,122,834	46,399,093	2	2	4	0
Case 96	5	49,457,282	57,894,922	3	1	4	0
Case 96	5	57,905,474	68,569,957	3	0	3	1
Case 96	5	68,575,830	72,493,266	2	1	3	0
Case 96	5	72,496,179	106,957,027	2	0	2	1
Case 96	5	106,958,958	121,064,424	2	1	3	0
Case 96	5	121,064,897	129,408,800	2	0	2	1
Case 96	5	129,412,126	135,489,435	2	1	3	0
Case 96	5	135,494,074	136,399,748	3	1	4	0
Case 96	5	136,402,958	139,276,748	2	1	3	0
Case 96	5	139,290,054	140,166,534	3	0	3	1
Case 96	5	140,166,686	142,024,256	2	1	3	0
Case 96	5	142,030,342	144,943,205	3	1	4	0
Case 96	5	144,944,054	180,693,127	3	0	3	1
Case 96	6	108,666	20,940,379	3	0	3	1
Case 96	6	20,943,232	21,277,763	2	0	2	1
Case 96	6	21,279,870	30,983,263	3	0	3	1
Case 96	6	30,983,326	30,998,742	2	0	2	1
Case 96	6	30,998,879	31,354,560	3	0	3	1
Case 96	6	31,354,595	31,356,574	2	0	2	1
Case 96	6	31,360,255	31,453,640	0	0	0	0
Case 96	6	31,456,567	54,452,797	3	0	3	1
Case 96	6	54,458,991	58,497,182	2	0	2	1
Case 96	6	58,504,614	58,752,089	1	1	2	0
Case 96	6	61,891,118	69,629,187	1	1	2	0
Case 96	6	69,631,411	92,208,995	2	1	3	0
Case 96	6	92,210,391	104,483,487	1	1	2	0

Case 96	6	104,484,800	170,980,171	2	1	3	0
Case 96	7	44,935	38,153,444	2	1	3	0
Case 96	7	38,155,563	38,383,243	2	2	4	0
Case 96	7	38,385,938	58,019,061	2	1	3	0
Case 96	7	61,056,053	111,183,610	2	1	3	0
Case 96	7	111,199,771	159,119,486	2	0	2	1
Case 96	8	164,984	5,393,748	1	1	2	0
Case 96	8	5,393,862	5,529,622	6	0	6	1
Case 96	8	5,530,770	5,875,524	7	1	8	0
Case 96	8	5,883,129	7,308,674	6	0	6	1
Case 96	8	7,308,691	9,685,362	4	1	5	0
Case 96	8	9,688,094	10,121,022	2	0	2	1
Case 96	8	10,122,315	11,141,330	4	1	5	0
Case 96	8	11,142,437	12,483,094	9	0	9	1
Case 96	8	12,494,265	13,152,212	6	0	6	1
Case 96	8	13,153,938	14,860,953	7	1	8	0
Case 96	8	14,861,409	15,491,989	7	0	7	1
Case 96	8	15,493,417	20,381,833	4	1	5	0
Case 96	8	20,390,625	20,521,191	6	1	7	0
Case 96	8	20,525,787	22,175,086	4	1	5	0
Case 96	8	22,188,330	22,332,544	5	1	6	0
Case 96	8	22,333,014	23,602,802	3	1	4	0
Case 96	8	23,607,733	26,001,404	2	1	3	0
Case 96	8	26,002,358	27,022,315	4	1	5	0
Case 96	8	27,030,123	27,220,310	5	0	5	1
Case 96	8	27,226,790	27,690,612	6	0	6	1
Case 96	8	27,690,627	28,146,753	5	0	5	1
Case 96	8	28,146,771	29,473,431	4	1	5	0
Case 96	8	29,478,948	31,469,479	5	1	6	0
Case 96	8	31,474,141	32,695,646	4	1	5	0
Case 96	8	32,696,905	33,461,989	5	1	6	0
Case 96	8	33,462,084	43,791,691	2	1	3	0
Case 96	8	46,886,735	52,101,444	2	1	3	0
Case 96	8	52,120,526	52,155,807	1	1	2	0
Case 96	8	52,157,579	112,753,418	2	1	3	0
Case 96	8	112,758,125	137,338,230	3	1	4	0
Case 96	8	137,340,282	138,116,658	3	0	3	1
Case 96	8	138,121,678	146,293,414	3	1	4	0
Case 96	9	46,587	46,944,322	2	0	2	1
Case 96	9	65,629,772	76,098,252	2	0	2	1
Case 96	9	76,105,546	78,407,484	2	1	3	0
Case 96	9	78,412,423	83,583,372	2	0	2	1
Case 96	9	83,587,426	85,417,267	2	1	3	0
Case 96	9	85,421,474	99,427,491	2	0	2	1
Case 96	9	99,435,093	141,066,491	2	1	3	0
Case 96	10	98,087	39,097,912	2	1	3	0
Case 96	10	42,436,301	62,869,980	2	1	3	0
Case 96	10	62,896,874	66,263,070	3	2	5	0
Case 96	10	66,267,858	66,483,216	7	1	8	0
Case 96	10	66,484,138	66,610,911	8	1	9	0
Case 96	10	66,612,353	66,877,815	7	1	8	0
Case 96	10	66,878,139	67,363,095	8	1	9	0
Case 96	10	67,379,181	69,004,247	4	2	6	0
Case 96	10	69,005,693	73,154,073	2	2	4	0
Case 96	10	73,158,678	75,424,174	5	1	6	0
Case 96	10	75,477,298	75,708,906	6	0	6	1
Case 96	10	75,727,098	76,636,026	9	1	10	0
Case 96	10	76,642,997	78,176,479	7	1	8	0
Case 96	10	78,177,534	78,472,104	8	1	9	0
Case 96	10	78,482,228	79,969,839	7	1	8	0
Case 96	10	79,970,100	80,222,790	6	0	6	1

Case 96	10	80,223,615	81,145,266	7	0	7	1
Case 96	10	81,145,535	135,477,883	2	0	2	1
Case 96	11	193,146	50,447,311	2	1	3	0
Case 96	11	50,461,838	51,379,204	1	1	2	0
Case 96	11	51,383,999	51,591,253	2	1	3	0
Case 96	11	54,794,237	68,178,909	2	1	3	0
Case 96	11	68,181,248	68,205,997	8	0	8	1
Case 96	11	68,206,058	68,548,202	9	0	9	1
Case 96	11	68,549,546	69,326,308	8	0	8	1
Case 96	11	69,328,764	69,553,604	9	0	9	1
Case 96	11	69,556,722	69,592,814	7	0	7	1
Case 96	11	69,596,523	85,470,893	2	1	3	0
Case 96	11	85,473,248	102,713,627	1	1	2	0
Case 96	11	102,714,193	118,393,556	2	1	3	0
Case 96	11	118,393,856	118,944,046	1	1	2	0
Case 96	11	118,947,634	134,934,063	2	1	3	0
Case 96	12	191,619	713,285	2	1	3	0
Case 96	12	714,224	18,848,131	1	1	2	0
Case 96	12	18,849,084	20,122,534	9	0	9	1
Case 96	12	20,124,137	20,337,594	11	0	11	1
Case 96	12	20,338,941	20,398,906	9	1	10	0
Case 96	12	20,403,211	24,093,764	4	1	5	0
Case 96	12	24,099,662	25,240,480	8	0	8	1
Case 96	12	25,241,297	26,243,826	10	0	10	1
Case 96	12	26,244,644	28,237,294	8	0	8	1
Case 96	12	28,237,731	31,105,270	3	1	4	0
Case 96	12	31,105,440	32,383,658	2	1	3	0
Case 96	12	32,386,414	33,517,984	3	1	4	0
Case 96	12	33,529,062	34,853,011	2	1	3	0
Case 96	12	37,876,400	118,414,697	2	1	3	0
Case 96	12	118,415,758	118,454,666	1	1	2	0
Case 96	12	118,454,669	133,810,935	2	1	3	0
Case 96	13	19,058,717	115,103,529	3	0	3	1
Case 96	14	19,280,733	20,819,248	1	1	2	0
Case 96	14	20,820,404	107,287,663	2	1	3	0
Case 96	15	20,034,919	20,191,741	1	0	1	0
Case 96	15	20,192,086	102,461,162	2	0	2	1
Case 96	16	88,165	193,586	3	0	3	1
Case 96	16	194,845	6,238,959	2	0	2	1
Case 96	16	6,241,183	24,427,148	2	1	3	0
Case 96	16	24,429,827	25,360,547	2	0	2	1
Case 96	16	25,373,624	26,505,606	2	1	3	0
Case 96	16	26,507,054	27,895,382	2	0	2	1
Case 96	16	27,896,218	35,285,582	2	1	3	0
Case 96	16	46,450,037	60,146,143	2	1	3	0
Case 96	16	60,161,902	64,553,333	2	0	2	1
Case 96	16	64,554,640	82,741,256	2	1	3	0
Case 96	16	82,751,864	83,991,313	2	0	2	1
Case 96	16	83,992,895	90,274,695	2	1	3	0
Case 96	17	11,885	22,242,355	2	0	2	1
Case 96	17	25,268,142	41,433,660	2	0	2	1
Case 96	17	41,445,145	81,060,040	3	0	3	1
Case 96	18	87,505	15,375,878	1	1	2	0
Case 96	18	18,520,354	18,546,896	1	1	2	0
Case 96	18	18,550,415	32,982,350	2	1	3	0
Case 96	18	32,986,600	76,773,973	1	1	2	0
Case 96	18	76,783,352	78,015,180	2	1	3	0
Case 96	19	260,912	11,238,731	2	0	2	1
Case 96	19	11,238,975	21,666,759	3	0	3	1
Case 96	19	21,686,650	21,771,069	2	0	2	1
Case 96	19	21,775,371	24,490,299	3	0	3	1



Case 96	19	24,518,609	24,629,285	2	0	2	1
Case 96	19	27,732,159	59,097,160	2	0	2	1
Case 96	20	63,244	14,872,313	2	2	4	0
Case 96	20	14,877,654	14,995,343	2	1	3	0
Case 96	20	15,007,064	26,224,651	2	2	4	0
Case 96	20	26,225,145	26,293,985	2	1	3	0
Case 96	20	29,425,357	40,359,654	2	1	3	0
Case 96	20	40,360,853	62,948,788	2	2	4	0
Case 96	21	10,827,533	10,971,337	2	1	3	0
Case 96	21	14,368,320	16,495,307	2	1	3	0
Case 96	21	16,510,753	20,028,118	1	1	2	0
Case 96	21	20,030,395	25,335,327	1	0	1	0
Case 96	21	25,351,030	26,040,742	1	1	2	0
Case 96	21	26,041,588	30,189,876	2	0	2	1
Case 96	21	30,196,904	33,060,747	2	1	3	0
Case 96	21	33,065,598	33,505,090	2	0	2	1
Case 96	21	33,507,584	35,543,467	2	1	3	0
Case 96	21	35,545,060	46,441,947	2	0	2	1
Case 96	21	46,451,705	46,742,130	7	0	7	1
Case 96	21	46,746,161	47,777,106	9	0	9	1
Case 96	21	47,783,487	48,100,155	2	0	2	1
Case 96	22	16,114,244	27,139,303	1	1	2	0
Case 96	22	27,141,605	32,914,209	2	1	3	0
Case 96	22	32,914,312	33,408,519	1	1	2	0
Case 96	22	33,411,446	49,195,316	2	1	3	0
Case 96	22	49,196,010	49,200,341	1	1	2	0
Case 96	22	49,201,704	51,195,728	2	1	3	0
Case 96	X	2,700,157	58,488,110	1	0	1	0
Case 96	X	61,694,576	70,817,804	1	0	1	0
Case 96	X	70,823,692	154,898,561	2	0	2	1
Case 97	1	82,154	113,021,218	2	1	3	0
Case 97	1	113,023,980	113,046,395	1	1	2	0
Case 97	1	113,049,862	121,346,616	2	1	3	0
Case 97	1	142,649,718	146,633,933	2	2	4	0
Case 97	1	146,634,514	158,812,064	3	2	5	0
Case 97	1	158,812,091	195,659,664	4	2	6	0
Case 97	1	195,672,584	196,801,025	3	2	5	0
Case 97	1	196,823,300	196,901,753	4	2	6	0
Case 97	1	196,918,605	218,989,270	3	2	5	0
Case 97	1	218,992,800	219,706,428	4	2	6	0
Case 97	1	219,707,074	222,946,204	3	2	5	0
Case 97	1	222,951,972	223,117,960	4	2	6	0
Case 97	1	223,118,253	225,215,123	3	2	5	0
Case 97	1	225,226,478	225,477,546	4	2	6	0
Case 97	1	225,490,915	249,218,992	3	2	5	0
Case 97	2	18,674	35,967,350	3	1	4	0
Case 97	2	35,973,963	36,178,802	4	1	5	0
Case 97	2	36,178,894	37,694,090	3	1	4	0
Case 97	2	37,695,748	43,410,169	4	1	5	0
Case 97	2	43,411,001	47,136,186	3	1	4	0
Case 97	2	47,145,029	47,590,034	4	0	4	1
Case 97	2	47,593,094	48,361,852	4	2	6	0
Case 97	2	48,367,696	48,765,070	5	3	8	0
Case 97	2	48,769,377	49,732,935	4	3	7	0
Case 97	2	49,737,819	50,692,560	5	3	8	0
Case 97	2	50,698,154	50,824,331	3	3	6	0
Case 97	2	50,826,484	51,135,341	4	3	7	0
Case 97	2	51,135,474	51,318,316	6	3	9	0
Case 97	2	51,324,337	51,629,091	4	3	7	0
Case 97	2	51,633,618	52,187,098	3	1	4	0
Case 97	2	52,190,388	82,905,879	3	2	5	0

Case 97	2	82,918,725	83,029,469	4	2	6	0
Case 97	2	83,037,125	92,081,640	3	2	5	0
Case 97	2	95,429,424	107,558,907	3	2	5	0
Case 97	2	107,567,363	119,435,628	3	1	4	0
Case 97	2	119,444,229	119,608,582	4	1	5	0
Case 97	2	119,610,043	127,540,119	3	1	4	0
Case 97	2	127,548,764	127,587,337	4	1	5	0
Case 97	2	127,593,168	134,004,520	3	1	4	0
Case 97	2	134,005,569	135,483,381	4	1	5	0
Case 97	2	135,483,413	141,751,676	3	1	4	0
Case 97	2	141,752,588	141,863,233	3	2	5	0
Case 97	2	141,867,448	166,133,632	3	1	4	0
Case 97	2	166,134,322	166,421,414	4	1	5	0
Case 97	2	166,422,010	181,319,803	3	1	4	0
Case 97	2	181,324,735	193,920,436	4	1	5	0
Case 97	2	193,933,194	205,620,551	3	1	4	0
Case 97	2	205,623,306	205,674,952	1	0	1	0
Case 97	2	205,685,674	207,915,477	3	1	4	0
Case 97	2	207,915,849	208,231,478	4	1	5	0
Case 97	2	208,231,640	242,873,800	3	1	4	0
Case 97	2	242,917,734	243,048,760	4	1	5	0
Case 97	3	61,495	374,869	4	0	4	1
Case 97	3	375,590	7,883,440	3	0	3	1
Case 97	3	7,889,657	57,165,310	4	0	4	1
Case 97	3	57,173,915	57,974,822	3	0	3	1
Case 97	3	57,977,432	60,053,331	4	0	4	1
Case 97	3	60,055,347	60,390,846	0	0	0	0
Case 97	3	60,396,850	60,421,119	3	0	3	1
Case 97	3	60,423,009	65,173,884	4	0	4	1
Case 97	3	65,177,996	65,560,167	2	0	2	1
Case 97	3	65,562,398	74,669,078	4	0	4	1
Case 97	3	74,670,150	90,442,925	3	0	3	1
Case 97	3	93,537,290	96,066,172	3	0	3	1
Case 97	3	96,073,585	115,195,109	4	0	4	1
Case 97	3	115,200,732	115,335,684	0	0	0	0
Case 97	3	115,339,747	115,536,212	4	0	4	1
Case 97	3	115,543,891	115,721,099	0	0	0	0
Case 97	3	115,728,651	133,000,230	4	0	4	1
Case 97	3	133,004,714	137,659,603	3	2	5	0
Case 97	3	137,664,132	137,781,678	4	2	6	0
Case 97	3	137,781,689	168,546,914	3	2	5	0
Case 97	3	168,564,812	168,610,857	4	2	6	0
Case 97	3	168,615,125	175,228,372	3	2	5	0
Case 97	3	175,233,654	176,011,401	2	0	2	1
Case 97	3	176,014,233	197,838,262	3	2	5	0
Case 97	4	71,566	973,036	3	0	3	1
Case 97	4	976,598	6,817,928	4	0	4	1
Case 97	4	6,826,228	7,366,947	2	0	2	1
Case 97	4	7,369,230	8,729,471	4	0	4	1
Case 97	4	8,731,330	9,596,615	3	0	3	1
Case 97	4	9,602,724	18,754,324	4	0	4	1
Case 97	4	18,756,789	21,622,448	3	0	3	1
Case 97	4	21,622,793	21,770,028	2	0	2	1
Case 97	4	21,778,153	22,537,387	4	0	4	1
Case 97	4	22,538,841	42,003,775	3	0	3	1
Case 97	4	42,006,057	49,620,898	3	2	5	0
Case 97	4	52,697,856	60,391,854	3	2	5	0
Case 97	4	60,393,064	73,637,861	2	1	3	0
Case 97	4	73,640,679	73,676,145	1	1	2	0
Case 97	4	73,680,605	91,267,470	2	1	3	0
Case 97	4	91,269,591	91,429,013	3	1	4	0

Case 97	4	91,433,794	165,422,101	2	1	3	0
Case 97	4	165,425,204	165,628,168	2	2	4	0
Case 97	4	165,628,814	190,963,766	2	1	3	0
Case 97	5	38,139	2,135,268	3	2	5	0
Case 97	5	2,136,570	27,788,565	3	1	4	0
Case 97	5	27,792,192	27,863,479	4	1	5	0
Case 97	5	27,873,179	45,303,672	3	1	4	0
Case 97	5	45,305,521	45,841,630	3	2	5	0
Case 97	5	45,874,923	46,399,093	2	1	3	0
Case 97	5	49,457,282	49,636,753	2	1	3	0
Case 97	5	49,639,137	133,199,252	3	1	4	0
Case 97	5	133,199,549	133,224,274	4	1	5	0
Case 97	5	133,224,404	180,567,719	3	1	4	0
Case 97	5	180,575,250	180,693,127	2	1	3	0
Case 97	6	108,666	32,730,940	3	1	4	0
Case 97	6	32,731,258	32,734,304	4	1	5	0
Case 97	6	32,734,477	58,752,089	3	1	4	0
Case 97	6	61,891,118	71,922,715	3	1	4	0
Case 97	6	71,929,868	86,896,768	4	1	5	0
Case 97	6	86,898,957	119,076,378	4	0	4	1
Case 97	6	119,079,281	170,980,171	4	1	5	0
Case 97	7	44,935	13,520,443	4	2	6	0
Case 97	7	13,522,169	14,675,706	5	0	5	1
Case 97	7	14,682,282	15,503,313	4	3	7	0
Case 97	7	15,506,789	15,998,111	4	2	6	0
Case 97	7	16,007,799	16,686,940	5	2	7	0
Case 97	7	16,687,542	19,518,160	5	1	6	0
Case 97	7	19,521,578	38,297,145	5	0	5	1
Case 97	7	38,298,285	38,363,748	6	0	6	1
Case 97	7	38,363,929	55,855,180	5	0	5	1
Case 97	7	55,856,799	58,019,061	4	0	4	1
Case 97	7	61,056,053	76,444,648	4	0	4	1
Case 97	7	76,474,914	99,552,892	5	0	5	1
Case 97	7	99,557,217	103,205,840	4	0	4	1
Case 97	7	103,206,714	111,409,724	5	0	5	1
Case 97	7	111,415,150	111,877,893	4	0	4	1
Case 97	7	111,884,988	118,652,797	5	0	5	1
Case 97	7	118,669,625	119,502,677	5	2	7	0
Case 97	7	119,512,369	122,634,998	5	1	6	0
Case 97	7	122,635,024	159,119,486	5	0	5	1
Case 97	8	164,984	2,527,251	3	2	5	0
Case 97	8	2,532,368	6,572,165	2	2	4	0
Case 97	8	6,575,683	10,968,189	3	2	5	0
Case 97	8	10,969,075	12,181,277	6	3	9	0
Case 97	8	12,483,094	12,592,956	3	1	4	0
Case 97	8	12,593,429	17,744,768	3	2	5	0
Case 97	8	17,746,785	17,838,213	3	1	4	0
Case 97	8	17,843,043	42,374,546	3	2	5	0
Case 97	8	42,388,301	43,791,691	2	1	3	0
Case 97	8	46,886,735	47,429,464	2	1	3	0
Case 97	8	47,469,217	53,341,622	3	2	5	0
Case 97	8	53,342,616	55,630,615	2	2	4	0
Case 97	8	55,632,762	59,484,832	3	2	5	0
Case 97	8	59,484,833	78,986,967	2	1	3	0
Case 97	8	78,990,829	101,691,690	4	1	5	0
Case 97	8	101,705,480	101,803,629	4	2	6	0
Case 97	8	101,806,147	146,293,414	4	1	5	0
Case 97	9	46,587	9,066,755	3	0	3	1
Case 97	9	9,069,839	9,348,853	2	0	2	1
Case 97	9	9,349,832	21,239,850	3	0	3	1
Case 97	9	21,255,150	22,607,894	0	0	0	0

Case 97	9	22,608,275	31,955,694	3	0	3	1
Case 97	9	31,970,850	35,671,627	5	2	7	0
Case 97	9	35,673,891	46,944,322	3	2	5	0
Case 97	9	65,629,772	141,066,491	3	1	4	0
Case 97	10	98,087	19,990,132	4	2	6	0
Case 97	10	20,002,736	39,097,912	2	2	4	0
Case 97	10	42,436,301	42,884,169	2	2	4	0
Case 97	10	42,893,353	68,129,783	3	2	5	0
Case 97	10	68,130,116	111,581,612	3	1	4	0
Case 97	10	111,585,360	115,850,176	4	0	4	1
Case 97	10	115,856,833	123,904,213	3	0	3	1
Case 97	10	123,907,150	135,477,883	4	0	4	1
Case 97	11	193,146	8,849,495	4	0	4	1
Case 97	11	8,852,239	10,387,833	3	0	3	1
Case 97	11	10,388,782	18,359,742	4	0	4	1
Case 97	11	18,359,784	18,631,527	3	0	3	1
Case 97	11	18,631,622	22,753,580	4	0	4	1
Case 97	11	22,754,297	26,027,163	3	0	3	1
Case 97	11	26,027,235	26,611,665	4	0	4	1
Case 97	11	26,611,796	32,450,067	3	1	4	0
Case 97	11	32,453,536	33,498,468	3	0	3	1
Case 97	11	33,518,390	49,304,358	3	1	4	0
Case 97	11	49,311,134	50,345,592	3	2	5	0
Case 97	11	50,349,310	51,591,253	3	1	4	0
Case 97	11	54,794,237	55,027,673	3	1	4	0
Case 97	11	55,028,549	69,384,851	3	2	5	0
Case 97	11	69,391,327	69,442,963	4	2	6	0
Case 97	11	69,445,284	79,474,831	3	2	5	0
Case 97	11	79,485,137	87,548,852	3	1	4	0
Case 97	11	87,551,827	87,654,207	4	1	5	0
Case 97	11	87,664,122	132,945,546	3	1	4	0
Case 97	11	132,949,473	134,934,063	4	1	5	0
Case 97	12	191,619	717,138	4	0	4	1
Case 97	12	721,030	1,515,387	3	0	3	1
Case 97	12	1,517,234	7,993,316	4	0	4	1
Case 97	12	8,000,912	8,123,306	5	1	6	0
Case 97	12	8,125,745	10,772,547	3	0	3	1
Case 97	12	10,772,824	20,818,199	4	0	4	1
Case 97	12	20,818,476	21,658,604	3	0	3	1
Case 97	12	21,659,368	21,761,315	2	0	2	1
Case 97	12	21,780,851	24,115,901	4	0	4	1
Case 97	12	24,117,433	24,164,958	3	0	3	1
Case 97	12	24,166,066	34,263,134	4	0	4	1
Case 97	12	34,266,694	34,853,011	3	0	3	1
Case 97	12	37,876,400	45,725,088	3	0	3	1
Case 97	12	45,726,615	48,991,637	4	0	4	1
Case 97	12	48,995,955	53,505,327	3	0	3	1
Case 97	12	53,509,433	58,423,872	6	0	6	1
Case 97	12	58,437,828	58,750,680	7	0	7	1
Case 97	12	58,757,312	64,311,518	3	0	3	1
Case 97	12	64,312,610	72,791,120	6	0	6	1
Case 97	12	72,792,515	79,911,687	7	0	7	1
Case 97	12	79,922,319	81,901,318	6	0	6	1
Case 97	12	81,907,953	82,466,501	8	0	8	1
Case 97	12	82,468,337	84,839,987	6	0	6	1
Case 97	12	84,848,921	85,766,847	8	0	8	1
Case 97	12	85,785,109	86,373,935	13	0	13	1
Case 97	12	86,377,300	90,062,662	0	0	0	0
Case 97	12	90,064,604	90,777,525	3	1	4	0
Case 97	12	90,781,158	91,068,508	0	0	0	0
Case 97	12	91,071,028	94,331,698	4	0	4	1

Case 97	12	94,334,880	133,810,935	3	0	3	1
Case 97	13	19,058,717	64,860,356	3	2	5	0
Case 97	13	64,864,846	69,282,276	3	1	4	0
Case 97	13	69,282,388	115,103,529	3	2	5	0
Case 97	14	19,280,733	22,434,423	4	0	4	1
Case 97	14	22,435,602	22,988,571	5	0	5	1
Case 97	14	22,997,833	26,704,377	4	0	4	1
Case 97	14	26,710,271	30,311,094	3	0	3	1
Case 97	14	30,312,091	34,712,318	4	0	4	1
Case 97	14	34,718,068	35,703,521	3	0	3	1
Case 97	14	35,703,839	37,418,720	4	0	4	1
Case 97	14	37,420,572	107,287,663	3	0	3	1
Case 97	15	20,034,919	22,369,360	3	1	4	0
Case 97	15	22,382,854	25,652,326	3	0	3	1
Case 97	15	25,654,749	50,669,718	4	0	4	1
Case 97	15	50,672,420	51,233,901	3	0	3	1
Case 97	15	51,237,910	74,615,507	4	0	4	1
Case 97	15	74,617,839	74,627,335	3	0	3	1
Case 97	15	74,627,499	102,461,162	4	0	4	1
Case 97	16	88,165	11,901,557	4	1	5	0
Case 97	16	11,919,959	12,221,828	3	1	4	0
Case 97	16	12,222,064	25,666,094	4	1	5	0
Case 97	16	25,667,914	25,904,991	6	1	7	0
Case 97	16	25,906,665	35,285,582	4	1	5	0
Case 97	16	46,450,037	64,259,501	4	0	4	1
Case 97	16	64,264,242	66,483,806	5	0	5	1
Case 97	16	66,486,925	78,911,326	4	0	4	1
Case 97	16	78,911,336	79,013,032	0	0	0	0
Case 97	16	79,013,587	81,489,930	4	0	4	1
Case 97	16	81,490,749	83,683,945	5	0	5	1
Case 97	16	83,687,469	86,171,280	4	0	4	1
Case 97	16	86,176,291	86,945,763	5	0	5	1
Case 97	16	86,952,035	90,274,695	4	0	4	1
Case 97	17	11,885	781,533	2	2	4	0
Case 97	17	782,416	6,114,005	3	0	3	1
Case 97	17	6,114,873	6,733,677	3	2	5	0
Case 97	17	6,738,521	8,943,063	2	2	4	0
Case 97	17	8,956,285	22,242,355	3	0	3	1
Case 97	17	25,268,142	30,616,893	2	2	4	0
Case 97	17	30,621,930	34,597,521	3	2	5	0
Case 97	17	34,815,551	49,494,575	2	2	4	0
Case 97	17	49,494,646	52,467,631	3	2	5	0
Case 97	17	52,483,122	52,845,350	2	1	3	0
Case 97	17	52,847,941	56,157,617	3	2	5	0
Case 97	17	56,158,245	73,059,836	2	2	4	0
Case 97	17	73,060,073	75,995,207	3	2	5	0
Case 97	17	76,012,854	76,301,199	4	1	5	0
Case 97	17	76,304,532	81,060,040	3	2	5	0
Case 97	18	87,505	694,268	3	0	3	1
Case 97	18	706,478	3,693,772	5	0	5	1
Case 97	18	3,703,559	6,480,844	2	0	2	1
Case 97	18	6,482,886	6,942,997	0	0	0	0
Case 97	18	6,943,264	6,956,238	1	0	1	0
Case 97	18	6,956,393	8,725,016	0	0	0	0
Case 97	18	8,726,629	15,375,878	2	0	2	1
Case 97	18	18,520,354	18,561,020	2	0	2	1
Case 97	18	18,564,483	20,461,282	4	0	4	1
Case 97	18	20,462,455	71,714,278	2	0	2	1
Case 97	18	71,728,552	73,605,345	5	0	5	1
Case 97	18	73,607,635	78,015,180	4	0	4	1
Case 97	19	260,912	11,881,451	2	1	3	0

Case 97	19	11,885,777	12,589,174	1	1	2	0
Case 97	19	12,589,502	20,497,400	2	1	3	0
Case 97	19	20,499,493	21,636,240	1	1	2	0
Case 97	19	21,651,310	24,629,285	2	1	3	0
Case 97	19	27,732,159	28,054,130	2	1	3	0
Case 97	19	28,066,083	31,609,586	3	2	5	0
Case 97	19	31,609,701	36,720,221	2	2	4	0
Case 97	19	36,721,368	37,383,253	2	1	3	0
Case 97	19	37,383,894	38,312,439	2	2	4	0
Case 97	19	38,319,897	38,824,344	4	2	6	0
Case 97	19	38,827,960	40,658,577	2	2	4	0
Case 97	19	40,667,691	42,967,023	3	0	3	1
Case 97	19	42,986,983	44,309,002	2	2	4	0
Case 97	19	44,318,199	44,586,169	4	2	6	0
Case 97	19	44,589,909	45,971,095	2	2	4	0
Case 97	19	45,971,941	47,007,231	4	2	6	0
Case 97	19	47,007,520	47,035,436	5	2	7	0
Case 97	19	47,049,928	50,785,386	3	2	5	0
Case 97	19	50,788,503	51,754,812	4	2	6	0
Case 97	19	51,759,525	51,857,658	7	1	8	0
Case 97	19	51,857,738	56,693,620	6	1	7	0
Case 97	19	56,694,505	59,097,160	3	0	3	1
Case 97	20	63,244	238,441	6	1	7	0
Case 97	20	238,530	6,734,650	5	1	6	0
Case 97	20	6,736,189	23,179,989	6	1	7	0
Case 97	20	23,181,354	26,288,197	5	1	6	0
Case 97	20	26,293,985	26,293,985	4	1	5	0
Case 97	20	29,425,357	51,157,242	4	1	5	0
Case 97	20	51,158,341	51,570,693	5	2	7	0
Case 97	20	51,574,683	59,142,286	4	1	5	0
Case 97	20	59,142,595	62,948,788	4	2	6	0
Case 97	21	10,827,533	10,971,337	2	1	3	0
Case 97	21	14,368,320	48,100,155	2	1	3	0
Case 97	22	16,114,244	51,195,728	4	0	4	1
Case 97	X	2,700,157	58,488,110	2	0	2	1
Case 97	X	61,694,576	154,898,561	2	0	2	1
Case 98	1	82,154	121,346,616	1	1	2	0
Case 98	1	142,649,718	249,218,992	1	1	2	0
Case 98	2	18,674	92,081,640	1	1	2	0
Case 98	2	95,429,424	110,477,792	1	1	2	0
Case 98	2	110,852,875	111,392,259	2	1	3	0
Case 98	2	111,395,603	243,048,760	1	1	2	0
Case 98	3	61,495	90,442,925	1	1	2	0
Case 98	3	93,537,290	197,838,262	1	1	2	0
Case 98	4	71,566	49,620,898	1	1	2	0
Case 98	4	52,697,856	190,963,766	1	1	2	0
Case 98	5	38,139	46,399,093	1	1	2	0
Case 98	5	49,457,282	180,693,127	1	1	2	0
Case 98	6	108,666	58,752,089	1	1	2	0
Case 98	6	61,891,118	170,980,171	1	1	2	0
Case 98	7	44,935	58,019,061	1	1	2	0
Case 98	7	61,056,053	159,119,486	1	1	2	0
Case 98	8	164,984	43,791,691	1	1	2	0
Case 98	8	46,886,735	146,293,414	1	1	2	0
Case 98	9	46,587	46,944,322	1	1	2	0
Case 98	9	65,629,772	141,066,491	1	1	2	0
Case 98	10	98,087	39,097,912	1	1	2	0
Case 98	10	42,436,301	135,477,883	1	1	2	0
Case 98	11	193,146	51,591,253	1	1	2	0
Case 98	11	54,794,237	134,934,063	1	1	2	0
Case 98	12	191,619	34,853,011	1	1	2	0

Case 98	12	37,876,400	133,810,935	1	1	2	0
Case 98	13	19,058,717	115,103,529	1	1	2	0
Case 98	14	19,280,733	107,287,663	1	1	2	0
Case 98	15	20,034,919	45,490,974	1	1	2	0
Case 98	15	45,490,988	46,337,445	2	1	3	0
Case 98	15	46,345,687	102,461,162	1	1	2	0
Case 98	16	88,165	35,285,582	1	1	2	0
Case 98	16	46,450,037	90,274,695	1	1	2	0
Case 98	17	11,885	22,242,355	1	1	2	0
Case 98	17	25,268,142	34,416,038	1	1	2	0
Case 98	17	34,416,058	34,597,521	2	1	3	0
Case 98	17	34,815,551	81,060,040	1	1	2	0
Case 98	18	87,505	15,375,878	1	1	2	0
Case 98	18	18,520,354	78,015,180	1	1	2	0
Case 98	19	260,912	24,629,285	1	1	2	0
Case 98	19	27,732,159	59,097,160	1	1	2	0
Case 98	20	63,244	26,293,985	1	1	2	0
Case 98	20	29,425,357	62,948,788	1	1	2	0
Case 98	21	10,827,533	10,971,337	1	1	2	0
Case 98	21	14,368,320	48,100,155	1	1	2	0
Case 98	22	16,114,244	51,195,728	1	1	2	0
Case 98	X	2,700,157	58,488,110	1	1	2	0
Case 98	X	61,694,576	154,898,561	1	1	2	0
Case 100	1	82,154	1,219,775	2	1	3	0
Case 100	1	1,220,136	2,381,568	3	1	4	0
Case 100	1	2,387,101	34,283,024	2	1	3	0
Case 100	1	34,286,107	35,485,167	3	1	4	0
Case 100	1	35,485,203	39,071,272	2	1	3	0
Case 100	1	39,076,855	41,618,297	3	1	4	0
Case 100	1	41,634,956	42,360,713	4	1	5	0
Case 100	1	42,361,102	45,067,435	6	1	7	0
Case 100	1	45,067,768	45,740,469	4	1	5	0
Case 100	1	45,742,914	46,179,997	3	1	4	0
Case 100	1	46,182,597	49,189,775	2	1	3	0
Case 100	1	49,193,129	49,352,177	5	1	6	0
Case 100	1	49,361,990	117,767,736	2	1	3	0
Case 100	1	117,767,918	121,346,616	3	1	4	0
Case 100	1	142,649,718	147,276,251	2	2	4	0
Case 100	1	147,277,764	147,394,004	4	2	6	0
Case 100	1	147,420,120	152,166,322	2	2	4	0
Case 100	1	152,183,474	153,135,946	3	2	5	0
Case 100	1	153,136,355	153,584,242	2	2	4	0
Case 100	1	153,585,974	154,252,860	4	2	6	0
Case 100	1	154,270,877	155,723,008	2	2	4	0
Case 100	1	155,723,141	158,450,248	2	1	3	0
Case 100	1	158,450,314	229,004,264	3	0	3	1
Case 100	1	229,005,123	229,141,933	4	0	4	1
Case 100	1	229,142,111	249,218,992	3	0	3	1
Case 100	2	18,674	43,315,848	3	0	3	1
Case 100	2	43,317,253	43,371,542	4	2	6	0
Case 100	2	43,386,134	46,639,626	3	2	5	0
Case 100	2	46,641,955	49,519,654	2	2	4	0
Case 100	2	49,522,163	69,940,780	3	0	3	1
Case 100	2	69,941,287	70,560,939	2	0	2	1
Case 100	2	70,562,650	73,878,352	3	0	3	1
Case 100	2	73,878,827	73,928,422	5	0	5	1
Case 100	2	73,932,044	92,081,640	3	0	3	1
Case 100	2	95,429,424	98,479,581	3	0	3	1
Case 100	2	98,543,945	133,881,219	3	2	5	0
Case 100	2	133,883,098	142,567,436	2	2	4	0
Case 100	2	142,567,860	171,092,865	3	2	5	0

Case 100	2	171,096,605	172,422,877	2	2	4	0
Case 100	2	172,423,295	172,464,008	2	1	3	0
Case 100	2	172,468,776	181,602,526	2	2	4	0
Case 100	2	181,604,341	215,242,709	3	2	5	0
Case 100	2	215,243,552	218,153,274	2	2	4	0
Case 100	2	218,154,769	228,102,752	3	2	5	0
Case 100	2	228,103,702	234,204,113	2	2	4	0
Case 100	2	234,206,474	235,419,415	3	2	5	0
Case 100	2	235,421,603	243,048,760	2	2	4	0
Case 100	3	61,495	60,975,380	2	1	3	0
Case 100	3	60,977,517	61,077,258	2	0	2	1
Case 100	3	61,081,348	90,442,925	2	1	3	0
Case 100	3	93,537,290	98,141,086	2	1	3	0
Case 100	3	98,147,260	136,664,749	3	1	4	0
Case 100	3	136,664,970	197,838,262	2	1	3	0
Case 100	4	71,566	40,451,394	2	1	3	0
Case 100	4	40,452,114	40,546,244	2	0	2	1
Case 100	4	40,548,057	49,061,141	2	1	3	0
Case 100	4	49,061,848	49,620,898	1	1	2	0
Case 100	4	52,697,856	73,181,637	1	1	2	0
Case 100	4	73,181,656	79,646,371	2	1	3	0
Case 100	4	79,655,286	190,963,766	1	1	2	0
Case 100	5	38,139	3,109,410	5	0	5	1
Case 100	5	3,110,197	7,149,777	3	0	3	1
Case 100	5	7,155,116	7,178,644	1	0	1	0
Case 100	5	7,179,551	17,137,175	2	0	2	1
Case 100	5	17,142,051	20,358,169	1	0	1	0
Case 100	5	20,364,007	31,483,596	7	0	7	1
Case 100	5	31,485,230	41,009,282	6	0	6	1
Case 100	5	41,010,097	46,174,864	7	0	7	1
Case 100	5	46,228,333	46,399,093	3	0	3	1
Case 100	5	49,457,282	49,564,798	3	0	3	1
Case 100	5	49,586,870	49,624,236	2	0	2	1
Case 100	5	49,636,753	56,742,262	3	0	3	1
Case 100	5	56,749,587	58,618,889	5	0	5	1
Case 100	5	58,620,440	68,284,159	3	0	3	1
Case 100	5	68,287,747	70,998,053	2	0	2	1
Case 100	5	71,002,954	78,468,004	3	0	3	1
Case 100	5	78,477,017	78,576,210	2	0	2	1
Case 100	5	78,587,100	139,931,384	3	0	3	1
Case 100	5	139,931,607	139,936,825	0	0	0	0
Case 100	5	139,936,835	180,693,127	3	0	3	1
Case 100	6	108,666	31,426,399	3	0	3	1
Case 100	6	31,427,231	58,752,089	2	1	3	0
Case 100	6	61,891,118	78,294,880	2	1	3	0
Case 100	6	78,297,902	101,805,148	2	2	4	0
Case 100	6	101,807,507	110,241,059	2	1	3	0
Case 100	6	110,242,224	151,914,385	2	2	4	0
Case 100	6	151,914,951	157,266,505	4	2	6	0
Case 100	6	157,268,603	170,980,171	2	0	2	1
Case 100	7	44,935	23,768,907	2	1	3	0
Case 100	7	23,771,484	54,412,608	2	2	4	0
Case 100	7	54,419,111	58,019,061	2	1	3	0
Case 100	7	61,056,053	75,946,763	2	1	3	0
Case 100	7	75,951,230	86,633,357	3	1	4	0
Case 100	7	86,639,826	89,218,446	4	1	5	0
Case 100	7	89,254,213	137,854,038	2	1	3	0
Case 100	7	137,854,311	138,073,611	1	0	1	0
Case 100	7	138,074,052	138,982,565	2	1	3	0
Case 100	7	138,983,384	144,354,794	4	1	5	0
Case 100	7	144,358,244	149,072,406	2	1	3	0



Case 100	7	149,074,314	149,512,800	1	1	2	0
Case 100	7	149,513,077	149,521,199	1	0	1	0
Case 100	7	149,521,517	159,119,486	2	1	3	0
Case 100	8	164,984	6,016,650	4	0	4	1
Case 100	8	6,016,801	12,554,743	3	1	4	0
Case 100	8	12,559,475	13,590,754	6	1	7	0
Case 100	8	13,593,642	13,766,875	8	0	8	1
Case 100	8	13,777,214	38,088,406	3	0	3	1
Case 100	8	38,091,917	43,791,691	3	1	4	0
Case 100	8	46,886,735	50,808,334	3	1	4	0
Case 100	8	50,809,407	54,852,787	3	2	5	0
Case 100	8	54,855,680	61,226,540	2	1	3	0
Case 100	8	61,230,529	62,596,622	3	2	5	0
Case 100	8	62,599,098	69,532,253	2	2	4	0
Case 100	8	69,534,542	76,230,301	2	1	3	0
Case 100	8	76,231,410	79,374,229	2	2	4	0
Case 100	8	79,394,667	81,036,045	5	2	7	0
Case 100	8	81,045,600	83,273,087	4	2	6	0
Case 100	8	83,273,096	85,284,531	5	2	7	0
Case 100	8	85,295,976	113,099,309	3	2	5	0
Case 100	8	113,110,939	120,744,349	4	1	5	0
Case 100	8	120,744,399	125,493,942	3	1	4	0
Case 100	8	125,498,341	129,503,291	4	1	5	0
Case 100	8	129,503,361	133,158,041	4	2	6	0
Case 100	8	133,162,001	140,720,163	3	2	5	0
Case 100	8	140,720,412	146,293,414	2	1	3	0
Case 100	9	46,587	8,733,788	3	0	3	1
Case 100	9	8,733,833	46,944,322	2	0	2	1
Case 100	9	65,629,772	141,066,491	4	1	5	0
Case 100	10	98,087	39,097,912	1	1	2	0
Case 100	10	42,436,301	61,011,974	1	1	2	0
Case 100	10	61,012,596	61,029,777	3	0	3	1
Case 100	10	61,035,570	61,651,701	4	1	5	0
Case 100	10	61,657,741	62,072,030	3	1	4	0
Case 100	10	62,078,203	62,826,952	4	1	5	0
Case 100	10	62,828,045	66,510,544	3	1	4	0
Case 100	10	66,515,337	68,594,908	2	1	3	0
Case 100	10	68,597,130	71,368,698	1	1	2	0
Case 100	10	71,372,590	73,724,757	2	1	3	0
Case 100	10	73,729,228	77,072,928	1	1	2	0
Case 100	10	77,073,351	80,853,508	2	1	3	0
Case 100	10	80,854,255	109,514,980	1	1	2	0
Case 100	10	109,519,015	120,366,341	2	1	3	0
Case 100	10	120,368,581	121,436,483	1	1	2	0
Case 100	10	121,436,502	135,477,883	2	1	3	0
Case 100	11	193,146	9,202,357	3	0	3	1
Case 100	11	9,206,279	9,625,196	2	0	2	1
Case 100	11	9,627,471	45,001,728	3	0	3	1
Case 100	11	45,009,133	45,117,171	6	2	8	0
Case 100	11	45,117,405	46,886,077	4	2	6	0
Case 100	11	46,890,165	48,754,534	3	2	5	0
Case 100	11	48,760,364	50,292,520	3	1	4	0
Case 100	11	50,296,502	51,521,929	2	1	3	0
Case 100	11	51,525,878	51,591,253	3	1	4	0
Case 100	11	54,794,237	60,768,044	3	1	4	0
Case 100	11	60,772,090	68,254,328	2	1	3	0
Case 100	11	68,256,847	89,404,829	3	1	4	0
Case 100	11	89,405,190	95,621,376	2	1	3	0
Case 100	11	95,634,278	99,722,295	2	2	4	0
Case 100	11	99,726,369	100,793,518	2	0	2	1
Case 100	11	100,793,689	104,897,049	2	2	4	0

Case 100	11	104,897,437	104,955,489	2	1	3	0
Case 100	11	104,958,571	114,984,572	2	2	4	0
Case 100	11	114,995,252	124,086,422	2	1	3	0
Case 100	11	124,094,644	126,837,505	2	2	4	0
Case 100	11	126,841,619	128,727,063	2	0	2	1
Case 100	11	128,729,845	129,616,272	2	2	4	0
Case 100	11	129,618,046	134,934,063	2	0	2	1
Case 100	12	191,619	34,853,011	3	1	4	0
Case 100	12	37,876,400	57,908,775	3	1	4	0
Case 100	12	57,908,817	71,572,041	4	0	4	1
Case 100	12	71,575,611	73,670,532	3	0	3	1
Case 100	12	73,673,738	120,189,879	3	1	4	0
Case 100	12	120,189,888	124,349,236	2	1	3	0
Case 100	12	124,352,122	133,810,935	3	1	4	0
Case 100	13	19,058,717	43,469,222	2	1	3	0
Case 100	13	43,471,403	43,570,801	3	2	5	0
Case 100	13	43,571,021	43,755,216	4	1	5	0
Case 100	13	43,760,740	43,777,086	3	2	5	0
Case 100	13	43,777,114	79,559,862	2	1	3	0
Case 100	13	79,559,977	94,598,974	3	1	4	0
Case 100	13	94,612,361	94,812,010	1	1	2	0
Case 100	13	94,818,360	115,103,529	3	1	4	0
Case 100	14	19,280,733	22,340,873	3	0	3	1
Case 100	14	22,342,442	22,963,646	4	0	4	1
Case 100	14	22,964,782	42,870,461	3	0	3	1
Case 100	14	42,870,963	42,952,898	0	0	0	0
Case 100	14	42,961,305	88,349,471	3	0	3	1
Case 100	14	88,355,122	88,431,898	5	0	5	1
Case 100	14	88,431,969	107,287,663	3	0	3	1
Case 100	15	20,034,919	26,811,016	2	1	3	0
Case 100	15	26,811,130	38,975,293	1	1	2	0
Case 100	15	38,976,860	45,440,621	2	1	3	0
Case 100	15	45,442,896	45,488,132	1	1	2	0
Case 100	15	45,490,974	55,321,128	2	1	3	0
Case 100	15	55,321,542	57,028,497	1	1	2	0
Case 100	15	57,029,988	74,489,153	2	1	3	0
Case 100	15	74,489,207	76,315,542	1	1	2	0
Case 100	15	76,350,112	89,274,007	2	1	3	0
Case 100	15	89,274,382	90,771,750	1	1	2	0
Case 100	15	90,771,754	102,461,162	2	1	3	0
Case 100	16	88,165	14,760,734	2	1	3	0
Case 100	16	14,761,632	16,363,239	2	2	4	0
Case 100	16	16,633,361	35,285,582	2	1	3	0
Case 100	16	46,450,037	90,274,695	1	1	2	0
Case 100	17	11,885	22,242,355	3	0	3	1
Case 100	17	25,268,142	31,320,980	3	0	3	1
Case 100	17	31,321,391	72,838,645	4	0	4	1
Case 100	17	72,838,649	74,336,545	3	0	3	1
Case 100	17	74,338,471	81,060,040	4	0	4	1
Case 100	18	87,505	15,375,878	3	2	5	0
Case 100	18	18,520,354	18,609,580	3	2	5	0
Case 100	18	18,618,070	20,833,757	6	1	7	0
Case 100	18	20,833,766	22,783,059	4	2	6	0
Case 100	18	22,799,933	23,459,792	4	1	5	0
Case 100	18	23,463,097	34,964,005	1	1	2	0
Case 100	18	34,967,177	48,333,222	2	1	3	0
Case 100	18	48,334,741	71,205,938	1	1	2	0
Case 100	18	71,210,496	73,925,653	2	1	3	0
Case 100	18	73,930,268	76,080,011	1	1	2	0
Case 100	18	76,080,113	76,150,938	1	0	1	0
Case 100	18	76,153,361	78,015,180	2	1	3	0

Case 100	19	260,912	7,831,628	3	0	3	1
Case 100	19	7,831,953	7,846,887	5	0	5	1
Case 100	19	7,849,978	20,101,636	3	0	3	1
Case 100	19	20,108,062	21,771,069	2	0	2	1
Case 100	19	21,775,371	24,545,366	3	0	3	1
Case 100	19	24,629,285	24,629,285	2	1	3	0
Case 100	19	27,732,159	28,252,131	2	1	3	0
Case 100	19	28,258,027	52,599,288	3	1	4	0
Case 100	19	52,601,399	54,288,501	2	1	3	0
Case 100	19	54,291,411	59,097,160	3	1	4	0
Case 100	20	63,244	26,293,985	3	2	5	0
Case 100	20	29,425,357	62,948,788	3	2	5	0
Case 100	21	10,827,533	10,971,337	2	0	2	1
Case 100	21	14,368,320	30,734,388	2	0	2	1
Case 100	21	30,742,996	31,909,272	3	0	3	1
Case 100	21	31,909,451	48,100,155	2	0	2	1
Case 100	22	16,114,244	51,195,728	3	0	3	1
Case 100	X	2,700,157	58,488,110	3	0	3	1
Case 100	X	61,694,576	114,812,361	3	0	3	1
Case 100	X	114,821,491	115,024,720	2	0	2	1
Case 100	X	115,028,558	154,898,561	3	0	3	1
Case 101	1	82,154	1,005,806	1	1	2	0
Case 101	1	1,017,197	1,089,699	1	0	1	0
Case 101	1	1,097,335	121,346,616	1	1	2	0
Case 101	1	142,649,718	175,518,442	1	1	2	0
Case 101	1	175,521,376	175,552,252	2	2	4	0
Case 101	1	175,552,365	249,218,992	1	1	2	0
Case 101	2	18,674	92,081,640	1	1	2	0
Case 101	2	95,429,424	206,690,019	1	1	2	0
Case 101	2	206,699,721	206,874,339	2	1	3	0
Case 101	2	206,874,491	234,847,750	1	1	2	0
Case 101	2	234,847,790	236,228,143	1	0	1	0
Case 101	2	236,228,570	243,048,760	1	1	2	0
Case 101	3	61,495	60,441,079	1	1	2	0
Case 101	3	60,445,253	60,743,058	1	0	1	0
Case 101	3	60,744,333	90,442,925	1	1	2	0
Case 101	3	93,537,290	168,496,750	1	1	2	0
Case 101	3	168,520,843	168,889,604	16	0	16	1
Case 101	3	168,903,973	169,918,311	1	1	2	0
Case 101	3	169,925,664	170,176,673	17	0	17	1
Case 101	3	170,178,057	170,417,673	12	0	12	1
Case 101	3	170,438,978	197,838,262	1	1	2	0
Case 101	4	71,566	49,620,898	1	1	2	0
Case 101	4	52,697,856	190,963,766	1	1	2	0
Case 101	5	38,139	4,175,312	1	1	2	0
Case 101	5	4,176,833	4,831,601	1	0	1	0
Case 101	5	4,831,687	46,117,770	1	1	2	0
Case 101	5	46,127,095	46,399,093	1	0	1	0
Case 101	5	49,457,282	49,522,346	1	0	1	0
Case 101	5	49,564,798	114,719,148	1	1	2	0
Case 101	5	114,721,062	115,068,867	2	1	3	0
Case 101	5	115,070,403	180,693,127	1	1	2	0
Case 101	6	108,666	58,752,089	1	1	2	0
Case 101	6	61,891,118	137,112,958	1	1	2	0
Case 101	6	137,113,248	166,904,398	1	0	1	0
Case 101	6	166,904,927	167,814,089	2	0	2	1
Case 101	6	167,814,784	170,980,171	1	0	1	0
Case 101	7	44,935	163,185	3	0	3	1
Case 101	7	171,613	58,019,061	2	0	2	1
Case 101	7	61,056,053	153,992,610	2	0	2	1
Case 101	7	154,001,207	154,468,976	1	0	1	0

Case 101	7	154,470,392	159,119,486	2	0	2	1
Case 101	8	164,984	43,791,691	2	1	3	0
Case 101	8	46,886,735	47,147,363	2	1	3	0
Case 101	8	47,162,442	59,301,494	3	1	4	0
Case 101	8	59,303,159	146,218,441	4	1	5	0
Case 101	8	146,225,112	146,264,714	6	2	8	0
Case 101	8	146,268,421	146,293,414	3	1	4	0
Case 101	9	46,587	9,262,323	1	1	2	0
Case 101	9	9,263,980	9,530,755	1	0	1	0
Case 101	9	9,533,062	46,944,322	1	1	2	0
Case 101	9	65,629,772	141,066,491	1	1	2	0
Case 101	10	98,087	39,097,912	1	1	2	0
Case 101	10	42,436,301	135,477,883	1	1	2	0
Case 101	11	193,146	51,591,253	1	1	2	0
Case 101	11	54,794,237	134,934,063	1	1	2	0
Case 101	12	191,619	34,853,011	1	1	2	0
Case 101	12	37,876,400	133,810,935	1	1	2	0
Case 101	13	19,058,717	115,103,529	2	1	3	0
Case 101	14	19,280,733	20,425,051	2	1	3	0
Case 101	14	20,426,742	22,289,359	1	1	2	0
Case 101	14	22,290,777	22,977,222	2	1	3	0
Case 101	14	22,978,335	47,165,897	1	1	2	0
Case 101	14	47,169,434	49,384,358	1	0	1	0
Case 101	14	49,391,003	49,426,842	2	1	3	0
Case 101	14	49,434,788	82,489,254	1	0	1	0
Case 101	14	82,505,045	107,287,663	1	1	2	0
Case 101	15	20,034,919	102,461,162	1	1	2	0
Case 101	16	88,165	35,285,582	1	1	2	0
Case 101	16	46,450,037	90,274,695	1	1	2	0
Case 101	17	11,885	22,242,355	1	0	1	0
Case 101	17	25,268,142	25,583,451	1	0	1	0
Case 101	17	25,583,652	30,497,949	3	1	4	0
Case 101	17	30,511,274	30,752,964	12	3	15	0
Case 101	17	30,782,356	30,841,962	4	0	4	1
Case 101	17	30,858,969	32,639,369	1	0	1	0
Case 101	17	32,641,225	32,717,213	6	2	8	0
Case 101	17	32,720,064	35,825,642	1	0	1	0
Case 101	17	35,830,554	37,049,116	1	1	2	0
Case 101	17	37,052,131	37,815,305	2	1	3	0
Case 101	17	37,816,461	37,894,463	10	3	13	0
Case 101	17	37,898,705	38,027,783	4	1	5	0
Case 101	17	38,027,824	38,061,072	5	1	6	0
Case 101	17	38,061,144	38,257,090	4	1	5	0
Case 101	17	38,264,197	39,296,135	1	1	2	0
Case 101	17	39,304,357	57,786,853	1	0	1	0
Case 101	17	57,800,358	59,893,990	3	1	4	0
Case 101	17	59,897,455	60,192,598	1	1	2	0
Case 101	17	60,193,561	65,182,445	1	0	1	0
Case 101	17	65,185,800	66,678,300	3	1	4	0
Case 101	17	66,683,179	70,438,529	1	0	1	0
Case 101	17	70,441,333	70,584,265	3	0	3	1
Case 101	17	70,587,775	79,459,399	1	0	1	0
Case 101	17	79,468,574	81,060,040	2	0	2	1
Case 101	18	87,505	15,375,878	1	1	2	0
Case 101	18	18,520,354	58,464,082	1	1	2	0
Case 101	18	58,491,809	58,506,709	2	2	4	0
Case 101	18	58,507,020	78,015,180	1	1	2	0
Case 101	19	260,912	2,753,270	1	1	2	0
Case 101	19	2,753,983	2,771,641	1	0	1	0
Case 101	19	2,775,144	24,629,285	1	1	2	0
Case 101	19	27,732,159	59,097,160	1	1	2	0

Case 101	20	63,244	26,293,985	2	1	3	0
Case 101	20	29,425,357	62,948,788	2	1	3	0
Case 101	21	10,827,533	10,971,337	1	1	2	0
Case 101	21	14,368,320	48,100,155	1	1	2	0
Case 101	22	16,114,244	51,195,728	1	1	2	0
Case 101	X	2,700,157	7,369,040	2	1	3	0
Case 101	X	7,380,425	7,566,613	1	1	2	0
Case 101	X	7,575,984	58,488,110	2	1	3	0
Case 101	X	61,694,576	154,898,561	2	1	3	0
Case 103	1	82,154	3,680,729	2	0	2	1
Case 103	1	3,681,831	121,346,616	3	0	3	1
Case 103	1	142,649,718	228,269,089	4	0	4	1
Case 103	1	228,275,661	228,576,253	3	0	3	1
Case 103	1	228,579,788	249,218,992	4	0	4	1
Case 103	2	18,674	92,081,640	2	1	3	0
Case 103	2	95,429,424	205,631,567	2	1	3	0
Case 103	2	205,636,870	206,139,804	2	0	2	1
Case 103	2	206,139,895	243,048,760	2	1	3	0
Case 103	3	61,495	35,190,794	2	1	3	0
Case 103	3	35,231,021	35,290,327	1	0	1	0
Case 103	3	35,291,791	60,305,117	2	1	3	0
Case 103	3	60,306,891	60,407,864	1	0	1	0
Case 103	3	60,408,404	60,439,043	0	0	0	0
Case 103	3	60,441,079	90,442,925	2	1	3	0
Case 103	3	93,537,290	197,838,262	2	1	3	0
Case 103	4	71,566	49,620,898	1	1	2	0
Case 103	4	52,697,856	92,452,205	1	1	2	0
Case 103	4	92,454,931	92,803,775	2	1	3	0
Case 103	4	92,816,815	177,974,062	1	1	2	0
Case 103	4	177,974,857	178,791,367	1	0	1	0
Case 103	4	178,793,689	190,963,766	1	1	2	0
Case 103	5	38,139	1,529,358	2	1	3	0
Case 103	5	1,529,401	46,399,093	3	1	4	0
Case 103	5	49,457,282	180,693,127	1	1	2	0
Case 103	6	108,666	58,752,089	2	1	3	0
Case 103	6	61,891,118	162,914,986	2	1	3	0
Case 103	6	162,917,942	163,007,394	1	0	1	0
Case 103	6	163,023,054	170,980,171	2	1	3	0
Case 103	7	44,935	7,054,045	3	1	4	0
Case 103	7	7,054,164	17,425,895	4	1	5	0
Case 103	7	17,432,838	17,467,225	9	1	10	0
Case 103	7	17,472,677	58,019,061	4	1	5	0
Case 103	7	61,056,053	99,654,708	4	1	5	0
Case 103	7	99,655,373	102,470,275	3	1	4	0
Case 103	7	102,471,345	147,798,729	4	1	5	0
Case 103	7	147,803,861	159,119,486	3	1	4	0
Case 103	8	164,984	2,121,498	2	2	4	0
Case 103	8	2,121,789	11,696,352	3	2	5	0
Case 103	8	11,696,492	43,791,691	2	2	4	0
Case 103	8	46,886,735	46,953,540	2	2	4	0
Case 103	8	46,965,788	48,235,279	2	1	3	0
Case 103	8	48,236,907	141,858,620	2	2	4	0
Case 103	8	141,889,589	146,293,414	2	1	3	0
Case 103	9	46,587	8,977,444	2	1	3	0
Case 103	9	8,980,881	9,328,048	1	1	2	0
Case 103	9	9,337,454	9,404,813	1	0	1	0
Case 103	9	9,404,896	46,944,322	2	1	3	0
Case 103	9	65,629,772	141,066,491	2	1	3	0
Case 103	10	98,087	39,097,912	1	1	2	0
Case 103	10	42,436,301	42,682,133	1	1	2	0
Case 103	10	42,725,663	43,039,187	3	1	4	0

Case 103	10	43,039,766	135,252,347	1	1	2	0
Case 103	10	135,256,762	135,477,883	3	1	4	0
Case 103	11	193,146	51,591,253	2	0	2	1
Case 103	11	54,794,237	64,198,311	2	0	2	1
Case 103	11	64,202,474	64,323,613	3	0	3	1
Case 103	11	64,323,656	66,359,489	2	0	2	1
Case 103	11	66,359,781	70,253,475	5	1	6	0
Case 103	11	70,257,669	134,934,063	2	0	2	1
Case 103	12	191,619	34,853,011	2	1	3	0
Case 103	12	37,876,400	133,810,935	2	1	3	0
Case 103	13	19,058,717	115,103,529	2	1	3	0
Case 103	14	19,280,733	21,345,707	2	2	4	0
Case 103	14	21,348,256	21,413,602	3	2	5	0
Case 103	14	21,421,088	21,607,930	2	1	3	0
Case 103	14	21,618,292	22,530,493	2	2	4	0
Case 103	14	22,533,857	22,964,782	3	2	5	0
Case 103	14	22,966,662	107,287,663	2	2	4	0
Case 103	15	20,034,919	102,461,162	2	1	3	0
Case 103	16	88,165	3,789,537	1	1	2	0
Case 103	16	3,790,186	35,285,582	2	1	3	0
Case 103	16	46,450,037	90,274,695	2	1	3	0
Case 103	17	11,885	22,242,355	3	0	3	1
Case 103	17	25,268,142	25,295,032	3	0	3	1
Case 103	17	25,329,949	72,739,283	2	1	3	0
Case 103	17	72,739,304	77,753,296	2	0	2	1
Case 103	17	77,753,442	81,060,040	2	1	3	0
Case 103	18	87,505	15,375,878	2	1	3	0
Case 103	18	18,520,354	65,213,012	2	1	3	0
Case 103	18	65,214,082	65,257,867	1	0	1	0
Case 103	18	65,258,604	78,015,180	2	1	3	0
Case 103	19	260,912	24,629,285	2	1	3	0
Case 103	19	27,732,159	35,454,215	2	1	3	0
Case 103	19	35,465,187	35,482,114	4	3	7	0
Case 103	19	35,482,604	59,097,160	2	1	3	0
Case 103	20	63,244	6,093,090	3	2	5	0
Case 103	20	6,093,177	23,181,354	4	2	6	0
Case 103	20	23,184,487	26,293,985	3	1	4	0
Case 103	20	29,425,357	37,320,416	3	1	4	0
Case 103	20	37,322,023	47,092,846	3	2	5	0
Case 103	20	47,093,312	47,109,600	2	1	3	0
Case 103	20	47,110,130	60,427,918	3	2	5	0
Case 103	20	60,435,482	62,948,788	3	1	4	0
Case 103	21	10,827,533	10,971,337	2	1	3	0
Case 103	21	14,368,320	48,100,155	2	1	3	0
Case 103	22	16,114,244	51,195,728	2	1	3	0
Case 103	X	2,700,157	2,799,191	0	0	0	0
Case 103	X	2,799,240	7,280,998	2	0	2	1
Case 103	X	7,311,886	7,517,325	0	0	0	0
Case 103	X	7,537,276	58,488,110	2	0	2	1
Case 103	X	61,694,576	154,898,561	2	0	2	1
Case 104	1	82,154	1,017,587	1	1	2	0
Case 104	1	1,018,704	30,496,615	2	1	3	0
Case 104	1	30,496,978	30,830,505	2	0	2	1
Case 104	1	30,843,915	32,631,319	1	1	2	0
Case 104	1	32,635,410	32,879,586	1	0	1	0
Case 104	1	32,889,223	33,694,810	2	1	3	0
Case 104	1	33,710,429	34,082,279	3	1	4	0
Case 104	1	34,089,394	121,346,616	2	1	3	0
Case 104	1	142,649,718	151,325,055	3	0	3	1
Case 104	1	151,327,376	151,414,577	5	0	5	1
Case 104	1	151,414,611	199,442,312	3	0	3	1

Case 104	1	199,445,517	249,218,992	4	0	4	1
Case 104	2	18,674	76,236,858	2	1	3	0
Case 104	2	76,240,260	76,464,500	1	0	1	0
Case 104	2	76,468,390	92,081,640	2	1	3	0
Case 104	2	95,429,424	96,385,848	2	1	3	0
Case 104	2	96,391,109	99,546,423	3	0	3	1
Case 104	2	99,548,333	99,881,228	2	1	3	0
Case 104	2	99,898,998	100,511,660	2	0	2	1
Case 104	2	100,516,134	101,595,475	2	1	3	0
Case 104	2	101,596,624	101,706,787	2	0	2	1
Case 104	2	101,710,796	105,314,970	2	1	3	0
Case 104	2	105,335,047	106,579,871	2	0	2	1
Case 104	2	106,582,663	106,954,287	2	1	3	0
Case 104	2	106,965,073	108,717,242	3	0	3	1
Case 104	2	108,722,210	115,386,455	2	1	3	0
Case 104	2	115,388,286	115,946,323	2	0	2	1
Case 104	2	115,948,786	118,274,002	2	1	3	0
Case 104	2	118,281,844	118,827,810	3	0	3	1
Case 104	2	118,827,859	119,429,297	2	1	3	0
Case 104	2	119,435,628	121,303,240	2	0	2	1
Case 104	2	121,303,783	123,548,703	2	1	3	0
Case 104	2	123,556,119	129,163,372	2	0	2	1
Case 104	2	129,171,305	129,358,528	2	1	3	0
Case 104	2	129,360,694	134,935,979	2	0	2	1
Case 104	2	134,939,315	135,711,516	2	1	3	0
Case 104	2	135,711,657	136,937,513	2	0	2	1
Case 104	2	136,944,990	137,059,906	2	1	3	0
Case 104	2	137,061,077	141,707,868	3	0	3	1
Case 104	2	141,709,406	142,119,402	2	1	3	0
Case 104	2	142,124,008	143,290,897	2	0	2	1
Case 104	2	143,291,667	143,799,647	2	1	3	0
Case 104	2	143,799,730	149,270,710	2	0	2	1
Case 104	2	149,271,144	150,146,800	2	1	3	0
Case 104	2	150,147,278	157,552,860	2	0	2	1
Case 104	2	157,558,583	159,196,789	2	1	3	0
Case 104	2	159,196,848	159,444,459	2	0	2	1
Case 104	2	159,446,818	166,940,925	2	1	3	0
Case 104	2	166,941,405	168,426,623	3	0	3	1
Case 104	2	168,434,795	175,776,383	2	1	3	0
Case 104	2	175,779,805	177,115,852	3	0	3	1
Case 104	2	177,124,224	181,772,262	2	1	3	0
Case 104	2	181,784,642	183,608,627	2	0	2	1
Case 104	2	183,614,670	185,865,740	2	1	3	0
Case 104	2	185,905,031	187,805,130	2	0	2	1
Case 104	2	187,808,330	194,250,514	2	1	3	0
Case 104	2	194,275,048	196,699,007	2	0	2	1
Case 104	2	196,702,403	198,809,975	2	1	3	0
Case 104	2	198,819,824	217,208,571	3	0	3	1
Case 104	2	217,209,138	243,048,760	2	0	2	1
Case 104	3	61,495	23,002,974	2	2	4	0
Case 104	3	23,003,050	23,218,126	2	1	3	0
Case 104	3	23,221,931	60,983,267	2	0	2	1
Case 104	3	60,992,932	61,215,497	1	0	1	0
Case 104	3	61,216,475	90,442,925	3	0	3	1
Case 104	3	93,537,290	94,141,590	3	0	3	1
Case 104	3	94,146,460	94,335,368	4	2	6	0
Case 104	3	94,339,867	165,210,453	3	0	3	1
Case 104	3	165,211,894	168,615,125	11	2	13	0
Case 104	3	168,621,773	169,316,020	9	2	11	0
Case 104	3	169,320,058	171,103,807	10	1	11	0
Case 104	3	171,109,146	197,838,262	3	0	3	1

Case 104	4	71,566	3,715,551	1	1	2	0
Case 104	4	3,718,394	3,753,417	1	0	1	0
Case 104	4	3,754,818	26,986,737	2	1	3	0
Case 104	4	26,987,761	49,620,898	1	1	2	0
Case 104	4	52,697,856	91,433,794	1	1	2	0
Case 104	4	91,460,581	91,606,389	2	1	3	0
Case 104	4	91,607,363	106,052,258	1	1	2	0
Case 104	4	106,061,534	106,681,251	1	0	1	0
Case 104	4	106,687,733	132,902,055	2	1	3	0
Case 104	4	132,914,907	133,093,090	2	0	2	1
Case 104	4	133,101,094	160,751,151	2	1	3	0
Case 104	4	160,753,524	190,963,766	1	0	1	0
Case 104	5	38,139	4,532,227	2	0	2	1
Case 104	5	4,534,191	28,147,535	1	0	1	0
Case 104	5	28,171,050	46,399,093	1	1	2	0
Case 104	5	49,457,282	49,470,083	1	1	2	0
Case 104	5	49,492,838	50,313,870	2	1	3	0
Case 104	5	50,318,550	51,762,532	2	0	2	1
Case 104	5	51,774,963	62,853,232	2	1	3	0
Case 104	5	62,855,619	95,516,072	2	0	2	1
Case 104	5	95,524,899	95,684,541	2	1	3	0
Case 104	5	95,685,235	128,556,817	2	0	2	1
Case 104	5	128,565,893	180,693,127	2	1	3	0
Case 104	6	108,666	13,980,833	2	0	2	1
Case 104	6	13,995,112	16,387,421	1	0	1	0
Case 104	6	16,387,803	29,339,271	2	0	2	1
Case 104	6	29,341,007	30,469,190	4	1	5	0
Case 104	6	30,470,301	31,583,312	5	1	6	0
Case 104	6	31,583,313	32,292,715	4	1	5	0
Case 104	6	32,293,152	58,752,089	2	1	3	0
Case 104	6	61,891,118	115,068,368	2	1	3	0
Case 104	6	115,080,182	144,968,195	2	2	4	0
Case 104	6	144,980,551	162,571,263	2	1	3	0
Case 104	6	162,577,258	162,820,114	2	0	2	1
Case 104	6	162,828,829	164,988,133	2	1	3	0
Case 104	6	164,988,737	165,275,034	3	1	4	0
Case 104	6	165,276,034	170,980,171	2	1	3	0
Case 104	7	44,935	3,125,512	2	1	3	0
Case 104	7	3,126,241	3,344,986	2	2	4	0
Case 104	7	3,349,625	58,019,061	2	1	3	0
Case 104	7	61,056,053	62,577,770	2	1	3	0
Case 104	7	62,627,173	70,426,380	2	2	4	0
Case 104	7	70,434,205	149,458,128	3	0	3	1
Case 104	7	149,460,447	159,119,486	2	0	2	1
Case 104	8	164,984	4,988,269	2	2	4	0
Case 104	8	4,989,141	15,791,633	3	2	5	0
Case 104	8	15,792,451	16,985,962	4	2	6	0
Case 104	8	16,987,102	20,547,149	3	2	5	0
Case 104	8	20,548,817	40,462,615	2	2	4	0
Case 104	8	40,465,121	41,488,652	2	1	3	0
Case 104	8	41,496,007	42,099,392	4	1	5	0
Case 104	8	42,100,552	43,791,691	3	2	5	0
Case 104	8	46,886,735	51,769,869	3	2	5	0
Case 104	8	51,772,697	97,125,941	3	3	6	0
Case 104	8	97,126,738	108,122,180	3	2	5	0
Case 104	8	108,124,063	140,720,163	3	3	6	0
Case 104	8	140,720,412	146,293,414	2	2	4	0
Case 104	9	46,587	26,059,028	3	0	3	1
Case 104	9	26,059,720	26,699,111	2	0	2	1
Case 104	9	26,705,815	46,944,322	3	0	3	1
Case 104	9	65,629,772	141,066,491	2	0	2	1



Case 104	10	98,087	3,733,386	2	0	2	1
Case 104	10	3,733,731	4,564,553	3	2	5	0
Case 104	10	4,576,042	4,672,693	4	2	6	0
Case 104	10	4,674,335	38,672,399	2	2	4	0
Case 104	10	38,674,609	39,097,912	2	0	2	1
Case 104	10	42,436,301	70,641,860	2	0	2	1
Case 104	10	70,644,115	135,477,883	3	0	3	1
Case 104	11	193,146	1,909,006	2	0	2	1
Case 104	11	1,911,439	5,876,325	3	0	3	1
Case 104	11	5,877,909	5,959,757	5	0	5	1
Case 104	11	5,960,036	21,052,712	3	0	3	1
Case 104	11	21,053,214	26,413,098	2	0	2	1
Case 104	11	26,427,359	36,994,253	3	0	3	1
Case 104	11	36,995,113	38,922,899	1	0	1	0
Case 104	11	38,932,160	40,357,253	1	1	2	0
Case 104	11	40,357,510	51,591,253	2	1	3	0
Case 104	11	54,794,237	62,789,763	2	1	3	0
Case 104	11	62,794,074	62,931,254	3	2	5	0
Case 104	11	62,931,484	67,842,185	2	1	3	0
Case 104	11	67,846,196	67,897,483	4	2	6	0
Case 104	11	67,908,805	78,360,321	2	1	3	0
Case 104	11	78,360,830	78,704,703	2	0	2	1
Case 104	11	78,706,607	85,200,968	2	1	3	0
Case 104	11	85,206,156	85,495,269	3	1	4	0
Case 104	11	85,504,913	87,601,746	2	1	3	0
Case 104	11	87,605,130	91,443,021	3	1	4	0
Case 104	11	91,443,158	98,427,125	2	1	3	0
Case 104	11	98,429,292	101,086,219	2	0	2	1
Case 104	11	101,098,195	111,720,072	2	1	3	0
Case 104	11	111,724,133	113,892,617	1	1	2	0
Case 104	11	113,902,210	127,313,452	2	1	3	0
Case 104	11	127,315,468	134,934,063	1	0	1	0
Case 104	12	191,619	29,180,359	1	1	2	0
Case 104	12	29,181,450	29,338,429	5	1	6	0
Case 104	12	29,339,378	34,853,011	2	1	3	0
Case 104	12	37,876,400	115,134,529	2	1	3	0
Case 104	12	115,135,430	133,810,935	3	1	4	0
Case 104	13	19,058,717	115,103,529	3	0	3	1
Case 104	14	19,280,733	22,461,595	2	1	3	0
Case 104	14	22,465,075	23,006,908	3	2	5	0
Case 104	14	23,009,999	34,404,727	2	1	3	0
Case 104	14	34,407,324	40,279,139	3	1	4	0
Case 104	14	40,282,613	75,078,428	1	1	2	0
Case 104	14	75,078,538	107,287,663	2	1	3	0
Case 104	15	20,034,919	102,461,162	2	1	3	0
Case 104	16	88,165	5,194,458	2	0	2	1
Case 104	16	5,196,741	35,285,582	2	1	3	0
Case 104	16	46,450,037	74,339,302	3	0	3	1
Case 104	16	74,339,320	77,959,075	2	0	2	1
Case 104	16	77,959,692	78,045,800	2	1	3	0
Case 104	16	78,047,986	78,386,295	1	0	1	0
Case 104	16	78,387,304	90,274,695	2	0	2	1
Case 104	17	11,885	22,242,355	3	0	3	1
Case 104	17	25,268,142	25,268,142	3	0	3	1
Case 104	17	25,295,032	38,775,150	2	1	3	0
Case 104	17	38,776,406	40,861,424	2	0	2	1
Case 104	17	40,862,647	73,494,391	3	0	3	1
Case 104	17	73,494,400	74,014,468	2	0	2	1
Case 104	17	74,014,634	81,060,040	3	0	3	1
Case 104	18	87,505	11,371,130	2	0	2	1
Case 104	18	11,377,526	15,375,878	3	0	3	1

Case 104	18	18,520,354	21,747,400	3	0	3	1
Case 104	18	21,749,615	24,593,543	2	0	2	1
Case 104	18	24,594,258	33,130,928	1	0	1	0
Case 104	18	33,133,859	61,246,964	2	0	2	1
Case 104	18	61,246,975	71,268,755	1	0	1	0
Case 104	18	71,270,811	78,015,180	2	0	2	1
Case 104	19	260,912	2,833,682	2	0	2	1
Case 104	19	2,833,745	3,769,049	2	1	3	0
Case 104	19	3,771,586	10,429,859	2	0	2	1
Case 104	19	10,431,344	11,448,042	2	1	3	0
Case 104	19	11,453,547	15,143,453	2	0	2	1
Case 104	19	15,151,718	16,890,243	2	1	3	0
Case 104	19	16,890,268	24,629,285	2	0	2	1
Case 104	19	27,732,159	59,097,160	2	0	2	1
Case 104	20	63,244	26,293,985	3	0	3	1
Case 104	20	29,425,357	29,834,107	3	1	4	0
Case 104	20	29,843,182	58,552,125	4	1	5	0
Case 104	20	58,552,164	62,948,788	3	1	4	0
Case 104	21	10,827,533	10,971,337	2	1	3	0
Case 104	21	14,368,320	48,100,155	2	1	3	0
Case 104	22	16,114,244	51,195,728	2	0	2	1
Case 104	X	2,700,157	44,327,594	2	0	2	1
Case 104	X	44,328,334	44,362,363	1	0	1	0
Case 104	X	44,376,692	57,515,439	2	0	2	1
Case 104	X	57,536,670	57,913,685	1	0	1	0
Case 104	X	57,928,734	58,488,110	2	0	2	1
Case 104	X	61,694,576	75,387,426	2	0	2	1
Case 104	X	75,393,454	82,041,981	3	2	5	0
Case 104	X	82,051,198	85,886,031	5	2	7	0
Case 104	X	85,886,924	89,404,699	6	2	8	0
Case 104	X	89,413,918	118,151,505	2	0	2	1
Case 104	X	118,158,367	119,750,935	5	1	6	0
Case 104	X	119,758,810	120,862,978	13	1	14	0
Case 104	X	120,868,711	121,532,885	22	0	22	1
Case 104	X	121,545,403	154,898,561	2	0	2	1
Case 105	1	82,154	1,064,979	7	0	7	1
Case 105	1	1,066,403	3,616,601	6	0	6	1
Case 105	1	3,628,677	5,723,643	6	1	7	0
Case 105	1	5,724,940	6,635,420	5	1	6	0
Case 105	1	6,635,448	7,655,998	4	1	5	0
Case 105	1	7,667,122	87,774,994	2	1	3	0
Case 105	1	87,781,157	91,406,859	6	1	7	0
Case 105	1	91,418,026	121,346,616	3	1	4	0
Case 105	1	142,649,718	162,371,870	4	2	6	0
Case 105	1	162,374,809	200,776,641	5	2	7	0
Case 105	1	200,780,153	214,842,590	4	2	6	0
Case 105	1	214,847,804	214,868,909	7	3	10	0
Case 105	1	214,883,583	223,141,491	5	2	7	0
Case 105	1	223,147,097	237,307,601	4	2	6	0
Case 105	1	237,310,235	247,580,568	5	2	7	0
Case 105	1	247,581,209	249,218,992	5	1	6	0
Case 105	2	18,674	9,908,651	3	2	5	0
Case 105	2	9,908,901	31,014,166	2	2	4	0
Case 105	2	31,016,084	31,037,485	3	3	6	0
Case 105	2	31,048,617	92,081,640	2	2	4	0
Case 105	2	95,429,424	134,606,584	2	2	4	0
Case 105	2	134,607,680	134,638,499	3	2	5	0
Case 105	2	134,639,305	147,559,341	2	2	4	0
Case 105	2	147,586,507	180,324,063	2	1	3	0
Case 105	2	180,329,583	180,681,868	4	1	5	0
Case 105	2	180,684,202	182,580,567	2	1	3	0

Case 105	2	182,581,492	242,942,878	3	1	4	0
Case 105	2	242,945,309	243,048,760	4	1	5	0
Case 105	3	61,495	68,457,521	2	1	3	0
Case 105	3	68,457,880	68,472,602	4	2	6	0
Case 105	3	68,474,875	90,442,925	2	1	3	0
Case 105	3	93,537,290	130,340,704	2	1	3	0
Case 105	3	130,345,381	130,409,494	2	0	2	1
Case 105	3	130,422,592	197,838,262	2	1	3	0
Case 105	4	71,566	2,273,411	1	1	2	0
Case 105	4	2,275,145	26,121,018	2	1	3	0
Case 105	4	26,132,361	31,005,966	5	1	6	0
Case 105	4	31,012,310	31,271,863	7	1	8	0
Case 105	4	31,277,116	32,227,281	10	1	11	0
Case 105	4	32,240,417	36,915,898	8	1	9	0
Case 105	4	36,916,955	39,611,046	3	1	4	0
Case 105	4	39,614,823	49,620,898	2	1	3	0
Case 105	4	52,697,856	91,900,701	2	1	3	0
Case 105	4	91,902,620	92,063,883	2	0	2	1
Case 105	4	92,066,776	189,070,726	2	1	3	0
Case 105	4	189,081,654	190,963,766	2	0	2	1
Case 105	5	38,139	2,582,828	2	1	3	0
Case 105	5	2,586,224	2,625,833	2	0	2	1
Case 105	5	2,627,075	22,219,836	2	1	3	0
Case 105	5	22,222,461	26,299,629	3	1	4	0
Case 105	5	26,322,668	29,193,998	2	1	3	0
Case 105	5	29,211,937	46,399,093	3	1	4	0
Case 105	5	49,457,282	49,457,282	3	1	4	0
Case 105	5	49,470,083	97,916,570	2	1	3	0
Case 105	5	97,918,829	105,866,862	1	1	2	0
Case 105	5	105,876,806	174,498,941	2	1	3	0
Case 105	5	174,507,231	180,693,127	1	1	2	0
Case 105	6	108,666	30,993,866	3	2	5	0
Case 105	6	30,993,880	30,998,742	1	1	2	0
Case 105	6	30,998,879	32,439,508	3	2	5	0
Case 105	6	32,439,828	32,671,521	3	1	4	0
Case 105	6	32,672,082	40,634,681	3	2	5	0
Case 105	6	40,637,653	41,433,215	13	0	13	1
Case 105	6	41,434,817	42,975,462	11	0	11	1
Case 105	6	42,976,232	43,875,449	9	0	9	1
Case 105	6	43,882,612	44,943,982	11	0	11	1
Case 105	6	44,944,642	48,454,655	4	2	6	0
Case 105	6	48,480,264	49,191,974	5	2	7	0
Case 105	6	49,198,849	56,067,109	4	2	6	0
Case 105	6	56,068,448	58,752,089	3	2	5	0
Case 105	6	61,891,118	62,922,848	3	2	5	0
Case 105	6	62,972,521	170,980,171	2	2	4	0
Case 105	7	44,935	7,267,787	4	1	5	0
Case 105	7	7,268,431	20,680,353	5	1	6	0
Case 105	7	20,680,449	41,519,812	4	1	5	0
Case 105	7	41,524,795	58,019,061	4	0	4	1
Case 105	7	61,056,053	62,729,224	4	0	4	1
Case 105	7	62,777,355	65,202,326	2	0	2	1
Case 105	7	65,203,587	139,421,180	3	0	3	1
Case 105	7	139,434,215	139,754,482	2	0	2	1
Case 105	7	139,757,136	149,446,246	3	0	3	1
Case 105	7	149,450,379	149,530,894	2	0	2	1
Case 105	7	149,536,214	159,119,486	3	0	3	1
Case 105	8	164,984	9,526,345	2	0	2	1
Case 105	8	9,527,707	15,395,144	3	0	3	1
Case 105	8	15,400,574	15,420,894	0	0	0	0
Case 105	8	15,422,664	18,479,776	3	0	3	1

Case 105	8	18,482,596	18,621,332	2	0	2	1
Case 105	8	18,622,985	38,135,412	3	0	3	1
Case 105	8	38,139,034	40,033,476	5	2	7	0
Case 105	8	40,039,431	43,162,118	3	2	5	0
Case 105	8	43,171,055	43,791,691	5	2	7	0
Case 105	8	46,886,735	46,886,735	5	2	7	0
Case 105	8	46,942,842	60,383,409	3	2	5	0
Case 105	8	60,388,601	70,186,364	2	1	3	0
Case 105	8	70,188,775	89,529,961	3	1	4	0
Case 105	8	89,530,078	99,057,903	3	2	5	0
Case 105	8	99,088,251	105,884,484	3	3	6	0
Case 105	8	105,884,605	118,827,839	4	3	7	0
Case 105	8	118,828,761	129,716,308	3	3	6	0
Case 105	8	129,725,425	132,054,152	4	3	7	0
Case 105	8	132,058,522	133,033,089	4	4	8	0
Case 105	8	133,034,922	135,766,277	4	3	7	0
Case 105	8	135,768,759	135,809,634	5	5	10	0
Case 105	8	135,812,548	146,174,266	4	3	7	0
Case 105	8	146,192,754	146,293,414	4	4	8	0
Case 105	9	46,587	19,942,824	2	1	3	0
Case 105	9	19,946,627	32,381,910	3	1	4	0
Case 105	9	32,382,071	46,944,322	2	1	3	0
Case 105	9	65,629,772	78,751,683	2	1	3	0
Case 105	9	78,752,764	78,792,438	3	2	5	0
Case 105	9	78,793,274	89,845,133	2	1	3	0
Case 105	9	89,849,237	89,922,395	3	2	5	0
Case 105	9	89,922,889	141,066,491	2	1	3	0
Case 105	10	98,087	12,662,552	4	0	4	1
Case 105	10	12,669,049	13,330,449	5	0	5	1
Case 105	10	13,330,457	37,812,532	4	0	4	1
Case 105	10	37,815,014	39,097,912	3	0	3	1
Case 105	10	42,436,301	54,744,574	3	0	3	1
Case 105	10	54,745,248	59,420,427	2	0	2	1
Case 105	10	59,420,647	117,713,221	3	0	3	1
Case 105	10	117,720,208	133,954,011	4	0	4	1
Case 105	10	133,954,831	135,477,883	3	0	3	1
Case 105	11	193,146	3,208,101	1	1	2	0
Case 105	11	3,208,798	51,385,894	2	1	3	0
Case 105	11	51,391,183	51,591,253	3	1	4	0
Case 105	11	54,794,237	66,249,741	3	1	4	0
Case 105	11	66,249,898	74,033,066	4	1	5	0
Case 105	11	74,035,535	74,201,436	5	1	6	0
Case 105	11	74,202,033	82,514,969	4	1	5	0
Case 105	11	82,520,338	84,049,216	6	1	7	0
Case 105	11	84,053,382	86,002,055	5	1	6	0
Case 105	11	86,006,280	87,345,252	6	1	7	0
Case 105	11	87,345,390	87,447,212	4	1	5	0
Case 105	11	87,447,966	88,931,636	7	1	8	0
Case 105	11	88,933,250	89,182,275	9	0	9	1
Case 105	11	89,182,609	89,405,190	13	1	14	0
Case 105	11	89,413,795	134,934,063	3	1	4	0
Case 105	12	191,619	10,344,387	3	0	3	1
Case 105	12	10,347,179	34,853,011	4	0	4	1
Case 105	12	37,876,400	55,047,126	4	0	4	1
Case 105	12	55,048,199	55,381,991	5	0	5	1
Case 105	12	55,384,308	58,023,981	4	0	4	1
Case 105	12	58,024,278	61,080,573	3	0	3	1
Case 105	12	61,090,072	108,874,663	4	0	4	1
Case 105	12	108,874,961	115,558,139	3	0	3	1
Case 105	12	115,559,122	116,325,118	4	0	4	1
Case 105	12	116,326,264	125,646,451	3	0	3	1

Case 105	12	125,652,226	131,617,417	4	0	4	1
Case 105	12	131,617,635	133,810,935	3	0	3	1
Case 105	13	19,058,717	24,115,563	2	1	3	0
Case 105	13	24,115,747	24,467,342	6	1	7	0
Case 105	13	24,474,613	24,538,397	7	1	8	0
Case 105	13	24,541,468	31,952,428	5	1	6	0
Case 105	13	31,954,789	32,291,079	6	1	7	0
Case 105	13	32,292,353	46,190,337	5	1	6	0
Case 105	13	46,215,347	54,658,696	2	1	3	0
Case 105	13	54,659,312	73,290,464	1	1	2	0
Case 105	13	73,292,244	84,452,751	5	1	6	0
Case 105	13	84,453,901	96,932,945	3	1	4	0
Case 105	13	96,936,966	103,862,936	2	1	3	0
Case 105	13	103,865,749	105,274,922	3	1	4	0
Case 105	13	105,275,930	115,103,529	2	1	3	0
Case 105	14	19,280,733	22,160,553	2	2	4	0
Case 105	14	22,163,479	22,528,345	3	2	5	0
Case 105	14	22,530,493	22,947,903	4	3	7	0
Case 105	14	22,948,471	24,848,281	2	2	4	0
Case 105	14	24,852,046	67,658,895	3	2	5	0
Case 105	14	67,661,952	77,957,354	2	2	4	0
Case 105	14	77,968,581	84,436,727	3	2	5	0
Case 105	14	84,437,385	107,287,663	2	2	4	0
Case 105	15	20,034,919	25,293,761	6	1	7	0
Case 105	15	25,298,774	25,774,277	5	2	7	0
Case 105	15	25,775,992	26,088,544	3	2	5	0
Case 105	15	26,093,401	27,742,401	5	2	7	0
Case 105	15	27,744,850	29,412,566	3	2	5	0
Case 105	15	29,412,947	32,345,986	4	2	6	0
Case 105	15	32,347,464	33,661,286	5	2	7	0
Case 105	15	33,665,422	33,828,780	3	0	3	1
Case 105	15	33,830,326	34,136,056	5	2	7	0
Case 105	15	34,139,292	34,217,317	2	2	4	0
Case 105	15	34,226,587	34,877,509	5	1	6	0
Case 105	15	34,881,304	36,336,078	6	2	8	0
Case 105	15	36,342,453	36,715,506	9	1	10	0
Case 105	15	36,719,135	64,844,372	3	0	3	1
Case 105	15	64,895,319	65,988,751	6	1	7	0
Case 105	15	65,988,785	66,530,480	7	1	8	0
Case 105	15	66,530,732	68,404,362	4	2	6	0
Case 105	15	68,416,575	68,649,574	3	0	3	1
Case 105	15	68,649,587	69,411,452	4	2	6	0
Case 105	15	69,411,605	69,596,069	3	0	3	1
Case 105	15	69,598,526	70,207,077	4	2	6	0
Case 105	15	70,208,145	70,319,066	3	0	3	1
Case 105	15	70,332,807	70,828,940	4	2	6	0
Case 105	15	70,832,792	78,384,669	3	0	3	1
Case 105	15	78,386,540	78,390,909	6	2	8	0
Case 105	15	78,391,969	78,686,823	6	1	7	0
Case 105	15	78,687,925	78,833,223	4	2	6	0
Case 105	15	78,833,758	83,683,811	7	1	8	0
Case 105	15	83,685,440	84,041,308	8	1	9	0
Case 105	15	84,047,583	84,178,679	5	1	6	0
Case 105	15	84,179,115	84,649,064	7	2	9	0
Case 105	15	84,651,057	87,831,146	5	2	7	0
Case 105	15	87,832,130	90,129,086	6	1	7	0
Case 105	15	90,129,089	92,522,306	5	1	6	0
Case 105	15	92,524,556	96,187,805	7	1	8	0
Case 105	15	96,188,705	98,313,505	6	2	8	0
Case 105	15	98,322,663	100,453,524	7	1	8	0
Case 105	15	100,453,990	102,461,162	6	1	7	0

Case 105	16	88,165	25,548,973	3	2	5	0
Case 105	16	25,549,377	25,694,279	3	3	6	0
Case 105	16	25,699,372	35,285,582	3	2	5	0
Case 105	16	46,450,037	66,047,360	2	1	3	0
Case 105	16	66,048,005	66,068,016	3	2	5	0
Case 105	16	66,070,596	90,274,695	2	1	3	0
Case 105	17	11,885	14,464,463	3	0	3	1
Case 105	17	14,469,368	15,532,095	4	0	4	1
Case 105	17	15,532,132	22,242,355	3	0	3	1
Case 105	17	25,268,142	25,346,692	3	0	3	1
Case 105	17	25,350,029	34,403,039	3	1	4	0
Case 105	17	34,403,158	34,476,396	4	2	6	0
Case 105	17	34,597,521	55,901,017	3	1	4	0
Case 105	17	55,901,677	55,916,379	5	2	7	0
Case 105	17	55,916,641	81,060,040	3	1	4	0
Case 105	18	87,505	15,102,421	5	0	5	1
Case 105	18	15,249,516	15,375,878	3	0	3	1
Case 105	18	18,520,354	19,603,013	3	0	3	1
Case 105	18	19,607,342	21,762,678	4	0	4	1
Case 105	18	21,769,948	78,015,180	3	0	3	1
Case 105	19	260,912	24,629,285	2	0	2	1
Case 105	19	27,732,159	27,928,613	2	0	2	1
Case 105	19	27,960,006	44,833,162	2	2	4	0
Case 105	19	44,833,240	44,932,521	3	2	5	0
Case 105	19	44,932,747	49,184,380	2	2	4	0
Case 105	19	49,186,717	49,206,727	0	0	0	0
Case 105	19	49,206,790	51,345,821	2	2	4	0
Case 105	19	51,348,711	51,359,519	3	2	5	0
Case 105	19	51,359,543	59,097,160	2	2	4	0
Case 105	20	63,244	675,903	3	1	4	0
Case 105	20	676,442	26,293,985	4	1	5	0
Case 105	20	29,425,357	46,156,099	4	1	5	0
Case 105	20	46,163,799	62,404,416	4	2	6	0
Case 105	20	62,404,933	62,948,788	3	2	5	0
Case 105	21	10,827,533	10,971,337	2	0	2	1
Case 105	21	14,368,320	17,322,403	2	0	2	1
Case 105	21	17,325,210	24,764,752	1	1	2	0
Case 105	21	24,768,759	35,969,900	2	1	3	0
Case 105	21	35,970,346	39,628,198	2	0	2	1
Case 105	21	39,633,192	48,100,155	3	0	3	1
Case 105	22	16,114,244	33,834,668	4	0	4	1
Case 105	22	33,842,454	34,646,980	6	0	6	1
Case 105	22	34,654,148	36,272,637	3	0	3	1
Case 105	22	36,278,740	42,089,623	4	0	4	1
Case 105	22	42,089,630	43,711,182	5	0	5	1
Case 105	22	43,712,536	44,586,519	4	0	4	1
Case 105	22	44,589,008	49,977,557	3	0	3	1
Case 105	22	49,978,215	51,195,728	2	0	2	1
Case 105	X	2,700,157	58,488,110	1	1	2	0
Case 105	X	61,694,576	154,898,561	1	1	2	0
Case 106	1	82,154	5,114,102	1	1	2	0
Case 106	1	5,124,859	5,790,655	1	0	1	0
Case 106	1	5,793,755	8,009,763	1	1	2	0
Case 106	1	8,015,436	9,741,792	1	0	1	0
Case 106	1	9,746,248	11,159,851	1	1	2	0
Case 106	1	11,166,713	11,788,564	1	0	1	0
Case 106	1	11,794,553	11,971,749	2	0	2	1
Case 106	1	11,973,888	19,528,847	1	0	1	0
Case 106	1	19,531,534	25,768,937	1	1	2	0
Case 106	1	25,775,733	28,220,484	1	0	1	0
Case 106	1	28,223,519	28,882,973	1	1	2	0

Case 106	1	28,888,101	29,616,224	1	0	1	0
Case 106	1	29,616,318	41,702,942	1	1	2	0
Case 106	1	41,744,807	41,830,257	1	0	1	0
Case 106	1	41,831,047	42,444,975	2	0	2	1
Case 106	1	42,445,113	43,696,080	1	1	2	0
Case 106	1	43,697,968	44,319,373	1	0	1	0
Case 106	1	44,345,292	50,023,956	1	1	2	0
Case 106	1	50,046,741	53,153,451	2	1	3	0
Case 106	1	53,155,867	53,996,718	1	1	2	0
Case 106	1	53,999,509	54,120,873	2	1	3	0
Case 106	1	54,121,818	121,346,616	1	1	2	0
Case 106	1	142,649,718	166,362,651	1	1	2	0
Case 106	1	166,364,063	166,860,471	2	1	3	0
Case 106	1	166,882,737	174,552,811	1	1	2	0
Case 106	1	174,592,050	181,358,407	1	0	1	0
Case 106	1	181,359,880	187,196,272	1	1	2	0
Case 106	1	187,208,014	224,838,018	2	1	3	0
Case 106	1	224,842,251	224,872,473	3	1	4	0
Case 106	1	224,874,931	239,498,465	2	1	3	0
Case 106	1	239,498,915	239,971,919	1	1	2	0
Case 106	1	239,972,021	249,218,992	2	1	3	0
Case 106	2	18,674	1,271,230	1	0	1	0
Case 106	2	1,271,281	45,187,127	2	0	2	1
Case 106	2	45,189,763	45,311,319	3	0	3	1
Case 106	2	45,312,196	92,081,640	2	0	2	1
Case 106	2	95,429,424	236,617,424	2	0	2	1
Case 106	2	236,617,595	240,871,018	1	0	1	0
Case 106	2	240,871,893	242,293,209	2	0	2	1
Case 106	2	242,294,396	243,048,760	1	0	1	0
Case 106	3	61,495	195,315	3	0	3	1
Case 106	3	195,923	30,134,493	2	0	2	1
Case 106	3	30,136,362	31,551,780	3	0	3	1
Case 106	3	31,554,627	60,310,790	2	0	2	1
Case 106	3	60,315,708	60,594,367	0	0	0	0
Case 106	3	60,595,403	75,012,674	2	0	2	1
Case 106	3	75,051,562	90,442,925	0	0	0	0
Case 106	3	93,537,290	93,537,290	0	0	0	0
Case 106	3	93,545,404	94,766,856	2	0	2	1
Case 106	3	94,772,205	95,851,156	0	0	0	0
Case 106	3	95,861,229	107,945,078	2	0	2	1
Case 106	3	107,961,441	108,072,524	3	0	3	1
Case 106	3	108,072,704	110,794,998	2	0	2	1
Case 106	3	110,797,337	112,269,287	1	0	1	0
Case 106	3	112,282,323	177,229,309	2	0	2	1
Case 106	3	177,231,614	177,744,450	3	0	3	1
Case 106	3	177,744,507	193,426,056	2	0	2	1
Case 106	3	193,427,781	193,682,140	3	0	3	1
Case 106	3	193,693,543	197,838,262	2	0	2	1
Case 106	4	71,566	49,109,992	1	0	1	0
Case 106	4	49,513,783	49,620,898	2	0	2	1
Case 106	4	52,697,856	74,373,060	2	0	2	1
Case 106	4	74,402,790	76,191,643	3	0	3	1
Case 106	4	76,192,871	141,205,306	2	0	2	1
Case 106	4	141,208,028	148,277,011	1	0	1	0
Case 106	4	148,280,874	151,349,664	2	0	2	1
Case 106	4	151,356,081	155,129,517	1	0	1	0
Case 106	4	155,132,707	164,230,540	2	0	2	1
Case 106	4	164,242,092	164,340,073	3	0	3	1
Case 106	4	164,350,705	177,974,062	2	0	2	1
Case 106	4	177,974,857	177,999,318	3	0	3	1
Case 106	4	178,001,276	190,963,766	2	0	2	1

Case 106	5	38,139	46,138,457	3	0	3	1
Case 106	5	46,162,561	46,399,093	2	0	2	1
Case 106	5	49,457,282	55,595,142	2	0	2	1
Case 106	5	55,595,606	55,834,230	3	0	3	1
Case 106	5	55,841,462	57,765,914	2	0	2	1
Case 106	5	57,773,368	57,787,376	3	0	3	1
Case 106	5	57,790,337	65,008,798	2	0	2	1
Case 106	5	65,010,764	91,390,316	1	0	1	0
Case 106	5	91,395,086	180,693,127	2	0	2	1
Case 106	6	108,666	43,618,147	2	0	2	1
Case 106	6	43,618,257	57,398,318	1	1	2	0
Case 106	6	57,412,942	58,752,089	2	1	3	0
Case 106	6	61,891,118	75,238,840	2	1	3	0
Case 106	6	75,264,996	84,020,324	1	1	2	0
Case 106	6	84,020,505	148,730,018	2	1	3	0
Case 106	6	148,731,834	148,785,054	1	0	1	0
Case 106	6	148,785,423	162,617,643	2	1	3	0
Case 106	6	162,619,277	162,828,829	2	0	2	1
Case 106	6	162,831,336	162,993,672	1	0	1	0
Case 106	6	162,994,422	163,273,193	1	1	2	0
Case 106	6	163,273,326	170,980,171	2	1	3	0
Case 106	7	44,935	58,019,061	2	1	3	0
Case 106	7	61,056,053	61,852,895	2	1	3	0
Case 106	7	61,994,170	62,577,770	1	1	2	0
Case 106	7	62,627,173	110,511,679	2	1	3	0
Case 106	7	110,514,428	111,080,241	1	0	1	0
Case 106	7	111,092,478	122,376,318	2	1	3	0
Case 106	7	122,392,897	122,525,329	1	1	2	0
Case 106	7	122,534,888	146,639,472	2	1	3	0
Case 106	7	146,642,350	147,292,345	2	0	2	1
Case 106	7	147,292,995	157,414,146	2	1	3	0
Case 106	7	157,415,516	157,713,213	2	0	2	1
Case 106	7	157,714,638	159,119,486	2	1	3	0
Case 106	8	164,984	3,687,917	2	1	3	0
Case 106	8	3,694,644	11,501,447	3	1	4	0
Case 106	8	11,502,515	11,850,495	2	2	4	0
Case 106	8	11,851,156	12,181,277	3	1	4	0
Case 106	8	12,483,094	43,570,196	3	0	3	1
Case 106	8	43,570,228	43,791,691	2	0	2	1
Case 106	8	46,886,735	47,281,693	2	0	2	1
Case 106	8	47,290,423	144,477,853	3	0	3	1
Case 106	8	144,482,856	144,514,383	4	0	4	1
Case 106	8	144,518,049	146,293,414	3	0	3	1
Case 106	9	46,587	10,411,393	1	1	2	0
Case 106	9	10,421,687	10,936,135	1	0	1	0
Case 106	9	10,936,687	46,944,322	1	1	2	0
Case 106	9	65,629,772	112,438,399	1	1	2	0
Case 106	9	112,440,123	122,463,062	2	1	3	0
Case 106	9	122,473,586	126,116,865	3	1	4	0
Case 106	9	126,117,558	135,562,800	2	1	3	0
Case 106	9	135,568,632	141,066,491	3	1	4	0
Case 106	10	98,087	39,097,912	2	1	3	0
Case 106	10	42,436,301	135,477,883	2	1	3	0
Case 106	11	193,146	2,610,027	2	1	3	0
Case 106	11	2,610,079	2,640,824	2	2	4	0
Case 106	11	2,641,129	12,353,977	2	1	3	0
Case 106	11	12,362,700	15,941,099	2	2	4	0
Case 106	11	15,942,032	20,429,496	2	1	3	0
Case 106	11	20,429,574	42,767,185	2	2	4	0
Case 106	11	42,767,612	49,214,394	2	1	3	0
Case 106	11	49,221,914	50,332,064	2	2	4	0



Case 106	11	50,345,390	51,591,253	2	1	3	0
Case 106	11	54,794,237	95,532,445	2	1	3	0
Case 106	11	95,546,226	95,697,220	3	1	4	0
Case 106	11	95,698,325	97,054,703	2	1	3	0
Case 106	11	97,056,281	97,435,372	3	1	4	0
Case 106	11	97,439,081	120,833,316	2	1	3	0
Case 106	11	120,834,573	131,950,721	3	1	4	0
Case 106	11	131,951,199	132,492,326	2	1	3	0
Case 106	11	132,492,426	134,934,063	3	1	4	0
Case 106	12	191,619	34,853,011	1	1	2	0
Case 106	12	37,876,400	40,182,606	1	1	2	0
Case 106	12	40,192,820	40,328,757	1	0	1	0
Case 106	12	40,340,849	133,810,935	1	1	2	0
Case 106	13	19,058,717	41,838,433	2	0	2	1
Case 106	13	41,842,546	44,482,204	1	1	2	0
Case 106	13	44,493,527	45,548,000	1	0	1	0
Case 106	13	45,555,062	49,284,125	1	1	2	0
Case 106	13	49,294,626	49,312,810	2	1	3	0
Case 106	13	49,313,075	73,343,046	1	1	2	0
Case 106	13	73,345,274	74,288,499	1	0	1	0
Case 106	13	74,289,627	114,835,802	1	1	2	0
Case 106	13	114,841,826	115,103,529	2	1	3	0
Case 106	14	19,280,733	22,425,847	1	0	1	0
Case 106	14	22,427,444	22,978,760	2	0	2	1
Case 106	14	22,978,775	34,570,966	1	0	1	0
Case 106	14	34,574,483	34,787,987	3	0	3	1
Case 106	14	34,790,349	56,960,032	2	0	2	1
Case 106	14	56,963,072	57,013,726	3	0	3	1
Case 106	14	57,014,205	107,287,663	2	0	2	1
Case 106	15	20,034,919	32,303,657	2	1	3	0
Case 106	15	32,309,184	44,609,796	2	0	2	1
Case 106	15	44,613,689	48,127,428	2	1	3	0
Case 106	15	48,128,896	49,093,824	2	0	2	1
Case 106	15	49,097,786	54,224,610	2	2	4	0
Case 106	15	54,226,685	87,857,559	2	0	2	1
Case 106	15	87,861,101	94,048,638	2	1	3	0
Case 106	15	94,059,384	98,894,170	2	2	4	0
Case 106	15	98,895,251	102,461,162	2	1	3	0
Case 106	16	88,165	35,285,582	1	1	2	0
Case 106	16	46,450,037	68,566,787	1	1	2	0
Case 106	16	68,573,287	78,725,014	1	0	1	0
Case 106	16	78,729,624	78,869,317	0	0	0	0
Case 106	16	78,869,545	84,311,563	1	0	1	0
Case 106	16	84,311,702	90,274,695	1	1	2	0
Case 106	17	11,885	1,501,852	1	0	1	0
Case 106	17	1,504,576	1,748,028	2	0	2	1
Case 106	17	1,756,351	3,608,522	3	0	3	1
Case 106	17	3,612,762	21,528,062	2	0	2	1
Case 106	17	21,539,613	22,242,355	2	1	3	0
Case 106	17	25,268,142	50,289,447	2	1	3	0
Case 106	17	50,294,106	70,421,289	2	0	2	1
Case 106	17	70,425,818	70,441,787	3	0	3	1
Case 106	17	70,445,988	81,060,040	2	0	2	1
Case 106	18	87,505	15,375,878	2	0	2	1
Case 106	18	18,520,354	46,385,959	2	0	2	1
Case 106	18	46,388,444	54,796,034	1	0	1	0
Case 106	18	54,797,109	54,950,575	2	0	2	1
Case 106	18	54,953,136	66,309,421	1	0	1	0
Case 106	18	66,309,996	78,015,180	2	0	2	1
Case 106	19	260,912	6,658,613	2	1	3	0
Case 106	19	6,658,636	24,629,285	1	1	2	0

Case 106	19	27,732,159	59,097,160	1	1	2	0
Case 106	20	63,244	14,665,545	2	1	3	0
Case 106	20	14,665,605	14,747,025	3	0	3	1
Case 106	20	14,747,471	15,122,254	0	0	0	0
Case 106	20	15,127,194	26,293,985	2	1	3	0
Case 106	20	29,425,357	62,948,788	2	1	3	0
Case 106	21	10,827,533	10,971,337	1	1	2	0
Case 106	21	14,368,320	31,340,248	1	1	2	0
Case 106	21	31,350,669	34,486,690	1	0	1	0
Case 106	21	34,493,297	36,816,352	1	1	2	0
Case 106	21	36,819,003	37,935,669	1	0	1	0
Case 106	21	37,938,729	38,184,059	2	0	2	1
Case 106	21	38,185,881	39,182,197	1	1	2	0
Case 106	21	39,183,533	45,696,025	1	0	1	0
Case 106	21	45,699,320	47,717,537	1	1	2	0
Case 106	21	47,717,686	48,100,155	2	1	3	0
Case 106	22	16,114,244	18,650,746	1	1	2	0
Case 106	22	18,650,803	21,025,732	2	1	3	0
Case 106	22	21,062,168	23,438,273	1	1	2	0
Case 106	22	23,443,909	25,658,525	2	1	3	0
Case 106	22	25,661,725	34,186,914	1	1	2	0
Case 106	22	34,194,745	34,273,307	1	0	1	0
Case 106	22	34,274,556	36,942,323	1	1	2	0
Case 106	22	36,943,544	49,304,823	2	1	3	0
Case 106	22	49,305,099	51,123,505	3	1	4	0
Case 106	22	51,133,580	51,195,728	2	0	2	1
Case 106	X	2,700,157	58,488,110	2	0	2	1
Case 106	X	61,694,576	154,898,561	2	0	2	1
Case 107	1	82,154	7,760,733	3	2	5	0
Case 107	1	7,774,071	121,346,616	2	2	4	0
Case 107	1	142,649,718	152,595,565	2	2	4	0
Case 107	1	152,596,414	153,410,682	3	2	5	0
Case 107	1	153,410,751	156,765,973	2	2	4	0
Case 107	1	156,767,253	157,891,524	3	2	5	0
Case 107	1	157,891,565	162,798,636	2	2	4	0
Case 107	1	162,800,207	163,483,089	3	2	5	0
Case 107	1	163,487,264	249,218,992	2	2	4	0
Case 107	2	18,674	10,194,192	2	2	4	0
Case 107	2	10,194,487	10,206,686	3	3	6	0
Case 107	2	10,209,993	92,081,640	2	2	4	0
Case 107	2	95,429,424	243,048,760	2	2	4	0
Case 107	3	61,495	86,558,884	2	2	4	0
Case 107	3	86,571,808	90,442,925	3	2	5	0
Case 107	3	93,537,290	161,003,124	3	2	5	0
Case 107	3	161,008,125	161,195,729	3	3	6	0
Case 107	3	161,203,534	175,059,171	3	2	5	0
Case 107	3	175,061,871	175,647,165	2	2	4	0
Case 107	3	175,651,713	194,792,324	3	2	5	0
Case 107	3	194,792,415	197,838,262	2	2	4	0
Case 107	4	71,566	49,620,898	2	2	4	0
Case 107	4	52,697,856	178,112,004	2	2	4	0
Case 107	4	178,116,819	180,186,551	3	2	5	0
Case 107	4	180,187,024	190,963,766	2	2	4	0
Case 107	5	38,139	1,656,054	3	2	5	0
Case 107	5	1,659,414	46,399,093	2	2	4	0
Case 107	5	49,457,282	114,405,806	2	2	4	0
Case 107	5	114,407,438	131,686,146	3	2	5	0
Case 107	5	131,699,867	166,424,076	2	2	4	0
Case 107	5	166,426,291	180,693,127	3	2	5	0
Case 107	6	108,666	2,900,695	2	2	4	0
Case 107	6	2,901,671	3,780,451	3	2	5	0

Case 107	6	3,781,719	19,945,505	2	2	4	0
Case 107	6	19,946,730	20,366,062	3	2	5	0
Case 107	6	20,366,580	32,704,523	2	2	4	0
Case 107	6	32,704,884	32,936,373	3	2	5	0
Case 107	6	32,937,901	37,934,269	2	2	4	0
Case 107	6	37,949,615	38,505,602	4	3	7	0
Case 107	6	38,508,509	41,619,247	2	2	4	0
Case 107	6	41,619,363	41,665,506	3	2	5	0
Case 107	6	41,670,633	43,065,913	5	1	6	0
Case 107	6	43,068,370	43,114,702	7	1	8	0
Case 107	6	43,115,670	43,811,762	5	1	6	0
Case 107	6	43,815,364	44,291,641	3	2	5	0
Case 107	6	44,297,772	46,588,049	2	2	4	0
Case 107	6	46,588,362	46,592,418	3	2	5	0
Case 107	6	46,592,879	58,752,089	2	2	4	0
Case 107	6	61,891,118	134,740,760	2	2	4	0
Case 107	6	134,744,184	147,723,577	3	2	5	0
Case 107	6	147,730,324	148,108,890	2	2	4	0
Case 107	6	148,126,416	170,980,171	3	2	5	0
Case 107	7	44,935	55,301,151	2	2	4	0
Case 107	7	55,301,435	55,323,098	3	2	5	0
Case 107	7	55,326,587	58,019,061	2	2	4	0
Case 107	7	61,056,053	90,851,322	2	2	4	0
Case 107	7	90,852,632	100,309,544	3	2	5	0
Case 107	7	100,313,768	118,225,898	2	2	4	0
Case 107	7	118,228,470	121,947,456	3	2	5	0
Case 107	7	121,949,318	159,119,486	2	2	4	0
Case 107	8	164,984	32,954,243	2	2	4	0
Case 107	8	32,959,945	43,791,691	3	2	5	0
Case 107	8	46,886,735	141,461,103	3	2	5	0
Case 107	8	141,461,210	142,446,934	2	2	4	0
Case 107	8	142,446,937	146,293,414	3	2	5	0
Case 107	9	46,587	25,594,961	2	2	4	0
Case 107	9	25,598,014	25,950,814	3	2	5	0
Case 107	9	25,953,815	26,273,887	2	2	4	0
Case 107	9	26,275,374	46,944,322	3	2	5	0
Case 107	9	65,629,772	135,850,574	2	2	4	0
Case 107	9	135,852,953	139,483,954	3	2	5	0
Case 107	9	139,487,092	139,518,718	3	3	6	0
Case 107	9	139,518,965	141,066,491	3	2	5	0
Case 107	10	98,087	858,924	2	2	4	0
Case 107	10	859,047	37,213,409	3	2	5	0
Case 107	10	37,214,419	39,097,912	2	2	4	0
Case 107	10	42,436,301	43,372,261	2	2	4	0
Case 107	10	43,373,200	78,589,532	3	2	5	0
Case 107	10	78,593,852	82,382,553	4	2	6	0
Case 107	10	82,385,041	83,060,356	3	2	5	0
Case 107	10	83,070,163	134,821,422	2	2	4	0
Case 107	10	134,832,782	135,477,883	3	2	5	0
Case 107	11	193,146	2,059,195	3	2	5	0
Case 107	11	2,066,031	2,090,456	2	2	4	0
Case 107	11	2,095,733	47,611,675	3	2	5	0
Case 107	11	47,611,720	51,591,253	2	2	4	0
Case 107	11	54,794,237	55,432,851	2	2	4	0
Case 107	11	55,432,865	104,899,901	3	2	5	0
Case 107	11	104,900,393	105,239,441	2	2	4	0
Case 107	11	105,251,489	134,934,063	3	2	5	0
Case 107	12	191,619	335,631	3	2	5	0
Case 107	12	335,922	24,512,352	2	2	4	0
Case 107	12	24,512,551	31,799,091	3	2	5	0
Case 107	12	31,803,861	34,853,011	2	2	4	0

Case 107	12	37,876,400	43,014,321	2	2	4	0
Case 107	12	43,017,525	43,321,984	3	2	5	0
Case 107	12	43,324,202	52,402,998	2	2	4	0
Case 107	12	52,403,110	52,649,269	3	2	5	0
Case 107	12	52,649,887	56,536,872	2	2	4	0
Case 107	12	56,546,011	133,810,935	3	2	5	0
Case 107	13	19,058,717	115,103,529	3	2	5	0
Case 107	14	19,280,733	107,287,663	2	2	4	0
Case 107	15	20,034,919	102,461,162	2	2	4	0
Case 107	16	88,165	1,877,618	3	2	5	0
Case 107	16	1,877,747	35,285,582	2	2	4	0
Case 107	16	46,450,037	52,997,863	3	2	5	0
Case 107	16	53,010,486	53,321,892	6	2	8	0
Case 107	16	53,326,860	54,974,683	4	2	6	0
Case 107	16	54,984,823	55,843,252	5	2	7	0
Case 107	16	55,844,609	90,274,695	2	2	4	0
Case 107	17	11,885	4,315,506	2	2	4	0
Case 107	17	4,319,606	4,385,503	3	2	5	0
Case 107	17	4,385,616	20,681,137	2	2	4	0
Case 107	17	20,682,586	22,242,355	3	2	5	0
Case 107	17	25,268,142	43,333,215	3	2	5	0
Case 107	17	43,333,317	55,227,670	2	2	4	0
Case 107	17	55,231,043	55,290,902	3	2	5	0
Case 107	17	55,300,237	56,583,547	2	2	4	0
Case 107	17	56,584,205	69,111,098	3	2	5	0
Case 107	17	69,115,146	70,004,689	2	2	4	0
Case 107	17	70,015,234	75,898,770	3	2	5	0
Case 107	17	75,901,182	76,087,662	2	2	4	0
Case 107	17	76,089,062	78,993,517	3	2	5	0
Case 107	17	79,004,616	79,017,259	3	3	6	0
Case 107	17	79,017,767	81,060,040	3	2	5	0
Case 107	18	87,505	15,375,878	2	2	4	0
Case 107	18	18,520,354	78,015,180	2	2	4	0
Case 107	19	260,912	603,749	3	2	5	0
Case 107	19	606,473	3,084,944	2	2	4	0
Case 107	19	3,093,163	3,252,909	3	2	5	0
Case 107	19	3,253,630	24,629,285	2	2	4	0
Case 107	19	27,732,159	59,097,160	2	2	4	0
Case 107	20	63,244	145,853	3	2	5	0
Case 107	20	153,267	23,375,624	2	2	4	0
Case 107	20	23,377,717	23,847,180	4	2	6	0
Case 107	20	23,852,131	23,906,106	5	2	7	0
Case 107	20	23,907,744	25,305,250	4	2	6	0
Case 107	20	25,319,976	26,293,985	3	2	5	0
Case 107	20	29,425,357	42,983,135	3	2	5	0
Case 107	20	42,985,355	43,384,935	4	2	6	0
Case 107	20	43,396,214	62,948,788	3	2	5	0
Case 107	21	10,827,533	10,971,337	2	2	4	0
Case 107	21	14,368,320	48,100,155	2	2	4	0
Case 107	22	16,114,244	47,663,026	2	2	4	0
Case 107	22	47,665,229	47,688,227	3	2	5	0
Case 107	22	47,701,711	51,195,728	2	2	4	0
Case 107	X	2,700,157	58,488,110	2	1	3	0
Case 107	X	61,694,576	154,898,561	2	1	3	0
Case 108	1	82,154	70,744,507	2	0	2	1
Case 108	1	70,750,558	70,986,547	1	0	1	0
Case 108	1	70,990,002	96,566,226	2	0	2	1
Case 108	1	96,578,814	98,948,007	2	1	3	0
Case 108	1	98,952,064	111,276,629	2	0	2	1
Case 108	1	111,288,171	111,528,570	3	1	4	0
Case 108	1	111,531,126	111,661,528	6	1	7	0

Case 108	1	111,663,161	112,156,965	4	1	5	0
Case 108	1	112,161,635	114,535,695	2	0	2	1
Case 108	1	114,539,586	119,104,373	2	1	3	0
Case 108	1	119,106,612	119,261,126	4	1	5	0
Case 108	1	119,277,851	119,555,759	3	1	4	0
Case 108	1	119,562,382	120,471,739	4	1	5	0
Case 108	1	120,478,125	121,346,616	2	0	2	1
Case 108	1	142,649,718	151,836,824	1	1	2	0
Case 108	1	151,844,396	153,303,392	2	1	3	0
Case 108	1	153,303,930	157,101,245	1	1	2	0
Case 108	1	157,102,453	158,089,212	2	1	3	0
Case 108	1	158,100,580	162,014,978	1	1	2	0
Case 108	1	162,016,704	167,015,608	2	1	3	0
Case 108	1	167,016,853	168,282,491	1	1	2	0
Case 108	1	168,285,045	173,494,019	2	1	3	0
Case 108	1	173,494,045	175,859,765	1	1	2	0
Case 108	1	175,866,247	199,445,517	2	1	3	0
Case 108	1	199,449,355	207,568,003	1	1	2	0
Case 108	1	207,569,884	235,276,289	2	1	3	0
Case 108	1	235,279,448	237,504,759	1	1	2	0
Case 108	1	237,516,073	239,446,740	2	1	3	0
Case 108	1	239,453,106	249,218,992	1	1	2	0
Case 108	2	18,674	189,972	4	1	5	0
Case 108	2	193,882	4,146,859	3	1	4	0
Case 108	2	4,147,979	4,974,397	4	1	5	0
Case 108	2	4,974,780	5,001,482	3	1	4	0
Case 108	2	5,173,840	77,020,219	1	1	2	0
Case 108	2	77,021,928	77,048,896	2	1	3	0
Case 108	2	77,049,269	92,081,640	1	1	2	0
Case 108	2	95,429,424	155,038,788	1	1	2	0
Case 108	2	155,053,140	156,011,900	1	0	1	0
Case 108	2	156,023,165	184,613,551	1	1	2	0
Case 108	2	184,614,354	185,212,246	1	0	1	0
Case 108	2	185,217,338	243,048,760	1	1	2	0
Case 108	3	61,495	60,871,882	2	0	2	1
Case 108	3	60,874,077	61,239,571	0	0	0	0
Case 108	3	61,241,178	84,585,678	2	0	2	1
Case 108	3	84,623,711	90,442,925	2	1	3	0
Case 108	3	93,537,290	99,031,898	2	0	2	1
Case 108	3	99,034,331	117,532,231	2	1	3	0
Case 108	3	117,537,439	117,554,999	1	1	2	0
Case 108	3	117,562,436	174,980,057	2	1	3	0
Case 108	3	174,980,714	175,216,853	1	1	2	0
Case 108	3	175,218,006	197,766,946	2	1	3	0
Case 108	3	197,775,758	197,817,520	4	1	5	0
Case 108	3	197,817,764	197,838,262	3	1	4	0
Case 108	4	71,566	49,620,898	2	0	2	1
Case 108	4	52,697,856	58,412,269	2	0	2	1
Case 108	4	58,412,380	58,655,901	1	0	1	0
Case 108	4	58,662,041	61,978,764	2	0	2	1
Case 108	4	61,982,096	63,084,429	1	0	1	0
Case 108	4	63,096,403	64,625,606	2	0	2	1
Case 108	4	64,662,510	75,911,758	3	0	3	1
Case 108	4	75,929,358	84,525,829	2	0	2	1
Case 108	4	84,526,275	84,879,860	3	0	3	1
Case 108	4	84,880,846	85,654,590	4	0	4	1
Case 108	4	85,661,400	90,126,898	1	0	1	0
Case 108	4	90,126,909	160,857,395	2	0	2	1
Case 108	4	160,863,267	184,694,074	1	0	1	0
Case 108	4	184,694,959	185,532,342	2	0	2	1
Case 108	4	185,533,691	190,963,766	1	0	1	0

Case 108	5	38,139	38,716,873	1	1	2	0
Case 108	5	38,722,734	38,757,335	4	0	4	1
Case 108	5	38,761,236	39,021,044	4	1	5	0
Case 108	5	39,054,434	40,098,605	3	1	4	0
Case 108	5	40,121,487	40,188,442	4	1	5	0
Case 108	5	40,189,966	40,210,933	5	1	6	0
Case 108	5	40,217,324	40,559,387	3	1	4	0
Case 108	5	40,573,745	40,678,049	4	1	5	0
Case 108	5	40,679,789	44,066,093	3	1	4	0
Case 108	5	44,066,669	46,399,093	4	1	5	0
Case 108	5	49,457,282	49,457,282	4	1	5	0
Case 108	5	49,470,083	51,059,051	2	0	2	1
Case 108	5	51,070,843	51,282,797	4	1	5	0
Case 108	5	51,283,559	51,535,809	6	1	7	0
Case 108	5	51,538,538	51,649,222	4	1	5	0
Case 108	5	51,655,244	53,519,661	5	1	6	0
Case 108	5	53,520,792	54,026,811	4	1	5	0
Case 108	5	54,031,153	54,674,296	3	1	4	0
Case 108	5	54,674,967	61,480,289	2	0	2	1
Case 108	5	61,496,655	65,519,426	1	0	1	0
Case 108	5	65,522,888	68,364,871	2	0	2	1
Case 108	5	68,366,457	70,998,053	1	0	1	0
Case 108	5	71,002,954	73,927,752	2	0	2	1
Case 108	5	73,931,260	95,089,373	1	0	1	0
Case 108	5	95,091,201	98,115,642	2	0	2	1
Case 108	5	98,115,932	105,854,131	1	0	1	0
Case 108	5	105,866,862	119,600,902	2	0	2	1
Case 108	5	119,603,547	121,106,601	1	0	1	0
Case 108	5	121,110,144	161,447,161	2	0	2	1
Case 108	5	161,453,085	167,104,317	1	0	1	0
Case 108	5	167,115,062	178,099,758	2	0	2	1
Case 108	5	178,100,927	178,513,141	1	0	1	0
Case 108	5	178,516,483	180,693,127	2	0	2	1
Case 108	6	108,666	6,816,332	2	1	3	0
Case 108	6	6,817,791	7,156,901	2	0	2	1
Case 108	6	7,166,238	30,425,337	2	1	3	0
Case 108	6	30,425,943	32,180,120	1	1	2	0
Case 108	6	32,180,241	41,688,990	2	1	3	0
Case 108	6	41,694,772	43,634,036	1	1	2	0
Case 108	6	43,638,636	58,752,089	2	1	3	0
Case 108	6	61,891,118	147,847,101	2	1	3	0
Case 108	6	147,847,523	147,977,738	1	1	2	0
Case 108	6	147,985,603	153,402,841	2	1	3	0
Case 108	6	153,404,825	170,980,171	1	1	2	0
Case 108	7	44,935	25,365,550	2	0	2	1
Case 108	7	25,368,902	25,676,893	2	1	3	0
Case 108	7	25,679,204	50,180,972	2	0	2	1
Case 108	7	50,182,079	58,019,061	2	1	3	0
Case 108	7	61,056,053	61,747,794	2	1	3	0
Case 108	7	61,852,895	159,119,486	2	0	2	1
Case 108	8	164,984	22,262,321	2	1	3	0
Case 108	8	22,262,418	23,714,609	2	0	2	1
Case 108	8	23,724,908	43,791,691	2	1	3	0
Case 108	8	46,886,735	117,836,620	2	1	3	0
Case 108	8	117,838,623	118,722,494	3	1	4	0
Case 108	8	118,726,160	146,293,414	2	1	3	0
Case 108	9	46,587	9,211,973	1	0	1	0
Case 108	9	9,214,833	9,864,454	0	0	0	0
Case 108	9	9,881,511	32,784,875	1	0	1	0
Case 108	9	32,785,076	38,770,134	3	0	3	1
Case 108	9	38,771,460	46,944,322	2	0	2	1

Case 108	9	65,629,772	71,114,210	2	1	3	0
Case 108	9	71,114,248	71,851,954	3	1	4	0
Case 108	9	71,852,004	73,149,151	4	1	5	0
Case 108	9	73,149,897	75,729,671	3	1	4	0
Case 108	9	75,730,317	76,775,785	2	1	3	0
Case 108	9	76,786,297	108,854,018	1	1	2	0
Case 108	9	108,857,533	109,160,164	2	1	3	0
Case 108	9	109,162,816	109,618,643	3	1	4	0
Case 108	9	109,624,255	110,668,683	2	1	3	0
Case 108	9	110,677,097	110,843,927	3	1	4	0
Case 108	9	110,844,942	112,165,546	1	1	2	0
Case 108	9	112,166,821	113,646,892	2	1	3	0
Case 108	9	113,648,839	114,027,937	3	1	4	0
Case 108	9	114,030,915	114,421,679	2	1	3	0
Case 108	9	114,423,433	115,662,517	3	1	4	0
Case 108	9	115,666,561	116,421,786	2	1	3	0
Case 108	9	116,432,208	141,066,491	1	1	2	0
Case 108	10	98,087	4,437,173	1	1	2	0
Case 108	10	4,437,754	5,618,776	2	1	3	0
Case 108	10	5,621,628	25,419,620	1	1	2	0
Case 108	10	25,428,658	25,849,053	2	1	3	0
Case 108	10	25,853,401	39,097,912	1	1	2	0
Case 108	10	42,436,301	52,789,016	1	1	2	0
Case 108	10	52,792,194	59,582,901	2	1	3	0
Case 108	10	59,588,583	61,881,937	1	1	2	0
Case 108	10	61,882,020	69,366,675	2	1	3	0
Case 108	10	69,366,752	81,863,021	1	1	2	0
Case 108	10	81,863,964	81,895,970	2	1	3	0
Case 108	10	81,900,893	82,685,062	1	1	2	0
Case 108	10	82,696,713	84,655,185	2	1	3	0
Case 108	10	84,656,170	90,028,352	1	1	2	0
Case 108	10	90,029,028	92,302,869	2	1	3	0
Case 108	10	92,303,944	106,253,104	1	1	2	0
Case 108	10	106,253,793	108,159,560	2	1	3	0
Case 108	10	108,160,539	135,477,883	1	1	2	0
Case 108	11	193,146	21,600,567	1	1	2	0
Case 108	11	21,601,797	22,539,603	3	1	4	0
Case 108	11	22,540,139	22,755,093	1	1	2	0
Case 108	11	22,758,660	22,881,341	4	1	5	0
Case 108	11	22,881,542	23,224,499	3	1	4	0
Case 108	11	23,224,901	23,533,754	6	1	7	0
Case 108	11	23,533,902	23,815,456	4	1	5	0
Case 108	11	23,816,444	24,061,085	6	1	7	0
Case 108	11	24,073,794	24,236,096	4	1	5	0
Case 108	11	24,246,904	24,440,965	3	1	4	0
Case 108	11	24,446,873	24,772,667	2	1	3	0
Case 108	11	24,774,037	24,822,669	3	1	4	0
Case 108	11	24,829,963	39,700,963	1	1	2	0
Case 108	11	39,709,068	40,105,120	4	1	5	0
Case 108	11	40,105,881	45,001,728	1	1	2	0
Case 108	11	45,009,133	45,913,652	3	1	4	0
Case 108	11	45,922,690	46,297,631	4	0	4	1
Case 108	11	46,300,722	46,575,394	3	1	4	0
Case 108	11	46,596,674	46,751,085	2	0	2	1
Case 108	11	46,760,913	48,050,995	3	1	4	0
Case 108	11	48,051,442	48,116,232	4	1	5	0
Case 108	11	48,117,873	48,373,849	3	1	4	0
Case 108	11	48,375,604	49,093,987	4	1	5	0
Case 108	11	49,120,746	50,238,588	2	1	3	0
Case 108	11	50,241,556	50,697,498	1	1	2	0
Case 108	11	51,095,992	51,474,852	2	1	3	0

Case 108	11	51,478,072	51,591,253	1	1	2	0
Case 108	11	54,794,237	66,348,648	1	1	2	0
Case 108	11	66,358,126	67,190,928	3	1	4	0
Case 108	11	67,191,327	69,084,550	1	1	2	0
Case 108	11	69,087,550	69,248,131	3	2	5	0
Case 108	11	69,252,000	69,281,578	1	1	2	0
Case 108	11	69,282,036	69,351,911	2	0	2	1
Case 108	11	69,364,292	69,818,523	4	0	4	1
Case 108	11	69,820,567	69,870,778	3	0	3	1
Case 108	11	69,871,289	69,896,252	2	1	3	0
Case 108	11	69,901,274	134,934,063	1	1	2	0
Case 108	12	191,619	34,853,011	2	0	2	1
Case 108	12	37,876,400	89,576,400	2	0	2	1
Case 108	12	89,577,715	120,575,778	3	0	3	1
Case 108	12	120,580,323	133,810,935	2	0	2	1
Case 108	13	19,058,717	27,979,558	1	1	2	0
Case 108	13	27,981,532	28,286,430	1	0	1	0
Case 108	13	28,286,672	29,552,602	1	1	2	0
Case 108	13	29,553,229	35,451,150	2	1	3	0
Case 108	13	35,455,773	115,103,529	1	1	2	0
Case 108	14	19,280,733	22,456,361	1	1	2	0
Case 108	14	22,458,695	22,963,646	2	1	3	0
Case 108	14	22,964,782	32,589,339	1	1	2	0
Case 108	14	32,592,200	38,299,266	2	1	3	0
Case 108	14	38,307,511	85,287,983	1	1	2	0
Case 108	14	85,293,938	107,287,663	2	1	3	0
Case 108	15	20,034,919	102,461,162	2	0	2	1
Case 108	16	88,165	35,285,582	2	1	3	0
Case 108	16	46,450,037	90,274,695	2	1	3	0
Case 108	17	11,885	1,204,864	2	0	2	1
Case 108	17	1,206,042	2,553,152	2	1	3	0
Case 108	17	2,553,836	22,242,355	2	0	2	1
Case 108	17	25,268,142	28,382,984	2	0	2	1
Case 108	17	28,383,709	29,325,782	2	1	3	0
Case 108	17	29,326,155	32,731,049	2	0	2	1
Case 108	17	32,735,169	33,214,359	2	1	3	0
Case 108	17	33,214,714	33,872,797	2	0	2	1
Case 108	17	33,874,678	34,831,963	2	1	3	0
Case 108	17	34,841,617	35,537,269	2	0	2	1
Case 108	17	35,543,678	36,307,189	2	1	3	0
Case 108	17	36,450,598	36,991,482	2	0	2	1
Case 108	17	36,991,576	40,542,642	2	1	3	0
Case 108	17	40,550,611	41,433,660	2	0	2	1
Case 108	17	41,445,145	43,493,101	2	1	3	0
Case 108	17	43,504,831	48,051,772	2	0	2	1
Case 108	17	48,057,873	53,158,492	2	1	3	0
Case 108	17	53,158,524	66,119,884	2	0	2	1
Case 108	17	66,127,358	71,811,006	2	1	3	0
Case 108	17	71,812,516	71,916,715	2	0	2	1
Case 108	17	71,928,292	72,174,922	2	1	3	0
Case 108	17	72,178,448	74,573,532	2	0	2	1
Case 108	17	74,574,103	81,060,040	2	1	3	0
Case 108	18	87,505	15,075,994	1	0	1	0
Case 108	18	15,082,789	15,375,878	3	1	4	0
Case 108	18	18,520,354	20,128,882	3	1	4	0
Case 108	18	20,132,564	26,490,208	1	0	1	0
Case 108	18	26,492,729	29,124,424	4	1	5	0
Case 108	18	29,125,854	29,963,308	3	1	4	0
Case 108	18	29,964,730	31,788,458	4	1	5	0
Case 108	18	31,813,635	32,373,736	1	0	1	0
Case 108	18	32,373,873	36,068,971	3	1	4	0



Case 108	18	36,083,127	78,015,180	1	0	1	0
Case 108	19	260,912	24,629,285	2	0	2	1
Case 108	19	27,732,159	59,097,160	2	0	2	1
Case 108	20	63,244	26,293,985	2	1	3	0
Case 108	20	29,425,357	62,948,788	2	1	3	0
Case 108	21	10,827,533	10,971,337	2	0	2	1
Case 108	21	14,368,320	48,100,155	2	0	2	1
Case 108	22	16,114,244	51,195,728	2	0	2	1
Case 108	X	2,700,157	58,488,110	2	0	2	1
Case 108	X	61,694,576	84,569,502	2	0	2	1
Case 108	X	84,569,508	84,670,926	0	0	0	0
Case 108	X	84,685,904	154,898,561	2	0	2	1
Case 109	1	82,154	3,809,520	1	1	2	0
Case 109	1	3,809,544	5,748,611	2	1	3	0
Case 109	1	5,750,013	9,897,001	1	1	2	0
Case 109	1	9,898,433	16,475,173	3	1	4	0
Case 109	1	16,475,203	27,272,844	1	1	2	0
Case 109	1	27,272,864	27,890,533	1	0	1	0
Case 109	1	27,930,898	43,353,134	1	1	2	0
Case 109	1	43,356,211	43,543,617	2	1	3	0
Case 109	1	43,557,168	121,346,616	1	1	2	0
Case 109	1	142,649,718	179,833,929	3	1	4	0
Case 109	1	179,841,753	180,513,655	2	1	3	0
Case 109	1	180,516,881	185,201,061	3	1	4	0
Case 109	1	185,211,545	185,646,286	2	1	3	0
Case 109	1	185,675,592	200,080,463	3	1	4	0
Case 109	1	200,083,654	201,029,866	2	1	3	0
Case 109	1	201,030,668	206,967,152	3	1	4	0
Case 109	1	206,968,893	208,569,243	2	1	3	0
Case 109	1	208,578,200	213,743,746	3	1	4	0
Case 109	1	213,743,905	214,242,637	2	1	3	0
Case 109	1	214,268,998	219,967,811	3	1	4	0
Case 109	1	219,968,010	220,226,732	2	1	3	0
Case 109	1	220,228,658	221,365,849	3	1	4	0
Case 109	1	221,377,435	221,966,781	4	1	5	0
Case 109	1	221,968,224	241,168,535	3	1	4	0
Case 109	1	241,170,150	241,882,665	2	1	3	0
Case 109	1	241,885,307	247,920,961	3	1	4	0
Case 109	1	247,921,083	249,218,992	2	1	3	0
Case 109	2	18,674	31,986,063	2	1	3	0
Case 109	2	32,014,315	38,729,008	1	1	2	0
Case 109	2	38,730,273	38,839,323	2	1	3	0
Case 109	2	38,845,701	38,936,539	1	1	2	0
Case 109	2	38,940,316	39,204,040	3	1	4	0
Case 109	2	39,209,047	40,846,875	4	1	5	0
Case 109	2	40,848,550	41,016,149	5	1	6	0
Case 109	2	41,024,301	48,566,031	4	1	5	0
Case 109	2	48,579,778	48,644,275	5	1	6	0
Case 109	2	48,646,399	52,461,739	4	1	5	0
Case 109	2	52,461,984	52,668,651	2	1	3	0
Case 109	2	52,690,141	53,099,305	4	1	5	0
Case 109	2	53,101,066	64,928,603	2	1	3	0
Case 109	2	64,936,472	65,221,184	3	1	4	0
Case 109	2	65,231,096	92,081,640	2	1	3	0
Case 109	2	95,429,424	203,765,800	2	1	3	0
Case 109	2	203,772,630	203,848,342	3	1	4	0
Case 109	2	203,854,586	243,048,760	2	1	3	0
Case 109	3	61,495	21,280,306	2	1	3	0
Case 109	3	21,280,562	30,211,349	1	1	2	0
Case 109	3	30,225,323	30,549,626	3	1	4	0
Case 109	3	30,554,212	45,153,422	1	1	2	0

Case 109	3	45,153,626	45,429,891	2	1	3	0
Case 109	3	45,436,093	59,839,995	1	1	2	0
Case 109	3	59,842,644	60,272,317	1	0	1	0
Case 109	3	60,274,049	60,439,043	1	1	2	0
Case 109	3	60,441,079	60,461,994	1	0	1	0
Case 109	3	60,464,275	60,487,074	0	0	0	0
Case 109	3	60,487,247	60,554,521	1	0	1	0
Case 109	3	60,557,685	60,588,627	0	0	0	0
Case 109	3	60,589,410	60,631,936	1	0	1	0
Case 109	3	60,636,061	61,577,341	1	1	2	0
Case 109	3	61,584,646	61,628,388	2	1	3	0
Case 109	3	61,632,170	90,442,925	1	1	2	0
Case 109	3	93,537,290	124,487,214	1	1	2	0
Case 109	3	124,487,911	124,919,384	2	1	3	0
Case 109	3	124,921,457	197,838,262	1	1	2	0
Case 109	4	71,566	2,990,375	2	0	2	1
Case 109	4	2,990,487	49,620,898	2	1	3	0
Case 109	4	52,697,856	75,324,290	2	1	3	0
Case 109	4	75,328,108	75,738,792	4	1	5	0
Case 109	4	75,745,515	95,514,609	2	1	3	0
Case 109	4	95,525,186	98,965,614	1	1	2	0
Case 109	4	98,965,696	101,222,442	2	1	3	0
Case 109	4	101,228,493	122,933,691	1	1	2	0
Case 109	4	122,947,939	152,114,234	2	1	3	0
Case 109	4	152,144,869	161,856,343	1	0	1	0
Case 109	4	161,861,640	161,924,832	3	0	3	1
Case 109	4	161,935,342	172,699,232	1	0	1	0
Case 109	4	172,705,236	183,124,933	2	0	2	1
Case 109	4	183,125,630	190,963,766	1	0	1	0
Case 109	5	38,139	412,694	2	1	3	0
Case 109	5	422,752	874,001	3	1	4	0
Case 109	5	878,470	6,607,370	2	1	3	0
Case 109	5	6,608,361	6,786,308	1	1	2	0
Case 109	5	6,790,678	10,262,696	2	1	3	0
Case 109	5	10,263,582	10,492,322	1	1	2	0
Case 109	5	10,496,509	19,389,256	2	1	3	0
Case 109	5	19,392,363	20,753,945	1	1	2	0
Case 109	5	20,779,048	25,711,728	2	1	3	0
Case 109	5	25,717,110	28,549,181	1	1	2	0
Case 109	5	28,560,977	36,781,359	2	1	3	0
Case 109	5	36,786,516	37,196,028	4	1	5	0
Case 109	5	37,197,160	41,572,722	2	1	3	0
Case 109	5	41,574,343	46,399,093	4	1	5	0
Case 109	5	49,457,282	142,818,306	1	0	1	0
Case 109	5	142,827,853	173,084,783	2	0	2	1
Case 109	5	173,094,151	173,401,662	3	0	3	1
Case 109	5	173,406,806	175,935,316	2	0	2	1
Case 109	5	175,936,317	176,153,641	4	0	4	1
Case 109	5	176,156,228	180,693,127	2	0	2	1
Case 109	6	108,666	5,312,080	4	1	5	0
Case 109	6	5,320,622	5,663,598	3	1	4	0
Case 109	6	5,664,388	7,424,510	4	1	5	0
Case 109	6	7,427,198	9,042,512	3	1	4	0
Case 109	6	9,044,593	10,885,971	4	1	5	0
Case 109	6	10,886,585	11,193,730	3	1	4	0
Case 109	6	11,194,511	11,618,187	4	1	5	0
Case 109	6	11,620,846	13,490,904	3	1	4	0
Case 109	6	13,506,872	15,916,856	2	1	3	0
Case 109	6	15,923,183	16,343,056	3	1	4	0
Case 109	6	16,362,246	16,522,826	1	0	1	0
Case 109	6	16,528,671	17,706,404	4	1	5	0

Case 109	6	17,706,524	17,896,035	2	1	3	0
Case 109	6	17,905,008	20,092,949	4	1	5	0
Case 109	6	20,096,334	21,847,916	3	1	4	0
Case 109	6	21,856,821	22,693,005	4	1	5	0
Case 109	6	22,694,829	30,199,016	3	1	4	0
Case 109	6	30,200,873	30,824,532	4	1	5	0
Case 109	6	30,825,220	30,942,284	3	1	4	0
Case 109	6	30,942,387	31,011,247	4	1	5	0
Case 109	6	31,011,662	32,651,894	3	1	4	0
Case 109	6	32,652,359	32,797,620	4	1	5	0
Case 109	6	32,797,684	33,080,359	3	1	4	0
Case 109	6	33,080,360	33,127,987	4	1	5	0
Case 109	6	33,128,377	34,384,852	3	1	4	0
Case 109	6	34,389,360	34,579,431	4	1	5	0
Case 109	6	34,592,731	39,920,347	3	1	4	0
Case 109	6	39,925,922	42,515,372	4	1	5	0
Case 109	6	42,531,650	43,618,147	3	1	4	0
Case 109	6	43,618,257	46,580,382	4	1	5	0
Case 109	6	46,582,156	46,598,263	5	1	6	0
Case 109	6	46,599,187	47,649,356	4	1	5	0
Case 109	6	47,649,573	50,029,391	3	1	4	0
Case 109	6	50,041,852	58,150,777	2	1	3	0
Case 109	6	58,168,152	58,752,089	1	1	2	0
Case 109	6	61,891,118	62,759,028	3	1	4	0
Case 109	6	62,761,262	62,850,877	5	1	6	0
Case 109	6	62,865,650	63,199,731	3	1	4	0
Case 109	6	63,209,941	63,534,312	3	0	3	1
Case 109	6	63,543,538	63,733,495	2	0	2	1
Case 109	6	63,746,291	68,503,143	2	2	4	0
Case 109	6	68,526,511	72,595,779	2	0	2	1
Case 109	6	72,602,564	76,119,602	2	2	4	0
Case 109	6	76,124,523	105,997,617	2	0	2	1
Case 109	6	106,000,830	106,461,835	3	0	3	1
Case 109	6	106,468,486	124,698,568	2	0	2	1
Case 109	6	124,699,827	137,489,567	2	2	4	0
Case 109	6	137,495,707	167,830,327	2	1	3	0
Case 109	6	167,830,592	169,672,120	2	0	2	1
Case 109	6	169,678,116	170,980,171	2	1	3	0
Case 109	7	44,935	7,052,237	2	1	3	0
Case 109	7	7,052,481	39,607,399	3	2	5	0
Case 109	7	39,608,877	39,695,873	4	2	6	0
Case 109	7	39,713,821	41,659,417	3	2	5	0
Case 109	7	41,662,627	41,971,266	4	3	7	0
Case 109	7	41,973,509	43,908,661	3	2	5	0
Case 109	7	43,908,975	45,335,689	2	2	4	0
Case 109	7	45,336,250	47,408,702	3	2	5	0
Case 109	7	47,408,712	48,090,640	2	2	4	0
Case 109	7	48,092,486	53,980,226	3	2	5	0
Case 109	7	53,982,626	54,430,805	4	3	7	0
Case 109	7	54,439,565	58,019,061	3	2	5	0
Case 109	7	61,056,053	73,520,558	3	2	5	0
Case 109	7	73,523,347	77,046,222	2	2	4	0
Case 109	7	77,047,056	97,595,215	3	2	5	0
Case 109	7	97,602,656	100,473,729	2	2	4	0
Case 109	7	100,474,289	102,079,461	2	1	3	0
Case 109	7	102,079,764	104,107,166	3	1	4	0
Case 109	7	104,110,492	138,886,066	2	1	3	0
Case 109	7	138,916,654	141,793,419	3	1	4	0
Case 109	7	141,795,061	142,030,318	3	0	3	1
Case 109	7	142,032,983	151,896,365	3	1	4	0
Case 109	7	151,902,197	152,277,531	2	0	2	1

Case 109	7	152,285,741	152,601,631	3	1	4	0
Case 109	7	152,604,342	157,299,223	3	2	5	0
Case 109	7	157,306,440	159,119,486	2	2	4	0
Case 109	8	164,984	3,336,289	2	1	3	0
Case 109	8	3,339,898	36,939,955	1	1	2	0
Case 109	8	36,953,646	38,486,970	3	1	4	0
Case 109	8	38,488,601	43,791,691	2	1	3	0
Case 109	8	46,886,735	48,945,620	2	1	3	0
Case 109	8	48,954,143	50,734,527	3	2	5	0
Case 109	8	50,752,038	65,254,172	2	1	3	0
Case 109	8	65,272,478	69,693,543	2	2	4	0
Case 109	8	69,699,676	69,742,300	3	2	5	0
Case 109	8	69,745,066	70,451,302	4	2	6	0
Case 109	8	70,451,675	71,849,895	2	2	4	0
Case 109	8	71,875,128	75,369,545	4	2	6	0
Case 109	8	75,377,173	80,610,888	5	2	7	0
Case 109	8	80,611,468	81,246,699	4	1	5	0
Case 109	8	81,256,542	88,846,956	5	2	7	0
Case 109	8	88,852,543	89,338,388	4	2	6	0
Case 109	8	89,342,944	92,866,188	5	2	7	0
Case 109	8	92,867,682	98,600,977	5	1	6	0
Case 109	8	98,615,175	98,647,447	8	2	10	0
Case 109	8	98,648,478	104,924,389	5	1	6	0
Case 109	8	104,925,755	105,351,943	6	2	8	0
Case 109	8	105,351,998	105,884,484	5	1	6	0
Case 109	8	105,884,605	108,151,432	5	2	7	0
Case 109	8	108,155,732	110,670,303	4	2	6	0
Case 109	8	110,673,564	113,162,234	5	2	7	0
Case 109	8	113,167,988	116,219,063	6	2	8	0
Case 109	8	116,222,460	117,960,147	5	1	6	0
Case 109	8	117,974,268	119,936,669	4	2	6	0
Case 109	8	119,936,717	128,471,041	2	2	4	0
Case 109	8	128,472,320	128,909,539	3	2	5	0
Case 109	8	128,911,213	136,623,771	2	2	4	0
Case 109	8	136,624,184	136,743,544	2	1	3	0
Case 109	8	136,746,031	137,240,873	2	2	4	0
Case 109	8	137,256,602	144,942,718	2	1	3	0
Case 109	8	144,942,796	146,293,414	2	2	4	0
Case 109	9	46,587	26,038,217	1	0	1	0
Case 109	9	26,038,747	46,944,322	2	0	2	1
Case 109	9	65,629,772	109,931,412	2	0	2	1
Case 109	9	109,940,271	111,098,115	7	0	7	1
Case 109	9	111,100,388	111,761,406	4	0	4	1
Case 109	9	111,761,469	120,416,402	2	0	2	1
Case 109	9	120,418,118	129,139,361	3	0	3	1
Case 109	9	129,141,450	129,409,198	4	0	4	1
Case 109	9	129,416,317	138,149,166	3	0	3	1
Case 109	9	138,149,317	138,175,847	4	0	4	1
Case 109	9	138,176,724	141,066,491	3	0	3	1
Case 109	10	98,087	13,716,316	3	1	4	0
Case 109	10	13,723,773	14,118,224	4	1	5	0
Case 109	10	14,120,334	39,097,912	3	1	4	0
Case 109	10	42,436,301	76,372,037	1	1	2	0
Case 109	10	76,373,904	82,472,563	2	1	3	0
Case 109	10	82,473,065	94,347,830	1	1	2	0
Case 109	10	94,353,278	94,794,319	2	1	3	0
Case 109	10	94,796,683	135,477,883	1	1	2	0
Case 109	11	193,146	5,878,836	2	0	2	1
Case 109	11	5,899,862	5,934,737	4	0	4	1
Case 109	11	5,954,809	8,015,651	2	0	2	1
Case 109	11	8,016,013	8,435,100	3	0	3	1

Case 109	11	8,437,827	20,782,829	2	0	2	1
Case 109	11	20,784,543	21,014,765	3	0	3	1
Case 109	11	21,016,033	34,434,761	2	0	2	1
Case 109	11	34,436,686	34,778,351	2	2	4	0
Case 109	11	34,796,804	51,591,253	2	1	3	0
Case 109	11	54,794,237	65,416,753	2	1	3	0
Case 109	11	65,416,851	65,596,281	2	2	4	0
Case 109	11	65,613,348	69,514,277	2	1	3	0
Case 109	11	69,515,423	69,543,611	3	1	4	0
Case 109	11	69,544,508	75,964,525	2	1	3	0
Case 109	11	75,966,611	76,026,791	3	1	4	0
Case 109	11	76,027,936	104,789,971	2	1	3	0
Case 109	11	104,809,654	120,400,149	1	1	2	0
Case 109	11	120,400,419	121,420,669	2	1	3	0
Case 109	11	121,420,751	134,934,063	1	1	2	0
Case 109	12	191,619	24,792,818	2	0	2	1
Case 109	12	24,798,175	25,439,364	7	1	8	0
Case 109	12	25,441,609	25,480,547	9	1	10	0
Case 109	12	25,482,128	25,666,033	6	1	7	0
Case 109	12	25,671,066	25,832,829	4	2	6	0
Case 109	12	25,834,871	28,515,383	2	2	4	0
Case 109	12	28,534,415	31,886,971	2	1	3	0
Case 109	12	31,887,137	33,148,078	2	0	2	1
Case 109	12	33,150,520	34,853,011	2	1	3	0
Case 109	12	37,876,400	37,876,400	2	1	3	0
Case 109	12	37,927,114	54,231,159	2	0	2	1
Case 109	12	54,235,961	54,634,666	3	0	3	1
Case 109	12	54,649,941	56,755,952	2	0	2	1
Case 109	12	56,776,586	58,193,685	2	2	4	0
Case 109	12	58,196,095	63,895,154	3	2	5	0
Case 109	12	63,897,387	65,508,788	2	2	4	0
Case 109	12	65,514,266	115,837,861	2	0	2	1
Case 109	12	115,841,509	116,298,613	3	0	3	1
Case 109	12	116,299,468	122,203,680	2	0	2	1
Case 109	12	122,203,915	122,514,975	3	0	3	1
Case 109	12	122,590,228	133,810,935	2	0	2	1
Case 109	13	19,058,717	30,616,134	3	0	3	1
Case 109	13	30,620,530	30,874,175	4	0	4	1
Case 109	13	30,877,359	82,700,330	3	0	3	1
Case 109	13	82,716,886	85,017,085	1	0	1	0
Case 109	13	85,021,473	85,040,002	2	0	2	1
Case 109	13	85,043,838	95,131,385	3	0	3	1
Case 109	13	95,133,816	95,166,661	4	0	4	1
Case 109	13	95,170,689	115,103,529	3	0	3	1
Case 109	14	19,280,733	107,287,663	2	1	3	0
Case 109	15	20,034,919	48,179,897	2	0	2	1
Case 109	15	48,180,935	48,480,491	1	0	1	0
Case 109	15	48,481,665	102,461,162	2	0	2	1
Case 109	16	88,165	10,880,077	3	0	3	1
Case 109	16	10,886,823	11,337,805	5	0	5	1
Case 109	16	11,340,579	24,366,971	3	0	3	1
Case 109	16	24,368,796	24,384,711	4	0	4	1
Case 109	16	24,390,705	35,285,582	3	0	3	1
Case 109	16	46,450,037	57,820,109	3	0	3	1
Case 109	16	57,822,267	58,105,677	4	0	4	1
Case 109	16	58,111,433	64,216,776	3	0	3	1
Case 109	16	64,221,018	64,877,700	4	0	4	1
Case 109	16	64,883,464	69,481,071	3	0	3	1
Case 109	16	69,496,384	70,154,486	4	0	4	1
Case 109	16	70,166,140	71,458,299	3	0	3	1
Case 109	16	71,458,581	71,800,045	4	0	4	1

Case 109	16	71,803,974	78,784,233	3	0	3	1
Case 109	16	78,787,891	80,788,323	2	0	2	1
Case 109	16	80,791,319	81,061,776	1	0	1	0
Case 109	16	81,061,827	90,274,695	2	0	2	1
Case 109	17	11,885	4,156,620	2	0	2	1
Case 109	17	4,162,965	5,591,389	3	0	3	1
Case 109	17	5,594,285	6,889,557	4	0	4	1
Case 109	17	6,898,897	7,681,492	3	0	3	1
Case 109	17	7,681,731	18,879,649	2	0	2	1
Case 109	17	18,879,761	18,909,043	3	0	3	1
Case 109	17	18,911,386	22,242,355	2	0	2	1
Case 109	17	25,268,142	25,268,142	2	0	2	1
Case 109	17	25,295,032	35,836,990	2	2	4	0
Case 109	17	35,848,255	36,754,504	3	2	5	0
Case 109	17	36,760,366	43,030,679	2	2	4	0
Case 109	17	43,031,392	43,549,526	4	1	5	0
Case 109	17	43,570,226	49,442,178	2	0	2	1
Case 109	17	49,446,154	50,294,398	3	0	3	1
Case 109	17	50,296,779	57,941,166	2	0	2	1
Case 109	17	57,944,072	63,049,718	2	1	3	0
Case 109	17	63,056,780	63,534,538	2	2	4	0
Case 109	17	63,541,497	74,383,648	2	1	3	0
Case 109	17	74,383,678	78,938,498	3	1	4	0
Case 109	17	78,939,414	80,039,509	4	1	5	0
Case 109	17	80,039,510	81,060,040	2	2	4	0
Case 109	18	87,505	3,359,237	3	0	3	1
Case 109	18	3,363,530	4,009,380	2	0	2	1
Case 109	18	4,014,959	15,375,878	3	0	3	1
Case 109	18	18,520,354	37,981,499	3	0	3	1
Case 109	18	37,984,800	78,015,180	2	1	3	0
Case 109	19	260,912	9,075,021	2	0	2	1
Case 109	19	9,075,321	9,076,992	3	0	3	1
Case 109	19	9,077,071	24,629,285	2	0	2	1
Case 109	19	27,732,159	27,828,664	2	0	2	1
Case 109	19	27,862,694	47,389,370	3	0	3	1
Case 109	19	47,397,495	49,184,380	2	0	2	1
Case 109	19	49,186,717	49,206,359	0	0	0	0
Case 109	19	49,206,417	54,891,185	2	0	2	1
Case 109	19	54,896,877	54,930,361	1	0	1	0
Case 109	19	54,930,392	59,097,160	2	0	2	1
Case 109	20	63,244	5,695,218	3	2	5	0
Case 109	20	5,696,982	17,467,032	4	2	6	0
Case 109	20	17,472,515	26,293,985	3	2	5	0
Case 109	20	29,425,357	29,834,107	3	2	5	0
Case 109	20	29,843,182	36,604,698	3	1	4	0
Case 109	20	36,610,507	60,065,771	3	2	5	0
Case 109	20	60,080,431	62,948,788	2	2	4	0
Case 109	21	10,827,533	10,971,337	1	1	2	0
Case 109	21	14,368,320	45,860,714	1	1	2	0
Case 109	21	45,860,766	45,953,773	2	1	3	0
Case 109	21	45,957,792	48,100,155	1	1	2	0
Case 109	22	16,114,244	44,652,157	2	1	3	0
Case 109	22	44,656,581	45,795,041	1	0	1	0
Case 109	22	45,802,354	51,195,728	2	1	3	0
Case 109	X	2,700,157	58,488,110	3	0	3	1
Case 109	X	61,694,576	154,898,561	3	0	3	1

<sup>1</sup>Based on the reference human genome from UCSC human genome 19 (hg19). <sup>2</sup>Copy numbers of "major allele" and "minor allele" were predicted by ASCAT (<https://www.crick.ac.uk/research/labs/peter-van-loo/software>, [Ref. 28]). <sup>3</sup>1, positive; 0, negative.

**Supplementary Table 8B.** CNAs obtained by Global Parameter Hidden Markov Model (GPHMM) based on single-nucleotide polymorphism microarray analysis of 66 cancerous tissue samples

Patient ID	Chromosome <sup>1</sup>	Start position <sup>1</sup>	End position <sup>1</sup>	Number of A allele <sup>2</sup>	Number of B allele <sup>2</sup>	Copy number	Loss of heterozygosity <sup>3</sup>
Case 1	1	82,154	121,346,616	2	1	3	0
Case 1	1	142,649,718	249,218,992	2	1	3	0
Case 1	2	18,674	7,036,529	2	1	3	0
Case 1	2	7,036,621	8,530,256	3	1	4	0
Case 1	2	8,531,810	9,308,148	2	1	3	0
Case 1	2	9,310,604	9,528,536	3	1	4	0
Case 1	2	9,528,554	9,695,682	2	1	3	0
Case 1	2	9,697,171	10,050,947	3	1	4	0
Case 1	2	10,050,960	10,282,446	2	1	3	0
Case 1	2	10,286,466	10,408,886	3	1	4	0
Case 1	2	10,413,431	10,599,845	2	1	3	0
Case 1	2	10,612,091	10,693,478	3	1	4	0
Case 1	2	10,696,877	11,039,291	2	1	3	0
Case 1	2	11,046,638	11,292,605	3	1	4	0
Case 1	2	11,293,336	11,484,142	2	1	3	0
Case 1	2	11,489,531	11,798,675	3	1	4	0
Case 1	2	11,798,684	12,083,477	2	1	3	0
Case 1	2	12,084,726	12,221,688	3	1	4	0
Case 1	2	12,225,930	12,393,033	2	1	3	0
Case 1	2	12,397,435	15,415,867	3	1	4	0
Case 1	2	15,417,035	15,783,051	2	1	3	0
Case 1	2	15,793,904	16,585,720	3	1	4	0
Case 1	2	16,590,965	16,943,302	2	1	3	0
Case 1	2	16,943,918	18,758,057	3	1	4	0
Case 1	2	18,758,132	35,624,746	2	2	4	0
Case 1	2	35,627,198	36,003,061	3	1	4	0
Case 1	2	36,003,692	40,725,639	2	2	4	0
Case 1	2	40,732,857	40,743,183	3	1	4	0
Case 1	2	40,748,005	40,748,005	2	2	4	0
Case 1	2	40,761,794	41,051,123	3	2	5	0
Case 1	2	41,052,544	56,762,887	2	2	4	0
Case 1	2	56,764,646	56,764,646	2	1	3	0
Case 1	2	56,765,038	56,970,732	2	0	2	1
Case 1	2	56,983,615	56,988,751	2	1	3	0
Case 1	2	56,993,390	57,039,250	3	1	4	0
Case 1	2	57,040,068	57,399,830	3	2	5	0
Case 1	2	57,402,640	92,081,640	2	2	4	0
Case 1	2	95,429,424	95,700,730	2	2	4	0
Case 1	2	95,706,345	96,011,531	2	1	3	0
Case 1	2	96,023,664	100,899,665	2	2	4	0
Case 1	2	100,900,304	101,223,405	2	1	3	0
Case 1	2	101,227,896	101,578,542	2	2	4	0
Case 1	2	101,579,454	101,694,009	2	1	3	0
Case 1	2	101,696,649	102,774,988	2	2	4	0
Case 1	2	102,776,202	102,851,671	2	1	3	0
Case 1	2	102,851,708	131,100,288	2	2	4	0
Case 1	2	131,102,232	243,048,760	2	1	3	0
Case 1	3	61,495	60,496,302	1	1	2	0
Case 1	3	60,498,130	60,546,856	2	0	2	1
Case 1	3	60,547,602	60,775,460	1	0	1	0
Case 1	3	60,775,968	60,780,913	2	0	2	1
Case 1	3	60,788,842	68,417,939	1	1	2	0
Case 1	3	68,426,920	69,121,641	5	1	6	0
Case 1	3	69,125,881	75,345,050	1	1	2	0
Case 1	3	75,353,238	75,428,675	5	1	6	0
Case 1	3	75,453,100	76,910,718	1	1	2	0
Case 1	3	76,910,935	76,917,321	2	0	2	1

Case 1	3	76,917,552	76,972,804	1	0	1	0
Case 1	3	76,976,439	77,007,830	2	0	2	1
Case 1	3	77,008,129	90,442,925	1	1	2	0
Case 1	3	93,537,290	197,838,262	2	1	3	0
Case 1	4	71,566	75,174	2	2	4	0
Case 1	4	85,422	2,087,404	3	1	4	0
Case 1	4	2,097,595	2,172,826	2	1	3	0
Case 1	4	2,172,847	6,279,393	2	2	4	0
Case 1	4	6,279,409	6,303,878	2	1	3	0
Case 1	4	6,303,955	7,475,424	2	2	4	0
Case 1	4	7,478,631	49,620,898	2	1	3	0
Case 1	4	52,697,856	72,569,693	2	1	3	0
Case 1	4	72,578,724	72,629,648	2	2	4	0
Case 1	4	72,630,642	92,349,263	2	1	3	0
Case 1	4	92,350,342	98,414,540	3	1	4	0
Case 1	4	98,425,582	99,392,101	2	1	3	0
Case 1	4	99,399,748	99,952,710	3	1	4	0
Case 1	4	99,955,535	100,380,148	2	1	3	0
Case 1	4	100,391,104	103,455,347	3	1	4	0
Case 1	4	103,463,007	104,242,990	2	1	3	0
Case 1	4	104,245,131	106,483,898	3	1	4	0
Case 1	4	106,485,194	106,877,631	2	1	3	0
Case 1	4	106,880,251	108,618,232	3	1	4	0
Case 1	4	108,621,483	109,750,774	2	1	3	0
Case 1	4	109,754,899	110,048,492	3	1	4	0
Case 1	4	110,048,604	110,459,736	2	1	3	0
Case 1	4	110,461,523	111,426,341	3	1	4	0
Case 1	4	111,430,926	111,543,496	2	1	3	0
Case 1	4	111,545,323	114,201,353	3	1	4	0
Case 1	4	114,203,944	114,294,308	2	1	3	0
Case 1	4	114,294,462	119,595,364	3	1	4	0
Case 1	4	119,605,009	119,754,766	2	1	3	0
Case 1	4	119,761,678	121,958,425	3	1	4	0
Case 1	4	121,958,473	122,450,852	2	1	3	0
Case 1	4	122,451,829	123,614,762	3	1	4	0
Case 1	4	123,617,561	123,664,906	2	1	3	0
Case 1	4	123,664,919	126,234,727	3	1	4	0
Case 1	4	126,237,639	126,373,653	2	1	3	0
Case 1	4	126,373,789	128,391,591	3	1	4	0
Case 1	4	128,392,771	129,121,807	2	1	3	0
Case 1	4	129,121,810	130,376,388	3	1	4	0
Case 1	4	130,378,087	131,062,875	2	1	3	0
Case 1	4	131,063,868	140,782,542	3	1	4	0
Case 1	4	140,783,603	140,823,857	2	1	3	0
Case 1	4	140,824,428	141,310,226	3	1	4	0
Case 1	4	141,310,389	141,496,369	2	1	3	0
Case 1	4	141,496,486	144,480,231	3	1	4	0
Case 1	4	144,493,185	145,286,433	2	1	3	0
Case 1	4	145,293,039	149,356,352	3	1	4	0
Case 1	4	149,356,682	149,832,511	2	1	3	0
Case 1	4	149,841,708	151,504,638	3	1	4	0
Case 1	4	151,509,208	152,096,013	2	1	3	0
Case 1	4	152,096,094	153,669,404	3	1	4	0
Case 1	4	153,681,139	153,897,516	2	1	3	0
Case 1	4	153,897,567	154,474,931	3	1	4	0
Case 1	4	154,477,046	154,670,813	2	1	3	0
Case 1	4	154,673,127	155,055,498	3	1	4	0
Case 1	4	155,057,837	155,256,049	2	1	3	0
Case 1	4	155,256,125	155,533,035	3	1	4	0
Case 1	4	155,533,288	156,633,270	2	1	3	0
Case 1	4	156,635,309	159,460,722	3	1	4	0



Case 1	4	159,464,732	159,640,428	2	1	3	0
Case 1	4	159,642,576	159,866,785	3	1	4	0
Case 1	4	159,873,196	159,940,905	2	1	3	0
Case 1	4	159,943,696	165,214,649	3	1	4	0
Case 1	4	165,221,971	165,962,490	2	1	3	0
Case 1	4	165,964,290	169,336,811	3	1	4	0
Case 1	4	169,337,313	169,505,090	2	1	3	0
Case 1	4	169,506,877	170,848,562	3	1	4	0
Case 1	4	170,857,504	171,152,392	2	1	3	0
Case 1	4	171,163,418	177,006,484	3	1	4	0
Case 1	4	177,014,804	177,761,552	2	1	3	0
Case 1	4	177,767,619	178,337,145	3	1	4	0
Case 1	4	178,340,126	178,762,043	2	1	3	0
Case 1	4	178,770,448	179,929,454	3	1	4	0
Case 1	4	179,932,194	180,337,189	2	1	3	0
Case 1	4	180,339,842	180,652,005	3	1	4	0
Case 1	4	180,652,782	180,916,219	2	1	3	0
Case 1	4	180,917,828	181,598,141	3	1	4	0
Case 1	4	181,600,151	182,181,119	2	1	3	0
Case 1	4	182,182,652	182,733,805	3	1	4	0
Case 1	4	182,740,613	183,299,318	2	1	3	0
Case 1	4	183,301,064	183,591,707	3	1	4	0
Case 1	4	183,593,318	185,023,826	2	1	3	0
Case 1	4	185,024,257	185,549,217	3	1	4	0
Case 1	4	185,550,122	186,112,180	2	1	3	0
Case 1	4	186,112,208	186,313,557	3	1	4	0
Case 1	4	186,316,633	186,456,560	2	1	3	0
Case 1	4	186,459,026	186,746,956	3	1	4	0
Case 1	4	186,747,070	187,656,456	2	1	3	0
Case 1	4	187,661,911	188,646,845	3	1	4	0
Case 1	4	188,648,818	189,942,126	2	1	3	0
Case 1	4	189,949,002	190,137,076	3	1	4	0
Case 1	4	190,146,555	190,883,077	2	1	3	0
Case 1	4	190,903,682	190,963,766	3	1	4	0
Case 1	5	38,139	1,508,837	3	0	3	1
Case 1	5	1,517,198	5,437,380	4	0	4	1
Case 1	5	5,441,314	5,447,607	6	0	6	1
Case 1	5	5,449,333	5,514,031	3	0	3	1
Case 1	5	5,514,517	46,399,093	4	0	4	1
Case 1	5	49,457,282	52,163,091	1	0	1	0
Case 1	5	52,163,920	52,175,899	2	0	2	1
Case 1	5	52,178,056	52,727,875	1	0	1	0
Case 1	5	52,728,629	52,856,572	2	0	2	1
Case 1	5	52,856,797	53,562,303	1	0	1	0
Case 1	5	53,566,211	53,690,669	2	0	2	1
Case 1	5	53,693,147	53,729,982	1	0	1	0
Case 1	5	53,730,029	53,823,285	2	0	2	1
Case 1	5	53,824,374	55,147,418	1	0	1	0
Case 1	5	55,147,452	55,236,367	2	0	2	1
Case 1	5	55,236,374	55,308,631	1	0	1	0
Case 1	5	55,322,895	55,438,851	2	0	2	1
Case 1	5	55,439,718	55,568,487	1	0	1	0
Case 1	5	55,574,191	55,601,889	2	0	2	1
Case 1	5	55,603,036	55,730,683	1	0	1	0
Case 1	5	55,730,742	56,001,363	2	0	2	1
Case 1	5	56,009,012	56,727,379	1	0	1	0
Case 1	5	56,727,958	56,782,006	2	0	2	1
Case 1	5	56,785,096	60,542,486	1	0	1	0
Case 1	5	60,549,110	60,602,684	2	0	2	1
Case 1	5	60,603,462	60,850,467	1	0	1	0
Case 1	5	60,857,714	61,171,312	2	0	2	1

Case 1	5	61,172,759	63,244,622	1	0	1	0
Case 1	5	63,249,424	63,257,500	2	0	2	1
Case 1	5	63,257,540	65,533,655	1	0	1	0
Case 1	5	65,534,403	65,758,455	2	0	2	1
Case 1	5	65,758,773	66,478,626	1	0	1	0
Case 1	5	66,478,729	66,479,896	2	0	2	1
Case 1	5	66,480,051	67,714,246	1	0	1	0
Case 1	5	67,716,636	67,768,278	2	0	2	1
Case 1	5	67,768,380	68,715,310	1	0	1	0
Case 1	5	68,715,388	68,716,312	2	0	2	1
Case 1	5	68,720,419	70,895,499	1	0	1	0
Case 1	5	70,895,532	95,667,674	2	0	2	1
Case 1	5	95,678,301	95,746,355	3	0	3	1
Case 1	5	95,746,663	139,931,384	2	0	2	1
Case 1	5	139,931,607	139,931,740	1	0	1	0
Case 1	5	139,936,760	180,693,127	2	0	2	1
Case 1	6	108,666	5,312,080	1	1	2	0
Case 1	6	5,320,622	5,369,312	2	0	2	1
Case 1	6	5,371,349	5,488,980	1	0	1	0
Case 1	6	5,489,201	5,524,393	2	0	2	1
Case 1	6	5,531,253	5,615,321	1	0	1	0
Case 1	6	5,618,987	6,010,539	2	0	2	1
Case 1	6	6,012,391	6,132,722	1	0	1	0
Case 1	6	6,132,752	6,182,605	2	0	2	1
Case 1	6	6,184,352	6,476,278	1	0	1	0
Case 1	6	6,477,849	6,839,192	2	0	2	1
Case 1	6	6,841,023	6,906,508	1	0	1	0
Case 1	6	6,906,545	7,005,642	2	0	2	1
Case 1	6	7,008,678	7,231,237	1	0	1	0
Case 1	6	7,231,377	7,288,613	2	0	2	1
Case 1	6	7,289,166	7,574,852	1	0	1	0
Case 1	6	7,575,687	7,590,828	2	0	2	1
Case 1	6	7,593,990	7,890,272	1	0	1	0
Case 1	6	7,891,160	7,920,904	2	0	2	1
Case 1	6	7,924,658	9,479,015	1	0	1	0
Case 1	6	9,479,371	9,501,534	2	0	2	1
Case 1	6	9,501,859	10,270,377	1	0	1	0
Case 1	6	10,271,276	10,342,418	2	0	2	1
Case 1	6	10,343,701	10,395,572	1	0	1	0
Case 1	6	10,398,708	10,586,823	2	0	2	1
Case 1	6	10,586,929	10,730,877	1	0	1	0
Case 1	6	10,733,296	10,758,957	2	0	2	1
Case 1	6	10,762,997	10,775,600	1	0	1	0
Case 1	6	10,784,717	10,874,905	2	0	2	1
Case 1	6	10,875,070	11,103,537	1	0	1	0
Case 1	6	11,103,888	11,274,179	2	0	2	1
Case 1	6	11,274,670	11,325,777	1	0	1	0
Case 1	6	11,327,021	11,403,701	2	0	2	1
Case 1	6	11,412,916	11,620,846	1	0	1	0
Case 1	6	11,623,628	11,648,113	2	0	2	1
Case 1	6	11,650,140	11,690,213	1	0	1	0
Case 1	6	11,693,147	11,723,636	2	0	2	1
Case 1	6	11,723,832	11,730,612	1	0	1	0
Case 1	6	11,732,667	11,829,240	2	0	2	1
Case 1	6	11,834,200	11,930,487	1	0	1	0
Case 1	6	11,934,964	12,125,934	2	0	2	1
Case 1	6	12,125,972	12,159,699	1	0	1	0
Case 1	6	12,161,701	12,165,363	2	0	2	1
Case 1	6	12,167,286	12,213,473	1	0	1	0
Case 1	6	12,214,326	12,236,036	2	0	2	1
Case 1	6	12,240,805	12,294,621	1	0	1	0

Case 1	6	12,295,503	12,340,061	2	0	2	1
Case 1	6	12,341,753	12,401,910	1	0	1	0
Case 1	6	12,403,680	12,429,862	2	0	2	1
Case 1	6	12,437,137	12,558,110	1	0	1	0
Case 1	6	12,558,421	12,614,259	2	0	2	1
Case 1	6	12,616,984	13,196,011	1	0	1	0
Case 1	6	13,196,576	13,343,257	2	0	2	1
Case 1	6	13,343,870	13,436,619	1	0	1	0
Case 1	6	13,441,424	13,587,980	2	0	2	1
Case 1	6	13,588,577	14,040,480	1	0	1	0
Case 1	6	14,044,820	14,147,085	2	0	2	1
Case 1	6	14,149,263	14,355,492	1	0	1	0
Case 1	6	14,358,168	14,541,122	2	0	2	1
Case 1	6	14,545,779	14,618,137	1	0	1	0
Case 1	6	14,621,353	14,887,524	2	0	2	1
Case 1	6	14,894,076	15,408,528	1	0	1	0
Case 1	6	15,410,647	15,546,213	2	0	2	1
Case 1	6	15,547,476	15,986,282	1	0	1	0
Case 1	6	15,987,424	16,019,115	2	0	2	1
Case 1	6	16,025,120	16,237,843	1	0	1	0
Case 1	6	16,246,785	16,362,246	2	0	2	1
Case 1	6	16,362,388	16,921,131	1	0	1	0
Case 1	6	16,921,147	17,102,858	2	0	2	1
Case 1	6	17,103,517	18,441,067	1	0	1	0
Case 1	6	18,441,336	18,779,046	2	0	2	1
Case 1	6	18,781,294	19,992,265	1	0	1	0
Case 1	6	19,996,808	20,213,334	2	0	2	1
Case 1	6	20,226,668	21,212,926	1	0	1	0
Case 1	6	21,213,307	21,234,711	2	0	2	1
Case 1	6	21,236,547	21,347,410	1	0	1	0
Case 1	6	21,350,628	21,420,553	2	0	2	1
Case 1	6	21,427,143	21,701,841	1	0	1	0
Case 1	6	21,710,896	21,913,741	2	0	2	1
Case 1	6	21,921,026	24,100,190	1	0	1	0
Case 1	6	24,101,448	24,147,483	2	0	2	1
Case 1	6	24,147,572	24,412,567	1	0	1	0
Case 1	6	24,413,457	24,454,392	2	0	2	1
Case 1	6	24,456,822	24,554,762	1	0	1	0
Case 1	6	24,556,922	24,588,826	2	0	2	1
Case 1	6	24,588,884	25,325,408	1	0	1	0
Case 1	6	25,327,149	25,346,955	2	0	2	1
Case 1	6	25,347,733	25,488,583	1	0	1	0
Case 1	6	25,488,754	25,519,515	2	0	2	1
Case 1	6	25,520,038	25,589,165	1	0	1	0
Case 1	6	25,590,224	25,606,409	2	0	2	1
Case 1	6	25,606,442	25,699,999	1	0	1	0
Case 1	6	25,701,484	25,732,331	2	0	2	1
Case 1	6	25,736,678	25,770,239	1	0	1	0
Case 1	6	25,770,505	25,781,139	2	0	2	1
Case 1	6	25,783,315	25,953,684	1	0	1	0
Case 1	6	25,956,501	26,027,306	2	0	2	1
Case 1	6	26,027,380	26,087,736	1	0	1	0
Case 1	6	26,088,890	26,104,448	2	0	2	1
Case 1	6	26,106,237	26,373,740	1	0	1	0
Case 1	6	26,374,410	26,452,619	2	0	2	1
Case 1	6	26,453,642	26,456,069	1	0	1	0
Case 1	6	26,456,443	26,469,445	2	0	2	1
Case 1	6	26,469,866	26,662,626	1	0	1	0
Case 1	6	26,663,478	26,915,342	2	0	2	1
Case 1	6	26,922,906	27,108,811	1	0	1	0
Case 1	6	27,113,540	27,152,008	2	0	2	1

Case 1	6	27,153,829	28,568,528	1	0	1	0
Case 1	6	28,569,949	28,663,716	2	0	2	1
Case 1	6	28,664,631	28,687,542	1	0	1	0
Case 1	6	28,688,921	28,711,334	2	0	2	1
Case 1	6	28,712,663	28,857,269	1	0	1	0
Case 1	6	28,858,850	28,863,483	2	0	2	1
Case 1	6	28,864,849	28,904,162	1	1	2	0
Case 1	6	28,905,791	29,017,101	2	1	3	0
Case 1	6	29,021,017	29,031,142	2	0	2	1
Case 1	6	29,033,053	32,341,473	1	1	2	0
Case 1	6	32,341,719	32,369,488	2	0	2	1
Case 1	6	32,369,562	39,987,315	1	1	2	0
Case 1	6	39,999,149	39,999,149	2	1	3	0
Case 1	6	40,008,465	40,008,561	2	2	4	0
Case 1	6	40,019,311	40,310,573	4	0	4	1
Case 1	6	40,310,958	41,293,326	6	0	6	1
Case 1	6	41,296,090	42,240,369	5	0	5	1
Case 1	6	42,244,630	42,978,326	6	0	6	1
Case 1	6	42,978,622	42,978,622	3	0	3	1
Case 1	6	42,980,218	42,980,896	4	0	4	1
Case 1	6	42,981,032	44,278,885	5	0	5	1
Case 1	6	44,279,111	44,621,993	6	0	6	1
Case 1	6	44,622,298	44,622,298	3	0	3	1
Case 1	6	44,627,544	44,627,544	4	0	4	1
Case 1	6	44,628,216	44,655,191	5	0	5	1
Case 1	6	44,659,586	45,468,074	6	1	7	0
Case 1	6	45,480,010	46,656,191	4	1	5	0
Case 1	6	46,656,298	50,995,076	3	1	4	0
Case 1	6	50,997,085	58,752,089	2	1	3	0
Case 1	6	61,891,118	162,864,839	2	1	3	0
Case 1	6	162,866,295	162,874,140	2	0	2	1
Case 1	6	162,875,706	162,927,803	1	1	2	0
Case 1	6	162,928,898	170,980,171	2	1	3	0
Case 1	7	44,935	68,920	2	0	2	1
Case 1	7	83,185	2,715,373	2	1	3	0
Case 1	7	2,724,098	2,771,003	3	1	4	0
Case 1	7	2,771,120	6,870,917	2	1	3	0
Case 1	7	6,871,412	11,016,840	3	1	4	0
Case 1	7	11,022,095	11,607,706	2	2	4	0
Case 1	7	11,610,954	21,818,704	3	1	4	0
Case 1	7	21,818,707	21,858,215	2	1	3	0
Case 1	7	21,859,664	23,163,416	3	1	4	0
Case 1	7	23,164,701	23,561,416	2	1	3	0
Case 1	7	23,564,767	27,111,195	3	1	4	0
Case 1	7	27,118,974	27,238,913	2	1	3	0
Case 1	7	27,239,064	30,252,637	3	1	4	0
Case 1	7	30,255,901	30,541,032	2	1	3	0
Case 1	7	30,544,360	30,878,900	3	1	4	0
Case 1	7	30,878,916	31,730,800	2	1	3	0
Case 1	7	31,732,084	34,873,788	3	1	4	0
Case 1	7	34,874,038	35,277,426	2	1	3	0
Case 1	7	35,278,424	36,763,560	3	1	4	0
Case 1	7	36,763,657	37,436,854	2	1	3	0
Case 1	7	37,436,929	37,689,170	3	1	4	0
Case 1	7	37,689,851	40,158,527	2	2	4	0
Case 1	7	40,162,586	42,209,334	3	1	4	0
Case 1	7	42,210,825	42,456,634	2	1	3	0
Case 1	7	42,461,966	43,201,742	3	1	4	0
Case 1	7	43,202,662	43,781,905	2	1	3	0
Case 1	7	43,785,091	45,143,892	2	2	4	0
Case 1	7	45,145,332	46,006,544	2	1	3	0

Case 1	7	46,007,868	47,789,918	3	1	4	0
Case 1	7	47,790,912	48,313,003	2	1	3	0
Case 1	7	48,313,084	50,438,720	3	1	4	0
Case 1	7	50,442,726	50,514,670	2	1	3	0
Case 1	7	50,514,693	51,053,326	3	1	4	0
Case 1	7	51,057,161	51,152,961	2	1	3	0
Case 1	7	51,156,296	58,019,061	2	2	4	0
Case 1	7	61,056,053	63,778,717	2	2	4	0
Case 1	7	63,791,269	63,899,114	2	1	3	0
Case 1	7	63,910,447	79,136,577	2	2	4	0
Case 1	7	79,139,403	98,790,650	4	0	4	1
Case 1	7	98,790,669	99,725,631	6	0	6	1
Case 1	7	99,725,875	128,307,573	3	0	3	1
Case 1	7	128,308,813	128,515,846	4	0	4	1
Case 1	7	128,516,945	128,516,945	6	0	6	1
Case 1	7	128,517,183	129,441,536	3	0	3	1
Case 1	7	129,444,951	135,612,517	4	0	4	1
Case 1	7	135,613,116	137,104,148	5	0	5	1
Case 1	7	137,117,163	137,117,163	3	1	4	0
Case 1	7	137,117,796	137,131,588	5	0	5	1
Case 1	7	137,132,243	137,151,096	3	1	4	0
Case 1	7	137,156,237	137,213,552	2	2	4	0
Case 1	7	137,215,159	138,669,367	4	0	4	1
Case 1	7	138,673,567	138,987,711	6	0	6	1
Case 1	7	138,997,907	139,007,755	3	0	3	1
Case 1	7	139,025,094	139,546,615	4	0	4	1
Case 1	7	139,546,643	140,301,990	6	0	6	1
Case 1	7	140,316,236	141,101,902	7	0	7	1
Case 1	7	141,106,552	142,274,257	2	0	2	1
Case 1	7	142,275,743	142,492,130	3	0	3	1
Case 1	7	142,493,129	159,119,486	2	0	2	1
Case 1	8	164,984	9,775,516	1	1	2	0
Case 1	8	9,781,492	10,755,724	5	0	5	1
Case 1	8	10,755,749	13,832,286	3	1	4	0
Case 1	8	13,834,371	13,924,510	3	2	5	0
Case 1	8	13,925,268	13,937,395	2	2	4	0
Case 1	8	13,938,197	19,037,928	2	1	3	0
Case 1	8	19,039,163	19,039,163	2	0	2	1
Case 1	8	19,039,642	19,171,316	1	1	2	0
Case 1	8	19,174,166	43,791,691	2	1	3	0
Case 1	8	46,886,735	99,115,082	2	1	3	0
Case 1	8	99,115,359	101,629,875	2	2	4	0
Case 1	8	101,637,840	101,803,629	2	1	3	0
Case 1	8	101,806,147	104,333,838	2	2	4	0
Case 1	8	104,335,413	105,361,697	2	1	3	0
Case 1	8	105,361,724	110,305,674	2	2	4	0
Case 1	8	110,308,630	110,530,479	2	1	3	0
Case 1	8	110,530,525	124,085,043	2	2	4	0
Case 1	8	124,089,380	124,518,796	2	1	3	0
Case 1	8	124,520,424	125,031,615	2	2	4	0
Case 1	8	125,032,732	125,131,899	2	1	3	0
Case 1	8	125,132,008	125,457,705	2	2	4	0
Case 1	8	125,459,719	125,628,685	2	1	3	0
Case 1	8	125,628,928	129,534,673	2	2	4	0
Case 1	8	129,541,377	130,219,805	2	1	3	0
Case 1	8	130,224,721	133,141,960	2	2	4	0
Case 1	8	133,141,982	133,423,607	2	1	3	0
Case 1	8	133,424,083	133,690,193	2	2	4	0
Case 1	8	133,698,781	134,093,274	2	1	3	0
Case 1	8	134,094,976	135,409,616	2	2	4	0
Case 1	8	135,412,090	135,793,900	2	1	3	0

Case 1	8	135,794,496	138,020,661	2	2	4	0
Case 1	8	138,040,724	138,372,696	2	1	3	0
Case 1	8	138,376,355	138,905,296	2	2	4	0
Case 1	8	138,907,456	139,237,014	2	1	3	0
Case 1	8	139,240,445	139,686,706	2	2	4	0
Case 1	8	139,686,742	139,856,384	2	1	3	0
Case 1	8	139,859,313	140,232,935	2	2	4	0
Case 1	8	140,234,888	140,308,182	2	1	3	0
Case 1	8	140,309,909	140,590,599	2	2	4	0
Case 1	8	140,590,707	140,786,172	2	1	3	0
Case 1	8	140,788,299	140,857,481	2	2	4	0
Case 1	8	140,862,119	141,274,104	2	1	3	0
Case 1	8	141,275,157	142,221,680	2	2	4	0
Case 1	8	142,221,746	142,238,331	2	1	3	0
Case 1	8	142,239,210	142,367,024	2	2	4	0
Case 1	8	142,367,078	142,565,478	2	1	3	0
Case 1	8	142,566,426	143,038,945	2	2	4	0
Case 1	8	143,042,604	146,293,414	2	1	3	0
Case 1	9	46,587	43,314,125	2	0	2	1
Case 1	9	43,504,854	46,944,322	3	0	3	1
Case 1	9	65,629,772	141,066,491	3	0	3	1
Case 1	10	98,087	548,917	2	1	3	0
Case 1	10	552,355	858,033	2	2	4	0
Case 1	10	858,394	1,657,184	2	1	3	0
Case 1	10	1,661,213	1,868,349	2	2	4	0
Case 1	10	1,870,359	1,934,824	2	1	3	0
Case 1	10	1,942,800	2,530,583	2	2	4	0
Case 1	10	2,532,247	2,978,321	2	1	3	0
Case 1	10	2,979,537	3,031,753	2	2	4	0
Case 1	10	3,040,889	3,330,360	2	1	3	0
Case 1	10	3,330,587	3,771,779	2	2	4	0
Case 1	10	3,772,249	3,869,098	2	1	3	0
Case 1	10	3,872,876	4,061,039	2	2	4	0
Case 1	10	4,062,327	4,168,660	2	1	3	0
Case 1	10	4,169,040	4,526,742	2	2	4	0
Case 1	10	4,527,027	4,725,340	2	1	3	0
Case 1	10	4,728,091	5,130,610	2	2	4	0
Case 1	10	5,134,416	5,517,065	2	1	3	0
Case 1	10	5,522,332	5,681,783	2	2	4	0
Case 1	10	5,682,068	6,308,484	2	1	3	0
Case 1	10	6,309,175	6,534,592	2	2	4	0
Case 1	10	6,536,552	39,097,912	2	1	3	0
Case 1	10	42,436,301	72,292,441	2	1	3	0
Case 1	10	72,293,702	72,324,165	2	0	2	1
Case 1	10	72,326,344	72,511,639	3	0	3	1
Case 1	10	72,511,876	72,518,075	2	0	2	1
Case 1	10	72,518,536	77,081,848	2	1	3	0
Case 1	10	77,105,739	77,250,488	2	0	2	1
Case 1	10	77,255,355	91,465,167	2	1	3	0
Case 1	10	91,468,925	91,512,410	2	0	2	1
Case 1	10	91,514,423	133,963,537	2	1	3	0
Case 1	10	133,966,434	133,967,324	2	0	2	1
Case 1	10	133,970,443	135,215,032	1	1	2	0
Case 1	10	135,215,667	135,477,883	2	1	3	0
Case 1	11	193,146	4,613,366	2	0	2	1
Case 1	11	4,615,767	4,661,285	3	0	3	1
Case 1	11	4,661,298	15,596,416	2	0	2	1
Case 1	11	15,601,040	15,799,460	3	0	3	1
Case 1	11	15,801,938	17,415,261	2	0	2	1
Case 1	11	17,415,289	17,434,994	3	0	3	1
Case 1	11	17,435,214	19,349,935	2	0	2	1

Case 1	11	19,350,262	19,541,784	3	0	3	1
Case 1	11	19,546,471	48,181,601	2	0	2	1
Case 1	11	48,182,237	48,328,121	3	0	3	1
Case 1	11	48,328,174	50,697,498	2	0	2	1
Case 1	11	51,095,992	51,591,253	2	1	3	0
Case 1	11	54,794,237	68,506,246	2	1	3	0
Case 1	11	68,509,835	68,660,364	3	1	4	0
Case 1	11	68,660,393	104,532,836	2	1	3	0
Case 1	11	104,537,299	105,168,942	2	0	2	1
Case 1	11	105,200,258	113,313,389	2	1	3	0
Case 1	11	113,316,236	114,115,641	5	1	6	0
Case 1	11	114,117,921	134,934,063	2	0	2	1
Case 1	12	191,619	2,938,082	2	1	3	0
Case 1	12	2,940,015	3,109,873	2	0	2	1
Case 1	12	3,112,378	3,429,915	2	1	3	0
Case 1	12	3,430,368	4,830,000	2	0	2	1
Case 1	12	4,835,882	7,953,089	2	1	3	0
Case 1	12	7,954,051	8,018,538	2	0	2	1
Case 1	12	8,023,500	8,290,881	2	1	3	0
Case 1	12	8,291,122	8,709,213	2	0	2	1
Case 1	12	8,712,420	9,863,968	2	1	3	0
Case 1	12	9,869,271	10,251,445	2	0	2	1
Case 1	12	10,262,275	12,126,594	2	1	3	0
Case 1	12	12,127,785	14,809,278	2	0	2	1
Case 1	12	14,813,981	18,822,242	2	1	3	0
Case 1	12	18,827,044	18,889,271	2	0	2	1
Case 1	12	18,890,787	20,755,626	2	1	3	0
Case 1	12	20,755,963	21,011,481	2	0	2	1
Case 1	12	21,011,581	21,039,974	2	1	3	0
Case 1	12	21,041,634	21,466,232	2	0	2	1
Case 1	12	21,466,267	21,508,178	2	1	3	0
Case 1	12	21,508,230	21,630,795	2	0	2	1
Case 1	12	21,631,934	23,896,612	2	1	3	0
Case 1	12	23,904,029	24,394,579	2	0	2	1
Case 1	12	24,397,180	28,311,347	2	1	3	0
Case 1	12	28,312,593	28,574,825	2	0	2	1
Case 1	12	28,582,580	29,647,030	2	1	3	0
Case 1	12	29,648,191	29,665,037	2	0	2	1
Case 1	12	29,666,890	30,154,165	2	1	3	0
Case 1	12	30,157,592	30,243,631	2	0	2	1
Case 1	12	30,244,780	30,784,107	2	1	3	0
Case 1	12	30,784,840	30,886,435	2	0	2	1
Case 1	12	30,887,977	33,870,297	2	1	3	0
Case 1	12	33,901,640	34,117,408	2	0	2	1
Case 1	12	34,118,992	34,853,011	2	1	3	0
Case 1	12	37,876,400	43,846,199	2	1	3	0
Case 1	12	43,846,407	133,810,935	2	0	2	1
Case 1	13	19,058,717	114,110,407	3	0	3	1
Case 1	13	114,110,660	114,152,694	2	0	2	1
Case 1	13	114,152,730	115,103,529	3	0	3	1
Case 1	14	19,280,733	22,497,625	3	0	3	1
Case 1	14	22,498,019	22,959,592	4	0	4	1
Case 1	14	22,961,102	22,961,102	6	0	6	1
Case 1	14	22,963,646	54,574,131	3	0	3	1
Case 1	14	54,586,618	55,089,882	2	0	2	1
Case 1	14	55,092,680	55,245,149	3	0	3	1
Case 1	14	55,247,874	67,878,125	2	0	2	1
Case 1	14	67,878,384	67,997,223	3	0	3	1
Case 1	14	68,019,608	69,136,881	2	0	2	1
Case 1	14	69,138,371	69,310,512	3	0	3	1
Case 1	14	69,311,842	75,699,438	2	0	2	1

Case 1	14	75,701,390	75,989,286	3	0	3	1
Case 1	14	75,998,984	107,287,663	2	0	2	1
Case 1	15	20,034,919	34,671,124	2	1	3	0
Case 1	15	34,718,594	34,800,595	2	0	2	1
Case 1	15	34,871,296	102,461,162	2	1	3	0
Case 1	16	88,165	4,193,457	2	1	3	0
Case 1	16	4,194,688	4,359,421	2	2	4	0
Case 1	16	4,367,730	5,758,532	2	1	3	0
Case 1	16	5,762,949	6,089,495	2	2	4	0
Case 1	16	6,091,028	6,203,979	2	1	3	0
Case 1	16	6,204,533	6,581,321	2	2	4	0
Case 1	16	6,581,335	6,767,300	2	1	3	0
Case 1	16	6,768,998	7,158,554	2	2	4	0
Case 1	16	7,158,726	7,415,301	2	1	3	0
Case 1	16	7,415,552	7,607,112	2	2	4	0
Case 1	16	7,609,912	7,735,033	2	1	3	0
Case 1	16	7,735,550	7,797,809	2	2	4	0
Case 1	16	7,798,240	7,872,439	2	1	3	0
Case 1	16	7,873,934	8,876,620	2	2	4	0
Case 1	16	8,876,692	8,952,321	2	1	3	0
Case 1	16	8,952,524	9,661,713	2	2	4	0
Case 1	16	9,668,433	9,795,582	2	1	3	0
Case 1	16	9,797,639	10,161,226	2	2	4	0
Case 1	16	10,163,445	10,220,961	2	1	3	0
Case 1	16	10,221,351	10,453,397	2	2	4	0
Case 1	16	10,454,270	11,477,341	2	1	3	0
Case 1	16	11,477,757	11,769,948	2	2	4	0
Case 1	16	11,770,178	12,533,749	2	1	3	0
Case 1	16	12,536,294	12,798,661	2	2	4	0
Case 1	16	12,798,724	12,926,166	2	1	3	0
Case 1	16	12,932,528	14,274,366	2	2	4	0
Case 1	16	14,275,720	15,847,292	2	1	3	0
Case 1	16	15,850,204	16,126,764	2	2	4	0
Case 1	16	16,127,504	16,910,133	2	1	3	0
Case 1	16	16,910,953	17,200,425	2	2	4	0
Case 1	16	17,200,673	17,532,404	2	1	3	0
Case 1	16	17,536,505	18,224,820	2	2	4	0
Case 1	16	18,237,209	19,095,374	2	1	3	0
Case 1	16	19,109,992	19,619,446	2	2	4	0
Case 1	16	19,620,343	19,838,349	2	1	3	0
Case 1	16	19,842,735	20,043,227	2	2	4	0
Case 1	16	20,043,236	20,693,738	2	1	3	0
Case 1	16	20,694,965	20,952,098	2	2	4	0
Case 1	16	20,952,796	21,170,726	2	1	3	0
Case 1	16	21,171,873	21,260,162	2	2	4	0
Case 1	16	21,261,309	26,507,054	2	1	3	0
Case 1	16	26,507,611	26,961,257	2	2	4	0
Case 1	16	26,962,077	27,142,616	2	1	3	0
Case 1	16	27,145,134	27,245,152	2	2	4	0
Case 1	16	27,245,549	28,195,711	2	1	3	0
Case 1	16	28,203,272	28,338,263	2	2	4	0
Case 1	16	28,484,556	28,608,487	2	1	3	0
Case 1	16	28,615,243	28,620,752	5	1	6	0
Case 1	16	28,628,143	28,628,143	1	1	2	0
Case 1	16	28,630,188	29,910,725	2	1	3	0
Case 1	16	29,911,260	29,974,167	2	2	4	0
Case 1	16	29,974,797	35,285,582	2	1	3	0
Case 1	16	46,450,037	51,620,225	2	1	3	0
Case 1	16	51,623,435	51,866,261	3	1	4	0
Case 1	16	51,872,033	52,169,814	2	1	3	0
Case 1	16	52,175,900	52,532,355	3	1	4	0



Case 1	16	52,534,167	53,536,345	2	1	3	0
Case 1	16	53,537,423	53,922,822	3	1	4	0
Case 1	16	53,922,838	54,114,529	2	1	3	0
Case 1	16	54,114,824	54,294,206	3	1	4	0
Case 1	16	54,299,503	55,778,145	2	1	3	0
Case 1	16	55,778,836	55,866,937	3	1	4	0
Case 1	16	55,867,581	58,687,068	2	1	3	0
Case 1	16	58,688,876	59,745,602	3	1	4	0
Case 1	16	59,745,634	60,216,447	2	1	3	0
Case 1	16	60,227,786	60,494,345	3	1	4	0
Case 1	16	60,496,338	60,767,611	2	1	3	0
Case 1	16	60,768,007	62,718,064	3	1	4	0
Case 1	16	62,720,635	63,103,009	2	1	3	0
Case 1	16	63,103,583	64,760,841	3	1	4	0
Case 1	16	64,762,426	65,932,333	2	1	3	0
Case 1	16	65,935,438	66,329,568	3	1	4	0
Case 1	16	66,329,970	69,385,641	2	1	3	0
Case 1	16	69,390,938	69,646,122	3	1	4	0
Case 1	16	69,660,329	72,210,865	2	1	3	0
Case 1	16	72,214,276	72,754,901	3	1	4	0
Case 1	16	72,777,225	73,330,511	2	1	3	0
Case 1	16	73,331,408	74,085,326	3	1	4	0
Case 1	16	74,087,814	75,904,514	2	1	3	0
Case 1	16	75,922,170	76,476,160	3	1	4	0
Case 1	16	76,482,001	76,682,263	2	1	3	0
Case 1	16	76,699,169	77,019,087	3	1	4	0
Case 1	16	77,027,507	77,435,266	2	1	3	0
Case 1	16	77,439,612	77,567,809	3	1	4	0
Case 1	16	77,568,795	78,264,680	2	1	3	0
Case 1	16	78,265,836	79,112,450	3	1	4	0
Case 1	16	79,112,837	79,219,660	2	1	3	0
Case 1	16	79,221,892	79,520,553	3	1	4	0
Case 1	16	79,522,673	80,199,406	2	1	3	0
Case 1	16	80,202,969	80,970,327	3	1	4	0
Case 1	16	80,975,540	81,971,435	2	1	3	0
Case 1	16	81,971,582	81,989,484	3	1	4	0
Case 1	16	81,990,400	82,491,526	2	1	3	0
Case 1	16	82,493,355	82,828,137	3	1	4	0
Case 1	16	82,828,365	83,010,295	2	1	3	0
Case 1	16	83,012,842	83,196,443	3	1	4	0
Case 1	16	83,197,361	83,625,563	2	1	3	0
Case 1	16	83,626,088	83,767,908	3	1	4	0
Case 1	16	83,770,853	90,274,695	2	1	3	0
Case 1	17	11,885	2,341,373	2	0	2	1
Case 1	17	2,354,406	2,579,900	1	0	1	0
Case 1	17	2,586,229	3,111,580	2	0	2	1
Case 1	17	3,111,798	3,181,384	1	0	1	0
Case 1	17	3,186,455	3,337,960	2	0	2	1
Case 1	17	3,342,002	3,402,272	1	0	1	0
Case 1	17	3,402,294	3,953,083	2	0	2	1
Case 1	17	3,953,102	4,047,062	1	0	1	0
Case 1	17	4,047,227	4,098,747	2	0	2	1
Case 1	17	4,104,311	4,240,629	1	0	1	0
Case 1	17	4,242,178	4,460,445	2	0	2	1
Case 1	17	4,461,467	4,462,304	1	0	1	0
Case 1	17	4,462,895	5,358,671	2	0	2	1
Case 1	17	5,359,190	5,404,270	1	0	1	0
Case 1	17	5,415,287	5,600,025	2	0	2	1
Case 1	17	5,600,117	5,687,387	1	0	1	0
Case 1	17	5,687,717	5,728,122	2	0	2	1
Case 1	17	5,728,500	5,756,338	1	0	1	0

Case 1	17	5,757,530	16,282,238	2	0	2	1
Case 1	17	16,282,454	22,242,355	2	1	3	0
Case 1	17	25,268,142	81,060,040	2	1	3	0
Case 1	18	87,505	9,623,052	1	1	2	0
Case 1	18	9,625,750	9,846,033	2	1	3	0
Case 1	18	9,847,545	9,871,870	2	0	2	1
Case 1	18	9,871,956	12,056,850	1	1	2	0
Case 1	18	12,066,145	12,160,236	2	0	2	1
Case 1	18	12,211,483	15,375,878	1	1	2	0
Case 1	18	18,520,354	78,015,180	1	1	2	0
Case 1	19	260,912	8,285,607	1	1	2	0
Case 1	19	8,289,519	8,399,272	2	0	2	1
Case 1	19	8,399,458	12,244,624	1	1	2	0
Case 1	19	12,244,657	12,463,856	2	0	2	1
Case 1	19	12,474,388	20,495,521	1	1	2	0
Case 1	19	20,497,400	20,500,515	2	0	2	1
Case 1	19	20,626,179	20,701,612	1	0	1	0
Case 1	19	20,704,619	20,707,568	2	0	2	1
Case 1	19	20,715,228	22,846,788	1	1	2	0
Case 1	19	22,849,357	24,629,285	2	0	2	1
Case 1	19	27,732,159	28,246,742	2	0	2	1
Case 1	19	28,252,131	45,652,079	1	1	2	0
Case 1	19	45,655,303	59,097,160	2	1	3	0
Case 1	20	63,244	25,457,561	2	2	4	0
Case 1	20	25,457,690	26,293,985	3	1	4	0
Case 1	20	29,425,357	37,884,565	3	1	4	0
Case 1	20	37,905,431	38,872,419	3	2	5	0
Case 1	20	38,873,093	39,154,095	2	2	4	0
Case 1	20	39,156,173	50,648,464	3	1	4	0
Case 1	20	50,652,937	51,790,871	3	2	5	0
Case 1	20	51,793,036	51,800,587	2	2	4	0
Case 1	20	51,801,046	51,891,390	3	1	4	0
Case 1	20	51,891,748	54,465,775	3	2	5	0
Case 1	20	54,467,126	58,411,279	2	2	4	0
Case 1	20	58,411,580	58,413,101	3	1	4	0
Case 1	20	58,416,428	58,502,456	3	2	5	0
Case 1	20	58,502,648	59,080,798	2	2	4	0
Case 1	20	59,081,696	59,166,994	3	2	5	0
Case 1	20	59,168,069	62,948,788	2	2	4	0
Case 1	21	10,827,533	10,971,337	2	0	2	1
Case 1	21	14,368,320	48,100,155	2	0	2	1
Case 1	22	16,114,244	51,195,728	2	1	3	0
Case 2	1	82,154	16,359,717	3	1	4	0
Case 2	1	16,367,339	16,382,966	4	1	5	0
Case 2	1	16,386,391	17,273,371	3	1	4	0
Case 2	1	17,281,235	102,155,106	2	1	3	0
Case 2	1	102,159,783	102,229,920	1	1	2	0
Case 2	1	102,236,122	121,346,616	2	1	3	0
Case 2	1	142,649,718	144,866,688	2	1	3	0
Case 2	1	144,867,953	156,972,485	3	1	4	0
Case 2	1	156,992,753	157,467,562	4	1	5	0
Case 2	1	157,470,168	162,878,023	3	1	4	0
Case 2	1	162,879,819	163,090,421	4	1	5	0
Case 2	1	163,093,022	163,345,829	3	1	4	0
Case 2	1	163,348,444	163,842,961	4	1	5	0
Case 2	1	163,843,851	166,128,406	3	1	4	0
Case 2	1	166,130,218	166,709,642	4	1	5	0
Case 2	1	166,711,398	167,102,492	3	1	4	0
Case 2	1	167,103,023	167,597,473	4	1	5	0
Case 2	1	167,597,866	168,327,555	3	1	4	0
Case 2	1	168,329,363	168,907,072	4	1	5	0

Case 2	1	168,907,616	173,246,262	3	1	4	0
Case 2	1	173,249,439	173,381,535	4	1	5	0
Case 2	1	173,381,640	178,491,966	3	1	4	0
Case 2	1	178,492,635	179,757,536	4	1	5	0
Case 2	1	179,757,855	180,217,250	3	1	4	0
Case 2	1	180,218,442	180,564,513	4	1	5	0
Case 2	1	180,567,428	182,027,144	3	1	4	0
Case 2	1	182,039,442	182,420,448	4	1	5	0
Case 2	1	182,422,667	183,923,972	3	1	4	0
Case 2	1	183,925,087	184,352,288	4	1	5	0
Case 2	1	184,354,234	188,613,133	3	1	4	0
Case 2	1	188,617,210	189,653,244	4	1	5	0
Case 2	1	189,658,034	190,467,826	3	1	4	0
Case 2	1	190,472,727	249,218,992	4	1	5	0
Case 2	2	18,674	2,659,311	2	1	3	0
Case 2	2	2,662,292	2,850,880	2	2	4	0
Case 2	2	2,855,949	7,383,183	2	1	3	0
Case 2	2	7,383,538	7,437,247	2	2	4	0
Case 2	2	7,439,390	8,235,087	2	1	3	0
Case 2	2	8,235,239	8,458,707	2	2	4	0
Case 2	2	8,459,919	10,197,615	2	1	3	0
Case 2	2	10,198,113	11,159,080	2	2	4	0
Case 2	2	11,160,768	15,825,988	2	1	3	0
Case 2	2	15,826,700	16,079,754	2	2	4	0
Case 2	2	16,082,465	19,971,625	2	1	3	0
Case 2	2	19,973,210	20,095,690	2	2	4	0
Case 2	2	20,096,767	20,218,658	2	1	3	0
Case 2	2	20,224,999	20,428,737	2	2	4	0
Case 2	2	20,430,049	20,581,058	2	1	3	0
Case 2	2	20,590,635	20,829,962	2	2	4	0
Case 2	2	20,831,601	23,592,145	2	1	3	0
Case 2	2	23,595,352	23,898,317	2	2	4	0
Case 2	2	23,898,966	26,667,185	2	1	3	0
Case 2	2	26,667,592	26,750,758	2	2	4	0
Case 2	2	26,750,769	28,494,000	2	1	3	0
Case 2	2	28,498,321	28,716,955	2	2	4	0
Case 2	2	28,718,991	30,429,330	2	1	3	0
Case 2	2	30,429,735	30,581,981	2	2	4	0
Case 2	2	30,588,810	30,864,789	2	1	3	0
Case 2	2	30,865,048	31,301,634	2	2	4	0
Case 2	2	31,304,147	42,141,078	2	1	3	0
Case 2	2	42,141,473	42,398,473	2	2	4	0
Case 2	2	42,398,918	42,994,641	2	1	3	0
Case 2	2	42,994,647	43,450,138	2	2	4	0
Case 2	2	43,451,498	44,825,713	2	1	3	0
Case 2	2	44,826,068	45,405,049	2	2	4	0
Case 2	2	45,405,066	45,829,137	2	1	3	0
Case 2	2	45,831,537	46,709,571	2	2	4	0
Case 2	2	46,709,607	47,072,226	2	1	3	0
Case 2	2	47,072,414	47,288,001	2	2	4	0
Case 2	2	47,288,013	47,715,944	2	1	3	0
Case 2	2	47,721,328	47,803,729	2	2	4	0
Case 2	2	47,808,152	60,033,484	2	1	3	0
Case 2	2	60,039,819	60,295,277	2	2	4	0
Case 2	2	60,296,223	62,432,133	2	1	3	0
Case 2	2	62,438,681	62,816,083	2	2	4	0
Case 2	2	62,817,678	64,471,185	2	1	3	0
Case 2	2	64,471,352	64,663,169	2	2	4	0
Case 2	2	64,665,661	65,791,089	2	1	3	0
Case 2	2	65,791,581	66,361,926	2	2	4	0
Case 2	2	66,362,122	70,750,531	2	1	3	0

Case 2	2	70,752,195	70,945,251	2	2	4	0
Case 2	2	70,945,833	71,797,813	2	1	3	0
Case 2	2	71,797,818	72,405,665	2	2	4	0
Case 2	2	72,405,833	85,414,647	2	1	3	0
Case 2	2	85,420,124	85,554,265	2	2	4	0
Case 2	2	85,554,287	88,407,924	2	1	3	0
Case 2	2	88,407,936	88,846,961	2	2	4	0
Case 2	2	88,856,111	92,081,640	2	1	3	0
Case 2	2	95,429,424	97,494,340	2	1	3	0
Case 2	2	97,494,373	97,640,502	2	2	4	0
Case 2	2	97,643,576	101,205,999	2	1	3	0
Case 2	2	101,206,265	101,343,387	2	2	4	0
Case 2	2	101,343,638	102,574,838	2	1	3	0
Case 2	2	102,576,098	102,746,083	2	2	4	0
Case 2	2	102,746,276	105,713,689	2	1	3	0
Case 2	2	105,717,782	106,266,695	2	2	4	0
Case 2	2	106,269,399	109,848,994	2	1	3	0
Case 2	2	109,856,486	110,002,052	2	2	4	0
Case 2	2	110,004,170	113,789,641	2	1	3	0
Case 2	2	113,790,127	113,885,130	2	2	4	0
Case 2	2	113,885,322	120,933,298	2	1	3	0
Case 2	2	120,942,349	121,509,378	2	2	4	0
Case 2	2	121,513,197	121,915,252	2	1	3	0
Case 2	2	121,916,540	122,051,230	2	2	4	0
Case 2	2	122,055,684	127,422,593	2	1	3	0
Case 2	2	127,423,066	127,926,992	2	2	4	0
Case 2	2	127,927,050	129,045,765	2	1	3	0
Case 2	2	129,050,909	129,184,166	2	2	4	0
Case 2	2	129,184,866	153,654,720	2	1	3	0
Case 2	2	153,657,990	153,670,186	2	0	2	1
Case 2	2	153,675,592	153,781,648	1	0	1	0
Case 2	2	153,787,485	153,789,391	2	0	2	1
Case 2	2	153,811,011	159,558,658	2	1	3	0
Case 2	2	159,559,624	159,660,870	2	2	4	0
Case 2	2	159,661,485	172,935,634	2	1	3	0
Case 2	2	172,935,641	173,327,273	2	2	4	0
Case 2	2	173,332,115	187,167,278	2	1	3	0
Case 2	2	187,210,847	187,775,780	3	1	4	0
Case 2	2	187,778,830	205,114,083	2	1	3	0
Case 2	2	205,114,593	205,194,890	2	2	4	0
Case 2	2	205,204,850	208,169,592	2	1	3	0
Case 2	2	208,173,545	208,444,028	2	2	4	0
Case 2	2	208,454,151	217,070,248	2	1	3	0
Case 2	2	217,070,376	217,794,455	2	2	4	0
Case 2	2	217,799,675	218,683,397	2	1	3	0
Case 2	2	218,683,449	219,028,938	2	2	4	0
Case 2	2	219,028,997	224,945,517	2	1	3	0
Case 2	2	224,946,032	225,045,264	2	2	4	0
Case 2	2	225,047,744	231,521,950	2	1	3	0
Case 2	2	231,527,626	231,921,182	2	2	4	0
Case 2	2	231,931,799	233,067,382	2	1	3	0
Case 2	2	233,076,420	233,520,942	2	2	4	0
Case 2	2	233,523,075	234,694,177	2	1	3	0
Case 2	2	234,698,790	234,740,758	2	2	4	0
Case 2	2	234,741,808	234,961,435	2	1	3	0
Case 2	2	234,962,085	235,325,268	2	2	4	0
Case 2	2	235,326,552	236,150,508	2	1	3	0
Case 2	2	236,152,504	236,320,610	2	2	4	0
Case 2	2	236,322,756	238,498,996	2	1	3	0
Case 2	2	238,499,444	238,571,499	2	2	4	0
Case 2	2	238,574,426	243,048,760	2	1	3	0

Case 2	3	61,495	2,146,913	3	0	3	1
Case 2	3	2,150,400	2,264,609	3	1	4	0
Case 2	3	2,266,520	2,844,699	3	0	3	1
Case 2	3	2,845,843	2,895,719	3	1	4	0
Case 2	3	2,895,810	3,556,810	2	1	3	0
Case 2	3	3,556,881	3,792,945	3	1	4	0
Case 2	3	3,796,045	4,041,690	3	0	3	1
Case 2	3	4,045,707	4,148,058	3	1	4	0
Case 2	3	4,149,176	4,532,469	3	0	3	1
Case 2	3	4,534,629	5,184,958	3	1	4	0
Case 2	3	5,191,756	5,340,620	3	0	3	1
Case 2	3	5,343,801	5,648,291	3	1	4	0
Case 2	3	5,654,382	7,509,265	3	0	3	1
Case 2	3	7,510,856	8,542,278	3	1	4	0
Case 2	3	8,546,102	8,738,790	3	0	3	1
Case 2	3	8,745,085	8,841,641	3	1	4	0
Case 2	3	8,848,916	9,034,724	3	0	3	1
Case 2	3	9,039,469	9,225,376	3	1	4	0
Case 2	3	9,227,644	9,724,926	3	0	3	1
Case 2	3	9,726,588	9,934,231	3	1	4	0
Case 2	3	9,934,605	10,332,365	3	0	3	1
Case 2	3	10,334,532	11,206,966	3	1	4	0
Case 2	3	11,211,338	11,568,144	3	0	3	1
Case 2	3	11,578,151	12,395,958	3	1	4	0
Case 2	3	12,398,636	13,018,488	2	1	3	0
Case 2	3	13,025,899	13,313,582	3	1	4	0
Case 2	3	13,315,549	13,535,631	3	0	3	1
Case 2	3	13,537,240	13,649,339	3	1	4	0
Case 2	3	13,649,762	13,825,666	3	0	3	1
Case 2	3	13,826,854	14,928,335	3	1	4	0
Case 2	3	14,932,156	15,480,726	3	0	3	1
Case 2	3	15,483,830	15,624,390	3	1	4	0
Case 2	3	15,624,419	16,480,827	3	0	3	1
Case 2	3	16,485,219	16,625,048	3	1	4	0
Case 2	3	16,627,187	16,684,658	3	0	3	1
Case 2	3	16,686,195	16,862,873	3	1	4	0
Case 2	3	16,866,253	16,866,253	3	0	3	1
Case 2	3	16,874,088	17,346,355	2	1	3	0
Case 2	3	17,347,056	18,603,113	3	0	3	1
Case 2	3	18,604,810	18,808,580	3	1	4	0
Case 2	3	18,812,072	20,079,878	3	0	3	1
Case 2	3	20,080,132	20,162,216	3	1	4	0
Case 2	3	20,164,175	20,693,062	3	0	3	1
Case 2	3	20,695,652	20,767,286	3	1	4	0
Case 2	3	20,772,716	21,647,818	3	0	3	1
Case 2	3	21,650,537	21,771,710	3	1	4	0
Case 2	3	21,771,769	22,383,444	3	0	3	1
Case 2	3	22,385,375	22,476,773	3	1	4	0
Case 2	3	22,482,089	22,973,863	3	0	3	1
Case 2	3	22,983,152	23,125,668	3	1	4	0
Case 2	3	23,126,649	23,474,611	3	0	3	1
Case 2	3	23,483,536	23,976,031	3	1	4	0
Case 2	3	23,980,440	24,043,710	2	1	3	0
Case 2	3	24,044,111	24,282,982	3	1	4	0
Case 2	3	24,284,924	24,357,082	3	0	3	1
Case 2	3	24,357,243	25,648,865	3	1	4	0
Case 2	3	25,650,812	26,631,359	3	0	3	1
Case 2	3	26,633,278	27,188,306	3	1	4	0
Case 2	3	27,199,604	29,312,810	3	0	3	1
Case 2	3	29,319,042	29,376,770	3	1	4	0
Case 2	3	29,377,989	29,992,733	3	0	3	1

Case 2	3	29,993,977	30,594,586	3	1	4	0
Case 2	3	30,606,591	31,030,755	3	0	3	1
Case 2	3	31,039,428	31,551,780	3	1	4	0
Case 2	3	31,554,627	31,922,955	3	0	3	1
Case 2	3	31,926,807	31,989,487	3	1	4	0
Case 2	3	31,989,920	32,359,009	3	0	3	1
Case 2	3	32,362,998	32,996,509	3	1	4	0
Case 2	3	33,000,768	33,644,497	3	0	3	1
Case 2	3	33,648,715	34,824,653	3	1	4	0
Case 2	3	34,824,952	36,239,406	3	0	3	1
Case 2	3	36,240,905	36,694,732	3	1	4	0
Case 2	3	36,701,434	38,042,947	3	0	3	1
Case 2	3	38,042,993	38,206,906	3	1	4	0
Case 2	3	38,224,533	38,357,156	3	0	3	1
Case 2	3	38,357,175	38,599,037	3	1	4	0
Case 2	3	38,602,855	39,005,889	3	0	3	1
Case 2	3	39,016,788	39,111,140	3	1	4	0
Case 2	3	39,118,104	39,225,442	3	0	3	1
Case 2	3	39,225,585	39,891,794	3	1	4	0
Case 2	3	39,895,642	40,087,181	3	0	3	1
Case 2	3	40,088,077	40,519,532	3	1	4	0
Case 2	3	40,523,409	41,063,760	2	1	3	0
Case 2	3	41,065,413	41,457,654	3	1	4	0
Case 2	3	41,458,709	42,067,669	2	1	3	0
Case 2	3	42,073,957	42,573,022	3	1	4	0
Case 2	3	42,577,733	42,684,016	3	0	3	1
Case 2	3	42,689,777	43,248,393	3	1	4	0
Case 2	3	43,250,297	44,929,195	2	1	3	0
Case 2	3	44,929,287	45,403,826	3	1	4	0
Case 2	3	45,405,467	45,604,159	3	0	3	1
Case 2	3	45,606,651	45,837,875	3	1	4	0
Case 2	3	45,837,886	46,101,257	3	0	3	1
Case 2	3	46,101,371	46,179,868	3	1	4	0
Case 2	3	46,180,416	46,586,179	2	1	3	0
Case 2	3	46,586,534	49,760,062	3	0	3	1
Case 2	3	49,760,065	49,927,459	3	1	4	0
Case 2	3	49,927,503	50,172,397	3	0	3	1
Case 2	3	50,174,197	50,597,092	3	1	4	0
Case 2	3	50,598,400	52,547,929	3	0	3	1
Case 2	3	52,548,189	59,912,933	3	1	4	0
Case 2	3	59,916,314	60,105,329	2	1	3	0
Case 2	3	60,106,852	60,152,583	3	1	4	0
Case 2	3	60,159,463	60,276,722	3	0	3	1
Case 2	3	60,277,771	60,364,830	3	1	4	0
Case 2	3	60,370,362	60,554,521	2	0	2	1
Case 2	3	60,557,685	60,788,842	2	1	3	0
Case 2	3	60,792,282	61,168,215	3	1	4	0
Case 2	3	61,176,788	61,190,420	2	0	2	1
Case 2	3	61,205,741	61,205,741	3	0	3	1
Case 2	3	61,205,924	61,708,608	3	1	4	0
Case 2	3	61,712,041	61,853,342	3	0	3	1
Case 2	3	61,853,529	76,633,507	3	1	4	0
Case 2	3	76,636,887	77,651,985	2	1	3	0
Case 2	3	77,666,778	78,144,437	3	1	4	0
Case 2	3	78,161,505	80,354,251	2	1	3	0
Case 2	3	80,355,773	82,920,077	3	1	4	0
Case 2	3	82,922,156	84,785,549	2	1	3	0
Case 2	3	84,790,582	90,442,925	3	1	4	0
Case 2	3	93,537,290	97,919,363	3	1	4	0
Case 2	3	97,935,125	98,110,303	3	0	3	1
Case 2	3	98,110,363	100,976,375	3	1	4	0

Case 2	3	100,976,613	107,527,596	3	0	3	1
Case 2	3	107,538,740	107,763,040	4	0	4	1
Case 2	3	107,765,392	115,462,762	3	0	3	1
Case 2	3	115,478,263	116,039,842	4	0	4	1
Case 2	3	116,041,338	119,350,324	3	0	3	1
Case 2	3	119,353,185	119,426,311	4	0	4	1
Case 2	3	119,426,409	121,251,934	3	0	3	1
Case 2	3	121,252,048	121,412,618	3	1	4	0
Case 2	3	121,412,702	121,514,161	3	0	3	1
Case 2	3	121,516,059	144,698,368	3	1	4	0
Case 2	3	144,701,909	145,095,986	3	0	3	1
Case 2	3	145,102,498	174,231,077	3	1	4	0
Case 2	3	174,241,461	176,149,354	4	1	5	0
Case 2	3	176,150,365	184,549,539	2	1	3	0
Case 2	3	184,550,501	184,910,133	2	0	2	1
Case 2	3	184,910,136	185,079,487	3	0	3	1
Case 2	3	185,087,708	185,786,406	2	0	2	1
Case 2	3	185,795,855	186,107,980	3	0	3	1
Case 2	3	186,108,018	187,251,425	2	0	2	1
Case 2	3	187,264,516	187,924,902	3	0	3	1
Case 2	3	187,930,047	193,581,231	2	0	2	1
Case 2	3	193,581,469	194,110,884	3	0	3	1
Case 2	3	194,112,249	194,521,981	2	0	2	1
Case 2	3	194,522,048	194,564,931	3	0	3	1
Case 2	3	194,574,108	194,669,375	2	0	2	1
Case 2	3	194,669,416	194,987,569	3	0	3	1
Case 2	3	194,990,363	195,264,241	2	0	2	1
Case 2	3	195,269,749	197,838,262	2	1	3	0
Case 2	4	71,566	639,670	2	0	2	1
Case 2	4	640,165	947,035	3	0	3	1
Case 2	4	949,214	985,296	2	0	2	1
Case 2	4	985,310	1,563,920	3	0	3	1
Case 2	4	1,566,164	1,944,099	2	0	2	1
Case 2	4	1,947,324	2,106,836	3	0	3	1
Case 2	4	2,129,906	2,306,871	2	0	2	1
Case 2	4	2,306,896	2,956,258	3	0	3	1
Case 2	4	2,956,290	3,270,488	2	0	2	1
Case 2	4	3,283,422	3,430,406	3	0	3	1
Case 2	4	3,430,862	3,446,513	2	0	2	1
Case 2	4	3,447,042	3,875,234	3	0	3	1
Case 2	4	3,881,341	4,346,237	2	0	2	1
Case 2	4	4,346,427	4,984,192	3	0	3	1
Case 2	4	4,985,810	5,112,978	2	0	2	1
Case 2	4	5,115,426	5,216,885	3	0	3	1
Case 2	4	5,218,136	5,827,079	2	0	2	1
Case 2	4	5,830,233	7,074,583	3	0	3	1
Case 2	4	7,084,835	8,218,727	4	0	4	1
Case 2	4	8,218,737	9,714,968	3	0	3	1
Case 2	4	9,722,133	10,413,908	4	0	4	1
Case 2	4	10,419,465	10,419,465	3	0	3	1
Case 2	4	10,424,323	11,267,586	2	0	2	1
Case 2	4	11,273,101	11,674,661	3	0	3	1
Case 2	4	11,677,334	13,600,910	2	0	2	1
Case 2	4	13,600,953	13,603,200	3	0	3	1
Case 2	4	13,603,373	15,982,480	2	0	2	1
Case 2	4	15,983,317	16,531,797	3	0	3	1
Case 2	4	16,533,376	16,650,090	2	0	2	1
Case 2	4	16,656,578	16,801,041	3	0	3	1
Case 2	4	16,822,918	24,353,666	2	0	2	1
Case 2	4	24,358,657	24,489,441	3	0	3	1
Case 2	4	24,493,051	24,886,099	2	0	2	1

Case 2	4	24,891,384	25,114,664	3	0	3	1
Case 2	4	25,119,575	25,571,044	2	0	2	1
Case 2	4	25,575,537	25,676,167	3	0	3	1
Case 2	4	25,676,253	25,729,059	2	0	2	1
Case 2	4	25,730,546	26,163,108	3	0	3	1
Case 2	4	26,163,751	26,457,487	2	0	2	1
Case 2	4	26,460,048	26,585,881	3	0	3	1
Case 2	4	26,591,253	35,538,439	2	0	2	1
Case 2	4	35,554,589	37,592,249	4	2	6	0
Case 2	4	37,592,369	39,409,066	4	1	5	0
Case 2	4	39,414,993	40,905,726	6	1	7	0
Case 2	4	40,913,247	40,913,247	2	0	2	1
Case 2	4	40,916,975	41,066,388	3	0	3	1
Case 2	4	41,070,095	49,620,898	2	0	2	1
Case 2	4	52,697,856	57,173,713	2	0	2	1
Case 2	4	57,173,735	57,182,667	3	0	3	1
Case 2	4	57,182,709	57,549,528	2	0	2	1
Case 2	4	57,549,583	57,786,450	3	0	3	1
Case 2	4	57,791,864	57,909,291	2	0	2	1
Case 2	4	57,910,214	58,104,571	3	0	3	1
Case 2	4	58,105,295	77,357,747	2	0	2	1
Case 2	4	77,359,677	77,734,939	3	0	3	1
Case 2	4	77,735,406	78,106,441	2	0	2	1
Case 2	4	78,115,334	78,346,794	3	0	3	1
Case 2	4	78,349,135	91,516,422	2	0	2	1
Case 2	4	91,524,285	91,607,363	4	0	4	1
Case 2	4	91,630,043	99,387,827	2	0	2	1
Case 2	4	99,392,101	99,551,907	3	0	3	1
Case 2	4	99,555,740	124,316,684	2	0	2	1
Case 2	4	124,320,924	128,023,339	3	0	3	1
Case 2	4	128,046,856	155,364,486	3	1	4	0
Case 2	4	155,371,246	155,786,387	2	0	2	1
Case 2	4	155,790,646	155,867,729	4	1	5	0
Case 2	4	155,886,241	159,076,826	6	1	7	0
Case 2	4	159,076,944	159,076,944	2	0	2	1
Case 2	4	159,076,972	160,609,723	5	1	6	0
Case 2	4	160,628,006	169,419,690	1	1	2	0
Case 2	4	169,419,849	169,439,902	2	1	3	0
Case 2	4	169,448,628	171,163,569	1	1	2	0
Case 2	4	171,167,671	171,193,885	2	1	3	0
Case 2	4	171,203,364	183,709,536	1	1	2	0
Case 2	4	183,709,842	183,849,605	2	1	3	0
Case 2	4	183,850,395	185,311,570	1	1	2	0
Case 2	4	185,312,355	185,496,578	2	1	3	0
Case 2	4	185,510,238	185,804,364	1	1	2	0
Case 2	4	185,804,494	185,979,298	2	1	3	0
Case 2	4	185,981,436	187,390,861	1	1	2	0
Case 2	4	187,391,215	187,521,168	2	1	3	0
Case 2	4	187,521,435	187,538,330	1	1	2	0
Case 2	4	187,538,942	187,549,473	2	1	3	0
Case 2	4	187,549,725	190,963,766	1	1	2	0
Case 2	5	38,139	7,909,907	5	0	5	1
Case 2	5	7,911,043	8,189,299	6	0	6	1
Case 2	5	8,189,392	11,548,050	5	0	5	1
Case 2	5	11,548,147	13,604,919	6	0	6	1
Case 2	5	13,604,996	13,876,926	5	0	5	1
Case 2	5	13,878,843	14,360,436	6	0	6	1
Case 2	5	14,363,446	14,509,966	5	0	5	1
Case 2	5	14,514,308	16,605,738	6	0	6	1
Case 2	5	16,607,196	16,713,465	5	0	5	1
Case 2	5	16,721,306	31,511,467	6	0	6	1



Case 2	5	31,514,231	32,145,957	5	0	5	1
Case 2	5	32,146,492	33,831,305	6	0	6	1
Case 2	5	33,831,355	33,988,445	5	0	5	1
Case 2	5	33,988,581	34,819,280	6	0	6	1
Case 2	5	34,821,825	35,097,169	5	0	5	1
Case 2	5	35,101,178	37,814,148	6	0	6	1
Case 2	5	37,815,756	38,496,637	5	0	5	1
Case 2	5	38,506,031	39,320,143	6	0	6	1
Case 2	5	39,325,342	39,397,132	5	0	5	1
Case 2	5	39,415,860	40,386,555	6	0	6	1
Case 2	5	40,389,129	40,445,681	5	0	5	1
Case 2	5	40,456,902	40,456,902	6	0	6	1
Case 2	5	40,467,272	46,399,093	7	0	7	1
Case 2	5	49,457,282	58,296,165	3	0	3	1
Case 2	5	58,301,611	58,301,611	2	0	2	1
Case 2	5	58,313,560	58,511,501	0	0	0	0
Case 2	5	58,515,481	58,515,481	2	0	2	1
Case 2	5	58,520,735	70,805,683	3	0	3	1
Case 2	5	70,805,962	70,848,961	2	0	2	1
Case 2	5	70,848,983	79,704,614	3	0	3	1
Case 2	5	79,721,720	79,773,132	2	0	2	1
Case 2	5	79,774,171	84,192,194	3	0	3	1
Case 2	5	84,195,407	84,863,244	2	0	2	1
Case 2	5	84,868,447	88,196,003	3	0	3	1
Case 2	5	88,215,594	88,416,354	2	0	2	1
Case 2	5	88,421,363	88,746,405	3	0	3	1
Case 2	5	88,747,297	88,984,629	2	0	2	1
Case 2	5	88,994,840	98,192,095	3	0	3	1
Case 2	5	98,192,154	98,258,933	2	0	2	1
Case 2	5	98,267,115	100,065,714	3	0	3	1
Case 2	5	100,071,459	101,035,851	2	0	2	1
Case 2	5	101,039,904	103,761,407	3	0	3	1
Case 2	5	103,766,994	105,135,112	2	0	2	1
Case 2	5	105,139,420	108,698,712	3	0	3	1
Case 2	5	108,704,336	108,911,162	2	0	2	1
Case 2	5	108,921,039	109,798,056	3	0	3	1
Case 2	5	109,802,199	109,974,026	2	0	2	1
Case 2	5	109,974,582	128,311,685	3	0	3	1
Case 2	5	128,313,024	128,368,883	2	0	2	1
Case 2	5	128,373,968	151,921,873	3	0	3	1
Case 2	5	151,929,836	153,633,682	4	0	4	1
Case 2	5	153,638,793	164,071,553	3	0	3	1
Case 2	5	164,088,373	164,360,499	2	0	2	1
Case 2	5	164,368,235	180,693,127	3	0	3	1
Case 2	6	108,666	58,752,089	3	1	4	0
Case 2	6	61,891,118	170,980,171	3	1	4	0
Case 2	7	44,935	8,044,483	2	1	3	0
Case 2	7	8,055,664	8,113,312	1	1	2	0
Case 2	7	8,113,751	8,802,582	2	1	3	0
Case 2	7	8,806,028	8,968,422	1	1	2	0
Case 2	7	8,968,569	9,154,681	2	1	3	0
Case 2	7	9,157,560	9,387,898	1	1	2	0
Case 2	7	9,388,118	13,567,908	2	1	3	0
Case 2	7	13,569,530	33,384,197	3	0	3	1
Case 2	7	33,384,201	33,914,560	4	0	4	1
Case 2	7	33,924,423	38,298,285	3	0	3	1
Case 2	7	38,313,248	38,364,289	3	1	4	0
Case 2	7	38,367,259	46,242,583	3	0	3	1
Case 2	7	46,246,580	48,984,046	4	0	4	1
Case 2	7	48,985,673	49,604,838	3	0	3	1
Case 2	7	49,613,268	50,057,870	3	1	4	0

Case 2	7	50,070,873	51,208,903	2	1	3	0
Case 2	7	51,213,607	51,703,325	2	2	4	0
Case 2	7	51,706,830	58,019,061	2	1	3	0
Case 2	7	61,056,053	70,434,205	2	1	3	0
Case 2	7	70,449,956	70,788,156	2	0	2	1
Case 2	7	70,798,935	77,558,607	2	1	3	0
Case 2	7	77,562,294	77,711,083	2	2	4	0
Case 2	7	77,711,290	94,941,415	2	1	3	0
Case 2	7	94,941,820	95,029,767	2	2	4	0
Case 2	7	95,030,632	121,356,943	2	1	3	0
Case 2	7	121,373,997	128,494,257	3	0	3	1
Case 2	7	128,494,730	128,597,587	3	1	4	0
Case 2	7	128,597,804	134,896,167	2	1	3	0
Case 2	7	134,913,049	135,043,388	2	2	4	0
Case 2	7	135,045,786	155,657,469	2	1	3	0
Case 2	7	155,657,480	155,825,162	2	2	4	0
Case 2	7	155,826,004	156,772,542	2	1	3	0
Case 2	7	156,778,615	156,883,839	2	2	4	0
Case 2	7	156,885,979	159,119,486	2	1	3	0
Case 2	8	164,984	2,150,224	5	1	6	0
Case 2	8	2,151,798	2,158,537	2	0	2	1
Case 2	8	2,163,403	2,289,839	4	1	5	0
Case 2	8	2,290,039	5,217,751	6	1	7	0
Case 2	8	5,218,198	5,218,198	2	0	2	1
Case 2	8	5,220,317	11,141,330	5	1	6	0
Case 2	8	11,142,437	12,181,277	7	0	7	1
Case 2	8	12,483,094	12,511,866	3	0	3	1
Case 2	8	12,545,638	13,625,816	3	1	4	0
Case 2	8	13,628,490	13,937,395	4	1	5	0
Case 2	8	13,938,197	14,090,481	3	1	4	0
Case 2	8	14,091,774	14,492,121	4	1	5	0
Case 2	8	14,494,946	43,791,691	3	1	4	0
Case 2	8	46,886,735	47,060,602	3	1	4	0
Case 2	8	47,060,977	79,262,741	4	1	5	0
Case 2	8	79,270,433	79,707,140	3	1	4	0
Case 2	8	79,709,926	79,871,922	4	1	5	0
Case 2	8	79,873,935	80,364,499	3	1	4	0
Case 2	8	80,380,011	139,614,436	4	1	5	0
Case 2	8	139,620,049	139,778,880	3	1	4	0
Case 2	8	139,781,866	144,124,609	4	1	5	0
Case 2	8	144,126,087	144,416,928	3	1	4	0
Case 2	8	144,420,930	144,920,886	4	1	5	0
Case 2	8	144,927,272	144,943,196	3	1	4	0
Case 2	8	144,943,223	145,919,126	4	1	5	0
Case 2	8	145,926,632	146,293,414	3	1	4	0
Case 2	9	46,587	4,939,569	2	1	3	0
Case 2	9	4,939,850	5,339,664	2	0	2	1
Case 2	9	5,339,688	8,388,220	2	1	3	0
Case 2	9	8,390,467	8,423,755	1	1	2	0
Case 2	9	8,428,249	9,043,421	2	1	3	0
Case 2	9	9,045,011	9,066,755	2	0	2	1
Case 2	9	9,069,839	9,632,921	2	1	3	0
Case 2	9	9,638,432	9,862,282	2	0	2	1
Case 2	9	9,863,227	10,057,995	2	1	3	0
Case 2	9	10,061,106	10,240,428	2	0	2	1
Case 2	9	10,246,635	10,447,115	2	1	3	0
Case 2	9	10,448,624	10,530,953	2	0	2	1
Case 2	9	10,531,641	10,928,314	2	1	3	0
Case 2	9	10,928,755	11,075,772	2	0	2	1
Case 2	9	11,083,426	11,967,114	2	1	3	0
Case 2	9	11,969,789	12,177,583	2	0	2	1

Case 2	9	12,178,059	17,147,702	2	1	3	0
Case 2	9	17,158,245	17,524,038	2	0	2	1
Case 2	9	17,531,968	23,226,243	2	1	3	0
Case 2	9	23,231,298	23,407,386	1	1	2	0
Case 2	9	23,407,435	24,502,737	2	1	3	0
Case 2	9	24,505,123	25,539,330	2	0	2	1
Case 2	9	25,540,603	26,978,259	2	1	3	0
Case 2	9	26,984,277	26,984,277	2	0	2	1
Case 2	9	26,993,755	27,066,281	1	1	2	0
Case 2	9	27,074,233	28,799,706	2	1	3	0
Case 2	9	28,801,138	29,032,248	1	1	2	0
Case 2	9	29,042,229	29,297,803	2	1	3	0
Case 2	9	29,302,701	29,350,462	2	0	2	1
Case 2	9	29,350,850	29,448,530	2	1	3	0
Case 2	9	29,457,656	29,626,137	2	0	2	1
Case 2	9	29,630,811	29,796,667	2	1	3	0
Case 2	9	29,800,646	30,915,973	2	0	2	1
Case 2	9	30,918,764	46,944,322	2	1	3	0
Case 2	9	65,629,772	79,827,894	2	1	3	0
Case 2	9	79,829,278	80,010,025	2	0	2	1
Case 2	9	80,014,376	83,333,731	2	1	3	0
Case 2	9	83,340,723	83,429,265	2	0	2	1
Case 2	9	83,429,615	99,521,123	2	1	3	0
Case 2	9	99,521,136	99,625,063	1	1	2	0
Case 2	9	99,651,444	105,704,669	2	1	3	0
Case 2	9	105,706,469	105,767,437	2	0	2	1
Case 2	9	105,767,464	134,247,571	2	1	3	0
Case 2	9	134,254,451	141,066,491	3	0	3	1
Case 2	10	98,087	39,097,912	3	1	4	0
Case 2	10	42,436,301	135,477,883	3	1	4	0
Case 2	11	193,146	2,076,043	2	1	3	0
Case 2	11	2,087,220	2,170,548	3	1	4	0
Case 2	11	2,171,601	3,741,989	2	1	3	0
Case 2	11	3,742,758	5,080,296	3	0	3	1
Case 2	11	5,080,337	6,293,182	2	1	3	0
Case 2	11	6,293,210	6,394,176	3	1	4	0
Case 2	11	6,397,336	11,479,866	2	1	3	0
Case 2	11	11,482,863	11,592,911	3	1	4	0
Case 2	11	11,593,110	15,452,247	2	1	3	0
Case 2	11	15,455,777	15,799,460	3	1	4	0
Case 2	11	15,801,938	15,972,672	3	0	3	1
Case 2	11	15,977,337	16,040,700	3	1	4	0
Case 2	11	16,041,305	18,866,999	2	1	3	0
Case 2	11	18,869,581	19,044,093	3	1	4	0
Case 2	11	19,044,777	19,314,614	3	0	3	1
Case 2	11	19,323,503	19,401,373	3	1	4	0
Case 2	11	19,405,356	20,443,875	2	1	3	0
Case 2	11	20,447,419	20,522,915	2	0	2	1
Case 2	11	20,529,886	23,559,112	2	1	3	0
Case 2	11	23,564,329	23,833,286	2	0	2	1
Case 2	11	23,841,971	27,148,966	2	1	3	0
Case 2	11	27,154,853	27,355,031	3	1	4	0
Case 2	11	27,356,095	27,444,517	3	0	3	1
Case 2	11	27,451,759	27,665,543	3	1	4	0
Case 2	11	27,665,788	30,916,822	2	1	3	0
Case 2	11	30,918,425	31,671,678	2	0	2	1
Case 2	11	31,690,224	37,688,427	2	1	3	0
Case 2	11	37,688,849	37,891,672	2	0	2	1
Case 2	11	37,899,086	39,033,555	3	0	3	1
Case 2	11	39,043,546	50,468,978	2	1	3	0
Case 2	11	50,476,268	51,379,204	2	0	2	1

Case 2	11	51,383,999	51,591,253	2	1	3	0
Case 2	11	54,794,237	58,605,832	2	1	3	0
Case 2	11	58,610,656	60,562,641	3	0	3	1
Case 2	11	60,562,975	62,656,022	2	1	3	0
Case 2	11	62,656,504	62,794,074	3	1	4	0
Case 2	11	62,801,148	69,596,523	2	1	3	0
Case 2	11	69,597,131	69,838,584	3	1	4	0
Case 2	11	69,839,305	70,829,969	2	1	3	0
Case 2	11	70,836,467	71,110,248	3	1	4	0
Case 2	11	71,112,721	75,155,503	2	1	3	0
Case 2	11	75,155,743	75,276,178	3	1	4	0
Case 2	11	75,277,491	79,018,805	2	1	3	0
Case 2	11	79,020,289	79,165,928	3	1	4	0
Case 2	11	79,167,107	84,735,715	2	1	3	0
Case 2	11	84,741,129	85,370,482	3	0	3	1
Case 2	11	85,373,668	92,868,270	2	1	3	0
Case 2	11	92,881,044	92,961,333	1	1	2	0
Case 2	11	92,968,895	95,148,826	2	1	3	0
Case 2	11	95,154,173	95,497,231	3	1	4	0
Case 2	11	95,502,106	95,643,002	3	0	3	1
Case 2	11	95,648,242	95,712,644	3	1	4	0
Case 2	11	95,712,720	102,988,361	2	1	3	0
Case 2	11	102,988,504	103,530,554	3	0	3	1
Case 2	11	103,538,849	106,330,810	2	1	3	0
Case 2	11	106,332,385	106,886,058	3	0	3	1
Case 2	11	106,892,204	107,185,075	3	1	4	0
Case 2	11	107,186,896	117,913,074	2	1	3	0
Case 2	11	117,915,055	118,037,625	3	1	4	0
Case 2	11	118,037,748	118,535,185	2	1	3	0
Case 2	11	118,538,187	118,610,629	3	1	4	0
Case 2	11	118,611,781	122,970,265	2	1	3	0
Case 2	11	122,971,458	123,026,014	3	1	4	0
Case 2	11	123,027,157	126,283,492	2	1	3	0
Case 2	11	126,283,542	126,521,978	3	1	4	0
Case 2	11	126,522,029	133,478,658	2	1	3	0
Case 2	11	133,483,146	133,776,948	3	1	4	0
Case 2	11	133,778,102	134,934,063	2	1	3	0
Case 2	12	191,619	12,393,895	2	1	3	0
Case 2	12	12,396,130	12,480,088	2	2	4	0
Case 2	12	12,482,448	12,730,537	2	1	3	0
Case 2	12	12,732,360	12,956,710	2	2	4	0
Case 2	12	12,959,062	13,103,014	2	1	3	0
Case 2	12	13,103,266	13,150,687	2	2	4	0
Case 2	12	13,155,339	31,005,273	2	1	3	0
Case 2	12	31,005,365	31,156,501	2	2	4	0
Case 2	12	31,158,519	34,853,011	2	1	3	0
Case 2	12	37,876,400	52,164,027	2	1	3	0
Case 2	12	52,171,326	52,554,147	2	2	4	0
Case 2	12	52,554,468	53,204,757	2	1	3	0
Case 2	12	53,205,566	53,500,145	2	2	4	0
Case 2	12	53,505,327	84,178,113	2	1	3	0
Case 2	12	84,190,218	84,210,234	2	0	2	1
Case 2	12	84,215,246	85,423,743	2	1	3	0
Case 2	12	85,427,691	85,450,243	1	1	2	0
Case 2	12	85,450,291	104,139,020	2	1	3	0
Case 2	12	104,139,034	104,379,422	2	2	4	0
Case 2	12	104,380,734	105,600,902	2	1	3	0
Case 2	12	105,600,935	105,855,305	2	2	4	0
Case 2	12	105,856,679	108,701,557	2	1	3	0
Case 2	12	108,702,560	108,879,906	2	2	4	0
Case 2	12	108,883,621	113,031,474	2	1	3	0

Case 2	12	113,036,817	113,285,551	2	2	4	0
Case 2	12	113,285,626	114,083,833	2	1	3	0
Case 2	12	114,085,798	114,135,799	2	2	4	0
Case 2	12	114,140,619	114,427,632	2	1	3	0
Case 2	12	114,433,636	114,641,793	2	2	4	0
Case 2	12	114,645,356	124,654,364	2	1	3	0
Case 2	12	124,655,485	125,092,296	2	2	4	0
Case 2	12	125,093,430	125,968,891	2	1	3	0
Case 2	12	125,973,509	126,071,206	2	2	4	0
Case 2	12	126,071,667	127,744,939	2	1	3	0
Case 2	12	127,752,151	128,145,564	2	2	4	0
Case 2	12	128,146,589	130,496,399	2	1	3	0
Case 2	12	130,496,496	130,648,380	2	2	4	0
Case 2	12	130,649,160	131,849,823	2	1	3	0
Case 2	12	131,854,499	132,175,484	2	2	4	0
Case 2	12	132,176,454	133,810,935	2	1	3	0
Case 2	13	19,058,717	20,498,817	2	1	3	0
Case 2	13	20,507,957	21,562,259	2	2	4	0
Case 2	13	21,562,267	21,612,791	2	1	3	0
Case 2	13	21,620,085	22,105,533	2	0	2	1
Case 2	13	22,115,822	22,288,548	2	1	3	0
Case 2	13	22,290,101	23,766,487	2	2	4	0
Case 2	13	23,766,935	23,936,013	2	1	3	0
Case 2	13	23,939,323	25,344,731	2	2	4	0
Case 2	13	25,345,693	25,487,096	2	1	3	0
Case 2	13	25,491,009	26,592,891	2	2	4	0
Case 2	13	26,593,106	27,021,015	2	1	3	0
Case 2	13	27,021,533	32,845,230	2	2	4	0
Case 2	13	32,848,991	33,018,228	2	1	3	0
Case 2	13	33,030,098	44,834,104	2	2	4	0
Case 2	13	44,835,951	50,589,978	2	1	3	0
Case 2	13	50,591,480	50,806,640	3	0	3	1
Case 2	13	50,811,155	99,065,955	2	1	3	0
Case 2	13	99,066,201	99,302,988	2	2	4	0
Case 2	13	99,303,309	99,371,556	2	1	3	0
Case 2	13	99,372,361	99,449,717	2	2	4	0
Case 2	13	99,449,755	111,123,132	2	1	3	0
Case 2	13	111,123,190	111,231,833	2	2	4	0
Case 2	13	111,235,729	112,250,110	2	1	3	0
Case 2	13	112,250,239	112,570,992	2	2	4	0
Case 2	13	112,571,308	114,817,751	2	1	3	0
Case 2	13	114,824,885	114,974,695	2	2	4	0
Case 2	13	114,977,582	115,103,529	2	1	3	0
Case 2	14	19,280,733	22,612,060	2	1	3	0
Case 2	14	22,612,288	22,970,327	2	2	4	0
Case 2	14	22,972,815	26,229,620	2	1	3	0
Case 2	14	26,235,470	30,383,477	1	1	2	0
Case 2	14	30,385,811	32,913,332	2	1	3	0
Case 2	14	32,918,859	32,983,694	1	1	2	0
Case 2	14	33,004,641	36,065,959	2	1	3	0
Case 2	14	36,093,840	36,345,272	1	1	2	0
Case 2	14	36,346,552	37,620,754	2	1	3	0
Case 2	14	37,630,699	38,005,128	1	1	2	0
Case 2	14	38,013,787	39,650,924	2	1	3	0
Case 2	14	39,651,193	39,793,554	1	1	2	0
Case 2	14	39,796,221	40,410,279	2	1	3	0
Case 2	14	40,425,105	44,975,071	1	1	2	0
Case 2	14	44,975,089	45,506,857	2	1	3	0
Case 2	14	45,512,923	45,590,822	1	1	2	0
Case 2	14	45,604,404	45,606,290	2	1	3	0
Case 2	14	45,606,301	45,696,037	1	1	2	0

Case 2	14	45,696,913	46,474,288	2	1	3	0
Case 2	14	46,474,336	47,858,972	1	1	2	0
Case 2	14	47,859,651	48,305,099	2	1	3	0
Case 2	14	48,306,780	49,464,407	1	1	2	0
Case 2	14	49,467,802	49,957,271	2	1	3	0
Case 2	14	49,957,353	50,100,886	3	0	3	1
Case 2	14	50,101,682	50,216,947	1	1	2	0
Case 2	14	50,217,746	51,052,118	2	1	3	0
Case 2	14	51,054,710	51,219,320	1	1	2	0
Case 2	14	51,219,349	56,054,354	2	1	3	0
Case 2	14	56,058,049	56,166,871	1	1	2	0
Case 2	14	56,173,687	57,931,444	2	1	3	0
Case 2	14	57,931,920	57,938,260	1	1	2	0
Case 2	14	57,945,301	58,669,409	2	1	3	0
Case 2	14	58,669,637	58,949,339	1	1	2	0
Case 2	14	58,949,390	60,785,724	2	1	3	0
Case 2	14	60,789,176	60,951,790	1	1	2	0
Case 2	14	60,952,612	74,482,984	2	1	3	0
Case 2	14	74,489,695	74,533,575	2	0	2	1
Case 2	14	74,535,660	81,156,328	2	1	3	0
Case 2	14	81,160,050	81,256,954	1	1	2	0
Case 2	14	81,259,157	82,679,437	2	1	3	0
Case 2	14	82,687,831	83,245,454	1	1	2	0
Case 2	14	83,253,552	83,348,722	2	1	3	0
Case 2	14	83,350,784	85,575,816	1	1	2	0
Case 2	14	85,588,257	86,456,449	2	1	3	0
Case 2	14	86,457,640	87,098,671	1	1	2	0
Case 2	14	87,101,749	92,421,275	2	1	3	0
Case 2	14	92,423,309	92,499,348	1	1	2	0
Case 2	14	92,503,576	96,772,091	2	1	3	0
Case 2	14	96,773,160	96,853,454	1	1	2	0
Case 2	14	96,858,572	97,075,238	2	1	3	0
Case 2	14	97,075,308	97,168,780	2	2	4	0
Case 2	14	97,169,037	107,287,663	2	1	3	0
Case 2	15	20,034,919	25,430,243	2	0	2	1
Case 2	15	25,432,842	25,494,107	3	0	3	1
Case 2	15	25,494,501	25,925,095	2	0	2	1
Case 2	15	25,925,195	25,962,873	2	1	3	0
Case 2	15	25,963,399	28,520,072	1	1	2	0
Case 2	15	28,520,146	29,431,821	2	1	3	0
Case 2	15	29,438,477	31,527,759	1	1	2	0
Case 2	15	31,528,162	32,187,995	2	1	3	0
Case 2	15	32,197,873	32,946,561	1	1	2	0
Case 2	15	32,947,806	33,096,488	2	1	3	0
Case 2	15	33,101,473	33,923,690	1	1	2	0
Case 2	15	33,925,820	34,046,635	2	1	3	0
Case 2	15	34,047,474	34,624,438	1	1	2	0
Case 2	15	34,628,623	34,901,161	2	1	3	0
Case 2	15	34,901,430	38,907,041	1	1	2	0
Case 2	15	38,918,032	39,193,242	2	1	3	0
Case 2	15	39,194,310	40,280,693	1	1	2	0
Case 2	15	40,280,766	40,453,430	2	1	3	0
Case 2	15	40,455,894	40,539,373	1	1	2	0
Case 2	15	40,539,901	40,682,098	2	1	3	0
Case 2	15	40,683,702	41,099,827	1	1	2	0
Case 2	15	41,099,843	41,223,901	2	1	3	0
Case 2	15	41,224,538	41,737,059	2	0	2	1
Case 2	15	41,739,356	41,914,305	2	1	3	0
Case 2	15	41,948,046	42,059,342	1	1	2	0
Case 2	15	42,059,386	42,143,118	2	1	3	0
Case 2	15	42,143,276	42,185,151	1	1	2	0

Case 2	15	42,185,157	42,468,617	2	1	3	0
Case 2	15	42,479,406	42,693,833	1	1	2	0
Case 2	15	42,693,962	42,730,193	2	1	3	0
Case 2	15	42,731,622	42,979,861	1	1	2	0
Case 2	15	42,980,023	42,988,035	2	1	3	0
Case 2	15	42,988,175	43,484,990	1	1	2	0
Case 2	15	43,485,930	43,571,407	2	1	3	0
Case 2	15	43,571,937	43,656,460	1	1	2	0
Case 2	15	43,658,311	44,040,965	2	1	3	0
Case 2	15	44,048,870	45,248,625	1	1	2	0
Case 2	15	45,248,947	45,544,112	2	1	3	0
Case 2	15	45,544,319	51,542,757	1	1	2	0
Case 2	15	51,543,382	51,696,422	2	1	3	0
Case 2	15	51,696,509	56,044,189	1	1	2	0
Case 2	15	56,044,246	56,196,809	2	1	3	0
Case 2	15	56,197,002	57,598,517	1	1	2	0
Case 2	15	57,602,999	58,261,595	2	1	3	0
Case 2	15	58,264,990	58,449,818	1	1	2	0
Case 2	15	58,450,274	58,852,463	2	1	3	0
Case 2	15	58,853,079	59,607,007	1	1	2	0
Case 2	15	59,607,540	59,911,217	2	1	3	0
Case 2	15	59,911,218	60,895,636	1	1	2	0
Case 2	15	60,899,639	61,412,142	2	1	3	0
Case 2	15	61,416,631	61,593,667	1	1	2	0
Case 2	15	61,597,447	61,845,418	2	1	3	0
Case 2	15	61,845,512	62,396,198	1	1	2	0
Case 2	15	62,396,389	62,788,601	2	1	3	0
Case 2	15	62,792,939	62,844,578	1	1	2	0
Case 2	15	62,849,413	62,948,909	2	1	3	0
Case 2	15	62,949,716	63,097,853	1	1	2	0
Case 2	15	63,097,958	63,295,972	2	1	3	0
Case 2	15	63,299,362	64,149,602	1	1	2	0
Case 2	15	64,149,834	64,339,939	2	1	3	0
Case 2	15	64,347,946	64,933,982	1	1	2	0
Case 2	15	64,962,630	65,155,528	2	1	3	0
Case 2	15	65,157,203	65,489,880	1	1	2	0
Case 2	15	65,489,926	65,556,442	2	1	3	0
Case 2	15	65,562,254	66,189,967	1	1	2	0
Case 2	15	66,191,095	66,587,187	2	1	3	0
Case 2	15	66,590,779	66,850,368	1	1	2	0
Case 2	15	66,850,753	67,482,818	2	1	3	0
Case 2	15	67,483,276	67,629,346	2	0	2	1
Case 2	15	67,647,218	68,334,546	2	1	3	0
Case 2	15	68,349,893	68,603,345	1	1	2	0
Case 2	15	68,603,375	69,502,443	2	1	3	0
Case 2	15	69,507,460	69,789,154	1	1	2	0
Case 2	15	69,790,976	70,923,617	2	1	3	0
Case 2	15	70,923,956	72,019,504	1	1	2	0
Case 2	15	72,022,755	72,119,569	2	1	3	0
Case 2	15	72,120,258	73,556,944	2	0	2	1
Case 2	15	73,557,903	73,713,958	2	1	3	0
Case 2	15	73,720,489	73,968,719	1	1	2	0
Case 2	15	73,971,247	74,105,493	2	1	3	0
Case 2	15	74,106,617	74,219,582	1	1	2	0
Case 2	15	74,219,602	74,327,556	2	1	3	0
Case 2	15	74,327,601	74,431,715	2	0	2	1
Case 2	15	74,432,654	74,948,380	2	1	3	0
Case 2	15	74,954,187	75,122,644	1	1	2	0
Case 2	15	75,122,856	75,193,004	2	1	3	0
Case 2	15	75,194,428	75,503,193	2	0	2	1
Case 2	15	75,503,198	75,651,482	2	1	3	0

Case 2	15	75,651,722	75,890,934	1	1	2	0
Case 2	15	75,890,977	76,134,601	2	1	3	0
Case 2	15	76,136,135	76,304,503	1	1	2	0
Case 2	15	76,313,121	76,633,551	2	1	3	0
Case 2	15	76,633,575	77,241,751	1	1	2	0
Case 2	15	77,251,889	77,410,878	2	1	3	0
Case 2	15	77,419,814	77,889,192	2	0	2	1
Case 2	15	77,897,197	78,301,401	2	1	3	0
Case 2	15	78,305,594	78,390,909	1	1	2	0
Case 2	15	78,391,969	78,567,957	2	1	3	0
Case 2	15	78,569,950	78,890,321	1	1	2	0
Case 2	15	78,893,741	79,975,476	2	1	3	0
Case 2	15	79,976,086	80,443,036	1	1	2	0
Case 2	15	80,444,677	80,969,283	2	1	3	0
Case 2	15	80,981,546	81,080,925	1	1	2	0
Case 2	15	81,081,617	81,180,069	2	1	3	0
Case 2	15	81,181,084	81,572,094	1	1	2	0
Case 2	15	81,575,055	81,660,619	2	1	3	0
Case 2	15	81,660,718	82,301,556	1	1	2	0
Case 2	15	82,302,369	82,416,748	2	1	3	0
Case 2	15	82,422,800	83,307,677	1	1	2	0
Case 2	15	83,310,835	83,523,424	2	1	3	0
Case 2	15	83,524,257	85,411,508	1	1	2	0
Case 2	15	85,411,571	85,523,969	2	1	3	0
Case 2	15	85,530,028	86,284,700	1	1	2	0
Case 2	15	86,284,712	86,688,823	2	1	3	0
Case 2	15	86,690,067	87,446,563	1	1	2	0
Case 2	15	87,453,736	87,514,883	2	1	3	0
Case 2	15	87,516,847	88,566,617	1	1	2	0
Case 2	15	88,571,534	88,839,004	2	1	3	0
Case 2	15	88,839,441	89,318,783	1	1	2	0
Case 2	15	89,330,574	89,680,776	2	1	3	0
Case 2	15	89,683,022	89,972,177	1	1	2	0
Case 2	15	89,976,563	90,037,233	2	1	3	0
Case 2	15	90,039,643	90,320,447	1	1	2	0
Case 2	15	90,320,496	90,908,781	2	1	3	0
Case 2	15	90,915,345	91,347,451	1	1	2	0
Case 2	15	91,347,463	91,810,848	2	1	3	0
Case 2	15	91,811,384	92,091,172	1	1	2	0
Case 2	15	92,092,178	92,623,345	2	1	3	0
Case 2	15	92,623,503	92,669,785	2	0	2	1
Case 2	15	92,671,919	92,718,146	2	1	3	0
Case 2	15	92,720,600	92,875,495	1	1	2	0
Case 2	15	92,876,467	93,286,402	2	1	3	0
Case 2	15	93,293,836	93,578,987	1	1	2	0
Case 2	15	93,579,496	93,949,013	2	1	3	0
Case 2	15	93,949,082	95,197,078	1	1	2	0
Case 2	15	95,197,655	95,257,278	2	1	3	0
Case 2	15	95,259,166	99,666,979	2	0	2	1
Case 2	15	99,667,686	99,673,019	3	0	3	1
Case 2	15	99,673,100	99,932,797	2	0	2	1
Case 2	15	99,940,221	100,044,888	3	0	3	1
Case 2	15	100,045,237	100,589,191	2	0	2	1
Case 2	15	100,591,794	100,825,794	3	0	3	1
Case 2	15	100,828,865	101,158,916	2	0	2	1
Case 2	15	101,169,643	101,475,466	3	0	3	1
Case 2	15	101,480,031	101,552,312	2	0	2	1
Case 2	15	101,554,904	101,669,194	3	0	3	1
Case 2	15	101,670,586	101,919,191	2	0	2	1
Case 2	15	101,919,297	102,022,756	3	0	3	1
Case 2	15	102,024,136	102,461,162	2	0	2	1



Case 2	16	88,165	35,285,582	3	0	3	1
Case 2	16	46,450,037	62,796,921	3	0	3	1
Case 2	16	62,799,644	62,991,539	2	0	2	1
Case 2	16	62,996,454	78,827,057	3	0	3	1
Case 2	16	78,827,366	78,829,493	2	0	2	1
Case 2	16	78,829,975	78,842,348	0	0	0	0
Case 2	16	78,842,778	78,842,778	2	0	2	1
Case 2	16	78,843,942	90,274,695	3	0	3	1
Case 2	17	11,885	674,696	2	0	2	1
Case 2	17	677,226	799,847	3	0	3	1
Case 2	17	799,933	1,084,729	4	0	4	1
Case 2	17	1,084,965	22,242,355	3	0	3	1
Case 2	17	25,268,142	25,268,142	3	0	3	1
Case 2	17	25,295,032	27,767,343	4	0	4	1
Case 2	17	27,769,598	28,389,576	3	0	3	1
Case 2	17	28,391,076	29,161,202	3	1	4	0
Case 2	17	29,161,253	29,247,715	3	0	3	1
Case 2	17	29,250,089	33,287,651	4	0	4	1
Case 2	17	33,288,363	33,331,503	3	0	3	1
Case 2	17	33,332,177	34,436,532	3	1	4	0
Case 2	17	34,436,708	34,476,396	4	1	5	0
Case 2	17	34,597,521	37,389,409	3	1	4	0
Case 2	17	37,393,395	37,565,662	3	0	3	1
Case 2	17	37,565,664	61,812,655	4	0	4	1
Case 2	17	61,812,733	61,901,532	3	0	3	1
Case 2	17	61,901,555	67,247,900	4	0	4	1
Case 2	17	67,249,922	67,298,109	3	0	3	1
Case 2	17	67,298,327	79,602,820	4	0	4	1
Case 2	17	79,607,812	79,614,966	2	0	2	1
Case 2	17	79,615,022	79,660,570	3	0	3	1
Case 2	17	79,660,598	80,004,050	2	0	2	1
Case 2	17	80,004,769	81,060,040	4	0	4	1
Case 2	18	87,505	165,453	2	0	2	1
Case 2	18	166,277	319,935	1	0	1	0
Case 2	18	321,773	1,128,744	2	0	2	1
Case 2	18	1,134,695	1,464,859	1	0	1	0
Case 2	18	1,466,512	1,662,987	2	0	2	1
Case 2	18	1,681,354	1,773,145	1	0	1	0
Case 2	18	1,775,283	2,548,668	2	0	2	1
Case 2	18	2,553,775	2,567,041	1	0	1	0
Case 2	18	2,567,113	2,687,926	2	0	2	1
Case 2	18	2,694,636	2,804,129	1	0	1	0
Case 2	18	2,817,052	4,363,364	2	0	2	1
Case 2	18	4,370,882	4,405,472	1	0	1	0
Case 2	18	4,405,706	4,597,482	2	0	2	1
Case 2	18	4,601,573	4,673,080	1	0	1	0
Case 2	18	4,673,119	6,138,205	2	0	2	1
Case 2	18	6,144,385	6,267,970	1	0	1	0
Case 2	18	6,272,348	8,031,623	2	0	2	1
Case 2	18	8,034,941	9,919,965	5	0	5	1
Case 2	18	9,922,512	9,926,968	7	0	7	1
Case 2	18	9,929,330	10,121,949	3	0	3	1
Case 2	18	10,124,648	10,581,304	4	0	4	1
Case 2	18	10,590,943	10,742,289	2	0	2	1
Case 2	18	10,750,150	10,832,851	3	0	3	1
Case 2	18	10,834,568	10,841,164	4	0	4	1
Case 2	18	10,842,934	11,244,990	5	0	5	1
Case 2	18	11,245,830	11,911,143	4	0	4	1
Case 2	18	11,912,236	12,132,247	5	0	5	1
Case 2	18	12,141,372	13,033,053	6	0	6	1
Case 2	18	13,035,831	14,000,394	5	0	5	1

Case 2	18	14,000,961	14,351,150	4	0	4	1
Case 2	18	14,352,092	14,949,001	3	0	3	1
Case 2	18	14,949,581	15,375,878	2	0	2	1
Case 2	18	18,520,354	18,671,098	1	0	1	0
Case 2	18	18,681,293	18,868,650	2	0	2	1
Case 2	18	18,877,014	19,155,511	3	0	3	1
Case 2	18	19,156,645	19,814,796	4	0	4	1
Case 2	18	19,823,874	20,079,239	3	0	3	1
Case 2	18	20,082,830	20,648,100	4	0	4	1
Case 2	18	20,648,375	20,970,706	5	0	5	1
Case 2	18	20,977,523	20,977,523	4	0	4	1
Case 2	18	20,996,401	21,017,770	2	0	2	1
Case 2	18	21,022,448	21,055,066	1	0	1	0
Case 2	18	21,057,186	23,615,004	2	0	2	1
Case 2	18	23,619,415	23,954,481	1	0	1	0
Case 2	18	23,976,352	24,718,085	2	0	2	1
Case 2	18	24,722,839	24,746,599	1	0	1	0
Case 2	18	24,747,427	25,468,519	2	0	2	1
Case 2	18	25,473,942	25,532,304	1	0	1	0
Case 2	18	25,533,472	25,917,138	2	0	2	1
Case 2	18	25,917,993	26,049,216	1	0	1	0
Case 2	18	26,055,555	26,205,667	2	0	2	1
Case 2	18	26,212,054	26,647,501	1	0	1	0
Case 2	18	26,651,884	27,106,546	2	0	2	1
Case 2	18	27,107,672	27,192,608	1	0	1	0
Case 2	18	27,202,573	27,338,363	2	0	2	1
Case 2	18	27,349,529	27,503,908	1	0	1	0
Case 2	18	27,506,375	27,773,905	2	0	2	1
Case 2	18	27,778,530	27,820,011	1	0	1	0
Case 2	18	27,826,653	28,556,767	2	0	2	1
Case 2	18	28,557,935	28,588,260	1	0	1	0
Case 2	18	28,588,281	28,935,694	2	0	2	1
Case 2	18	28,936,574	28,986,156	1	0	1	0
Case 2	18	28,986,173	29,057,719	2	0	2	1
Case 2	18	29,057,915	29,124,424	1	0	1	0
Case 2	18	29,125,854	29,426,774	2	0	2	1
Case 2	18	29,429,596	29,511,423	1	0	1	0
Case 2	18	29,527,884	30,488,989	2	0	2	1
Case 2	18	30,497,848	31,226,574	1	0	1	0
Case 2	18	31,232,549	31,428,491	2	0	2	1
Case 2	18	31,429,793	31,863,329	1	0	1	0
Case 2	18	31,864,221	33,381,348	2	0	2	1
Case 2	18	33,396,298	33,541,214	1	0	1	0
Case 2	18	33,543,660	33,712,708	2	0	2	1
Case 2	18	33,714,241	33,747,114	1	0	1	0
Case 2	18	33,749,871	37,837,257	2	0	2	1
Case 2	18	37,839,146	37,927,029	1	0	1	0
Case 2	18	37,927,854	40,377,844	2	0	2	1
Case 2	18	40,385,804	40,554,120	1	0	1	0
Case 2	18	40,554,893	40,765,236	2	0	2	1
Case 2	18	40,771,509	40,853,969	1	0	1	0
Case 2	18	40,854,045	41,252,700	2	0	2	1
Case 2	18	41,275,749	41,394,771	1	0	1	0
Case 2	18	41,402,605	41,509,786	2	0	2	1
Case 2	18	41,511,472	42,077,844	1	0	1	0
Case 2	18	42,077,905	50,367,412	2	0	2	1
Case 2	18	50,367,848	50,451,651	1	0	1	0
Case 2	18	50,451,821	50,726,559	2	0	2	1
Case 2	18	50,731,688	50,864,668	1	0	1	0
Case 2	18	50,866,195	51,114,375	2	0	2	1
Case 2	18	51,129,489	51,344,269	1	0	1	0

Case 2	18	51,364,239	51,802,826	2	0	2	1
Case 2	18	51,805,130	51,820,035	1	0	1	0
Case 2	18	51,820,070	53,778,612	2	0	2	1
Case 2	18	53,778,970	53,854,465	1	0	1	0
Case 2	18	53,855,551	58,072,536	2	0	2	1
Case 2	18	58,092,295	58,436,769	1	0	1	0
Case 2	18	58,443,832	59,701,010	2	0	2	1
Case 2	18	59,705,118	59,825,010	1	0	1	0
Case 2	18	59,828,406	61,154,847	2	0	2	1
Case 2	18	61,154,993	61,163,084	1	0	1	0
Case 2	18	61,163,925	62,100,203	2	0	2	1
Case 2	18	62,102,326	62,289,513	1	0	1	0
Case 2	18	62,292,218	62,508,766	2	0	2	1
Case 2	18	62,517,764	62,885,650	1	0	1	0
Case 2	18	62,893,870	63,112,979	2	0	2	1
Case 2	18	63,115,253	63,490,350	1	0	1	0
Case 2	18	63,496,823	63,588,845	2	0	2	1
Case 2	18	63,593,459	63,884,706	1	0	1	0
Case 2	18	63,889,002	64,009,083	2	0	2	1
Case 2	18	64,009,325	64,702,698	1	0	1	0
Case 2	18	64,703,048	64,841,801	2	0	2	1
Case 2	18	64,844,503	65,178,779	1	0	1	0
Case 2	18	65,178,905	65,378,004	2	0	2	1
Case 2	18	65,378,287	65,585,580	1	0	1	0
Case 2	18	65,586,674	65,686,386	2	0	2	1
Case 2	18	65,690,189	65,926,525	1	0	1	0
Case 2	18	65,928,485	66,136,653	2	0	2	1
Case 2	18	66,137,729	66,162,830	1	0	1	0
Case 2	18	66,167,919	67,393,698	2	0	2	1
Case 2	18	67,404,128	67,484,495	1	0	1	0
Case 2	18	67,485,339	67,718,688	2	0	2	1
Case 2	18	67,718,745	67,863,859	1	0	1	0
Case 2	18	67,864,880	68,791,898	2	0	2	1
Case 2	18	68,796,445	69,968,737	1	0	1	0
Case 2	18	69,969,195	70,690,720	2	0	2	1
Case 2	18	70,691,802	70,938,279	1	0	1	0
Case 2	18	70,940,084	71,010,591	2	0	2	1
Case 2	18	71,011,735	71,055,729	1	0	1	0
Case 2	18	71,055,969	76,086,818	2	0	2	1
Case 2	18	76,089,528	76,143,140	1	0	1	0
Case 2	18	76,150,938	78,015,180	2	0	2	1
Case 2	19	260,912	9,434,464	2	1	3	0
Case 2	19	9,437,812	9,639,848	2	0	2	1
Case 2	19	9,640,032	12,040,283	2	1	3	0
Case 2	19	12,046,336	12,188,266	2	0	2	1
Case 2	19	12,196,190	12,450,725	3	0	3	1
Case 2	19	12,459,171	12,542,685	2	0	2	1
Case 2	19	12,548,494	19,973,452	2	1	3	0
Case 2	19	19,974,727	20,003,486	2	0	2	1
Case 2	19	20,005,264	20,218,177	3	0	3	1
Case 2	19	20,218,226	20,500,515	2	0	2	1
Case 2	19	20,626,179	20,707,568	1	0	1	0
Case 2	19	20,715,228	20,788,625	2	0	2	1
Case 2	19	20,788,887	20,892,999	2	1	3	0
Case 2	19	20,905,979	21,720,803	2	0	2	1
Case 2	19	21,740,058	21,891,943	2	1	3	0
Case 2	19	21,909,496	21,996,666	2	0	2	1
Case 2	19	22,020,770	23,804,041	2	1	3	0
Case 2	19	23,814,365	23,937,693	1	1	2	0
Case 2	19	23,938,402	24,379,583	2	1	3	0
Case 2	19	24,392,064	24,629,285	2	0	2	1

Case 2	19	27,732,159	28,213,271	2	0	2	1
Case 2	19	28,231,750	36,871,730	2	1	3	0
Case 2	19	36,876,843	37,634,291	2	0	2	1
Case 2	19	37,639,701	37,854,235	3	0	3	1
Case 2	19	37,854,273	37,985,453	2	0	2	1
Case 2	19	37,993,637	38,043,260	2	1	3	0
Case 2	19	38,055,534	38,160,742	2	0	2	1
Case 2	19	38,160,893	38,572,747	2	1	3	0
Case 2	19	38,572,881	40,519,935	3	0	3	1
Case 2	19	40,520,457	40,650,002	2	0	2	1
Case 2	19	40,657,509	44,342,977	2	1	3	0
Case 2	19	44,348,824	44,383,800	2	0	2	1
Case 2	19	44,384,163	52,529,074	2	1	3	0
Case 2	19	52,535,421	52,570,767	1	1	2	0
Case 2	19	52,578,347	53,114,267	2	1	3	0
Case 2	19	53,116,060	53,116,060	2	0	2	1
Case 2	19	53,116,331	53,118,278	1	1	2	0
Case 2	19	53,119,029	53,297,766	2	1	3	0
Case 2	19	53,300,984	53,345,371	2	0	2	1
Case 2	19	53,352,341	53,644,456	2	1	3	0
Case 2	19	53,644,640	53,741,744	2	0	2	1
Case 2	19	53,741,805	59,097,160	2	1	3	0
Case 2	20	63,244	9,919,383	3	1	4	0
Case 2	20	9,920,824	13,257,470	2	1	3	0
Case 2	20	13,258,606	14,096,380	2	2	4	0
Case 2	20	14,106,881	14,926,362	3	1	4	0
Case 2	20	14,927,862	15,073,680	3	0	3	1
Case 2	20	15,077,030	18,226,696	3	1	4	0
Case 2	20	18,227,170	19,258,891	4	1	5	0
Case 2	20	19,261,606	26,293,985	3	1	4	0
Case 2	20	29,425,357	54,054,665	3	1	4	0
Case 2	20	54,054,720	58,410,581	4	0	4	1
Case 2	20	58,411,279	58,560,168	3	0	3	1
Case 2	20	58,562,673	61,386,147	4	0	4	1
Case 2	20	61,386,232	61,595,636	3	0	3	1
Case 2	20	61,596,503	62,948,788	3	1	4	0
Case 2	21	10,827,533	10,971,337	2	0	2	1
Case 2	21	14,368,320	20,773,681	2	0	2	1
Case 2	21	20,779,299	21,150,015	0	0	0	0
Case 2	21	21,168,116	32,253,365	2	0	2	1
Case 2	21	32,253,453	32,940,469	3	0	3	1
Case 2	21	32,949,556	33,206,932	2	0	2	1
Case 2	21	33,212,509	33,905,191	3	0	3	1
Case 2	21	33,906,744	34,223,288	2	0	2	1
Case 2	21	34,238,324	34,806,288	3	0	3	1
Case 2	21	34,809,233	35,199,880	2	0	2	1
Case 2	21	35,200,374	37,558,042	3	0	3	1
Case 2	21	37,563,298	37,856,952	2	0	2	1
Case 2	21	37,865,339	38,433,519	3	0	3	1
Case 2	21	38,436,825	40,512,918	2	0	2	1
Case 2	21	40,520,783	40,667,811	1	0	1	0
Case 2	21	40,669,083	40,792,696	2	0	2	1
Case 2	21	40,792,722	40,818,379	1	0	1	0
Case 2	21	40,819,685	47,819,694	2	0	2	1
Case 2	21	47,821,583	47,831,866	1	0	1	0
Case 2	21	47,831,941	48,100,155	2	0	2	1
Case 2	22	16,114,244	17,306,104	1	1	2	0
Case 2	22	17,310,741	21,973,319	2	1	3	0
Case 2	22	21,976,934	22,542,083	1	1	2	0
Case 2	22	22,548,831	40,729,614	2	1	3	0
Case 2	22	40,731,134	40,849,704	1	1	2	0

Case 2	22	40,859,004	51,195,728	2	1	3	0
Case 4	1	82,154	19,590,043	1	1	2	0
Case 4	1	19,593,199	19,647,578	1	0	1	0
Case 4	1	19,650,220	110,221,506	1	1	2	0
Case 4	1	110,230,836	110,234,286	2	1	3	0
Case 4	1	110,253,241	121,346,616	1	1	2	0
Case 4	1	142,649,718	234,704,046	1	1	2	0
Case 4	1	234,706,308	234,707,376	1	0	1	0
Case 4	1	234,710,593	249,218,992	1	1	2	0
Case 4	2	18,674	92,081,640	1	1	2	0
Case 4	2	95,429,424	205,172,592	1	1	2	0
Case 4	2	205,177,507	205,499,566	2	1	3	0
Case 4	2	205,505,348	243,048,760	1	1	2	0
Case 4	3	61,495	60,337,651	1	1	2	0
Case 4	3	60,340,650	60,357,382	1	0	1	0
Case 4	3	60,358,100	60,358,100	1	1	2	0
Case 4	3	60,358,517	60,523,330	0	0	0	0
Case 4	3	60,531,242	60,631,936	1	0	1	0
Case 4	3	60,636,061	75,785,358	1	1	2	0
Case 4	3	75,786,288	75,790,472	1	0	1	0
Case 4	3	75,790,880	90,442,925	1	1	2	0
Case 4	3	93,537,290	193,134,759	1	1	2	0
Case 4	3	193,136,476	193,140,348	1	0	1	0
Case 4	3	193,144,406	197,838,262	1	1	2	0
Case 4	4	71,566	49,620,898	1	1	2	0
Case 4	4	52,697,856	74,466,409	1	1	2	0
Case 4	4	74,476,703	74,477,529	1	0	1	0
Case 4	4	74,489,271	151,547,243	1	1	2	0
Case 4	4	151,574,839	151,883,290	1	0	1	0
Case 4	4	151,884,313	161,856,343	1	1	2	0
Case 4	4	161,861,640	161,924,832	2	1	3	0
Case 4	4	161,935,342	190,963,766	1	1	2	0
Case 4	5	38,139	685,748	1	1	2	0
Case 4	5	730,271	825,329	2	1	3	0
Case 4	5	825,338	32,101,318	1	1	2	0
Case 4	5	32,101,400	32,125,842	2	1	3	0
Case 4	5	32,126,134	32,135,762	1	1	2	0
Case 4	5	32,135,916	32,159,517	2	1	3	0
Case 4	5	32,169,547	46,399,093	1	1	2	0
Case 4	5	49,457,282	96,094,973	1	1	2	0
Case 4	5	96,097,895	96,098,214	2	1	3	0
Case 4	5	96,100,929	139,931,620	1	1	2	0
Case 4	5	139,931,629	139,931,644	0	0	0	0
Case 4	5	139,931,646	139,931,660	1	0	1	0
Case 4	5	139,931,661	178,724,727	1	1	2	0
Case 4	5	178,730,062	178,935,665	2	1	3	0
Case 4	5	178,936,722	180,693,127	1	1	2	0
Case 4	6	108,666	45,302,654	2	0	2	1
Case 4	6	45,310,525	58,752,089	1	1	2	0
Case 4	6	61,891,118	170,980,171	1	1	2	0
Case 4	7	44,935	46,093,628	1	1	2	0
Case 4	7	46,113,834	46,113,883	1	0	1	0
Case 4	7	46,116,722	58,019,061	1	1	2	0
Case 4	7	61,056,053	62,159,926	1	1	2	0
Case 4	7	62,172,732	62,358,419	1	0	1	0
Case 4	7	62,360,358	62,675,942	1	1	2	0
Case 4	7	62,677,044	62,729,224	1	0	1	0
Case 4	7	62,777,355	91,029,468	1	1	2	0
Case 4	7	91,033,074	91,038,222	1	0	1	0
Case 4	7	91,043,217	110,617,845	1	1	2	0
Case 4	7	110,631,333	110,678,928	1	0	1	0

Case 4	7	110,681,482	153,478,281	1	1	2	0
Case 4	7	153,485,627	153,654,045	2	1	3	0
Case 4	7	153,670,448	159,119,486	1	1	2	0
Case 4	8	164,984	43,025,774	2	0	2	1
Case 4	8	43,045,980	43,791,691	1	1	2	0
Case 4	8	46,886,735	135,056,888	1	1	2	0
Case 4	8	135,062,170	135,065,947	1	0	1	0
Case 4	8	135,068,340	146,293,414	1	1	2	0
Case 4	9	46,587	46,944,322	1	1	2	0
Case 4	9	65,629,772	141,066,491	1	1	2	0
Case 4	10	98,087	39,097,912	1	1	2	0
Case 4	10	42,436,301	75,037,999	1	1	2	0
Case 4	10	75,038,041	77,316,235	2	0	2	1
Case 4	10	77,325,146	77,357,347	1	0	1	0
Case 4	10	77,364,207	77,422,702	2	0	2	1
Case 4	10	77,423,250	77,456,175	1	1	2	0
Case 4	10	77,461,012	77,504,287	0	0	0	0
Case 4	10	77,529,032	135,477,883	2	0	2	1
Case 4	11	193,146	50,668,400	1	1	2	0
Case 4	11	50,697,498	51,372,036	1	0	1	0
Case 4	11	51,379,204	51,591,253	2	0	2	1
Case 4	11	54,794,237	55,541,602	2	0	2	1
Case 4	11	55,541,620	56,310,373	1	1	2	0
Case 4	11	56,310,498	56,514,523	2	0	2	1
Case 4	11	56,517,109	58,807,241	1	1	2	0
Case 4	11	58,820,988	58,846,985	2	1	3	0
Case 4	11	58,863,775	134,934,063	1	1	2	0
Case 4	12	191,619	30,236,433	1	1	2	0
Case 4	12	30,237,954	30,243,473	1	0	1	0
Case 4	12	30,243,631	34,853,011	1	1	2	0
Case 4	12	37,876,400	133,810,935	1	1	2	0
Case 4	13	19,058,717	115,103,529	1	1	2	0
Case 4	14	19,280,733	20,404,671	1	1	2	0
Case 4	14	20,404,736	20,420,338	2	1	3	0
Case 4	14	20,425,051	107,287,663	1	1	2	0
Case 4	15	20,034,919	102,461,162	1	1	2	0
Case 4	16	88,165	16,276,741	1	1	2	0
Case 4	16	16,276,964	16,280,921	2	1	3	0
Case 4	16	16,281,007	35,285,582	1	1	2	0
Case 4	16	46,450,037	70,024,302	1	1	2	0
Case 4	16	70,031,958	70,190,742	2	1	3	0
Case 4	16	70,192,432	78,960,323	1	1	2	0
Case 4	16	78,961,207	79,009,468	2	1	3	0
Case 4	16	79,009,746	79,035,744	1	1	2	0
Case 4	16	79,036,736	79,109,753	2	1	3	0
Case 4	16	79,111,834	79,136,139	1	1	2	0
Case 4	16	79,143,983	79,235,804	2	1	3	0
Case 4	16	79,236,908	90,274,695	1	1	2	0
Case 4	17	11,885	22,242,355	1	1	2	0
Case 4	17	25,268,142	34,436,708	1	1	2	0
Case 4	17	34,443,811	34,597,521	2	1	3	0
Case 4	17	34,815,551	81,060,040	1	1	2	0
Case 4	18	87,505	15,375,878	1	1	2	0
Case 4	18	18,520,354	25,978,719	1	1	2	0
Case 4	18	26,010,927	28,934,293	1	0	1	0
Case 4	18	28,934,359	28,935,092	2	0	2	1
Case 4	18	28,935,123	28,992,822	1	0	1	0
Case 4	18	28,993,073	28,993,504	2	0	2	1
Case 4	18	28,993,526	29,054,294	1	0	1	0
Case 4	18	29,054,330	29,056,170	2	0	2	1
Case 4	18	29,056,465	29,143,098	1	0	1	0

Case 4	18	29,145,354	29,193,385	2	0	2	1
Case 4	18	29,203,385	29,848,702	1	0	1	0
Case 4	18	29,848,727	29,867,792	2	0	2	1
Case 4	18	29,873,442	29,890,229	1	0	1	0
Case 4	18	29,891,604	29,920,430	2	0	2	1
Case 4	18	29,930,576	31,321,994	1	0	1	0
Case 4	18	31,322,936	31,326,171	2	0	2	1
Case 4	18	31,326,415	32,951,022	1	0	1	0
Case 4	18	32,958,405	32,964,049	2	0	2	1
Case 4	18	32,966,049	33,780,013	1	0	1	0
Case 4	18	33,780,020	33,783,782	2	0	2	1
Case 4	18	33,785,093	33,831,189	1	0	1	0
Case 4	18	33,833,241	33,837,495	2	0	2	1
Case 4	18	33,837,688	33,865,990	1	0	1	0
Case 4	18	33,866,095	33,876,647	2	0	2	1
Case 4	18	33,878,994	34,167,147	1	0	1	0
Case 4	18	34,168,043	34,174,958	2	0	2	1
Case 4	18	34,178,190	34,852,992	1	0	1	0
Case 4	18	34,853,641	34,868,736	2	0	2	1
Case 4	18	34,869,401	34,908,580	1	0	1	0
Case 4	18	34,909,304	34,986,560	2	0	2	1
Case 4	18	34,987,926	35,072,150	1	0	1	0
Case 4	18	35,074,482	35,108,655	2	0	2	1
Case 4	18	35,113,107	35,143,815	1	0	1	0
Case 4	18	35,145,388	35,192,683	2	0	2	1
Case 4	18	35,196,346	40,499,693	1	0	1	0
Case 4	18	40,510,118	40,532,752	2	0	2	1
Case 4	18	40,536,821	42,443,004	1	0	1	0
Case 4	18	42,444,473	42,468,274	2	0	2	1
Case 4	18	42,473,832	42,530,507	1	0	1	0
Case 4	18	42,530,788	42,534,584	2	0	2	1
Case 4	18	42,538,724	43,232,632	1	0	1	0
Case 4	18	43,234,904	43,252,883	2	0	2	1
Case 4	18	43,252,904	43,318,644	1	0	1	0
Case 4	18	43,318,746	43,329,198	2	0	2	1
Case 4	18	43,329,310	44,063,598	1	0	1	0
Case 4	18	44,064,995	44,133,946	2	0	2	1
Case 4	18	44,134,163	44,168,737	1	0	1	0
Case 4	18	44,170,385	44,181,596	2	0	2	1
Case 4	18	44,183,004	44,221,971	1	0	1	0
Case 4	18	44,222,589	44,250,315	2	0	2	1
Case 4	18	44,250,955	44,558,006	1	0	1	0
Case 4	18	44,559,399	44,560,693	2	0	2	1
Case 4	18	44,560,732	45,631,389	1	0	1	0
Case 4	18	45,631,492	45,640,653	2	0	2	1
Case 4	18	45,642,989	45,877,135	1	0	1	0
Case 4	18	45,877,425	45,901,300	2	0	2	1
Case 4	18	45,901,704	45,962,016	1	0	1	0
Case 4	18	45,963,009	46,001,659	2	0	2	1
Case 4	18	46,002,758	46,281,202	1	0	1	0
Case 4	18	46,281,676	46,334,286	2	0	2	1
Case 4	18	46,334,400	46,359,024	1	0	1	0
Case 4	18	46,361,441	46,413,931	2	0	2	1
Case 4	18	46,419,946	46,446,589	1	0	1	0
Case 4	18	46,446,840	46,529,127	2	0	2	1
Case 4	18	46,532,088	47,010,098	1	0	1	0
Case 4	18	47,013,313	47,043,463	2	0	2	1
Case 4	18	47,047,876	47,083,106	1	0	1	0
Case 4	18	47,086,932	47,095,487	2	0	2	1
Case 4	18	47,095,862	47,146,125	1	0	1	0
Case 4	18	47,146,799	47,159,090	2	0	2	1

Case 4	18	47,159,917	47,179,516	1	0	1	0
Case 4	18	47,182,569	47,198,153	2	0	2	1
Case 4	18	47,199,408	47,269,486	1	0	1	0
Case 4	18	47,270,975	47,317,968	2	0	2	1
Case 4	18	47,318,522	47,363,125	1	0	1	0
Case 4	18	47,363,210	47,373,516	2	0	2	1
Case 4	18	47,373,530	47,429,161	1	0	1	0
Case 4	18	47,431,058	47,470,826	2	0	2	1
Case 4	18	47,474,497	47,479,491	1	0	1	0
Case 4	18	47,480,761	47,482,530	2	0	2	1
Case 4	18	47,483,225	47,489,018	1	0	1	0
Case 4	18	47,491,963	47,506,918	2	0	2	1
Case 4	18	47,507,608	47,548,218	1	0	1	0
Case 4	18	47,551,167	47,573,051	2	0	2	1
Case 4	18	47,575,725	47,591,368	1	0	1	0
Case 4	18	47,595,537	47,600,270	2	0	2	1
Case 4	18	47,602,657	47,791,995	1	0	1	0
Case 4	18	47,795,073	47,811,305	2	0	2	1
Case 4	18	47,811,374	47,964,975	1	0	1	0
Case 4	18	47,967,166	47,996,618	2	0	2	1
Case 4	18	48,000,015	48,100,072	1	0	1	0
Case 4	18	48,106,595	48,127,741	2	0	2	1
Case 4	18	48,130,532	48,173,397	1	0	1	0
Case 4	18	48,173,476	48,191,559	2	0	2	1
Case 4	18	48,194,641	48,230,896	1	0	1	0
Case 4	18	48,233,078	48,324,887	2	0	2	1
Case 4	18	48,325,194	48,327,718	1	0	1	0
Case 4	18	48,327,769	48,346,281	2	0	2	1
Case 4	18	48,347,125	49,137,340	1	0	1	0
Case 4	18	49,142,046	49,152,441	2	0	2	1
Case 4	18	49,155,040	51,623,832	1	0	1	0
Case 4	18	51,642,003	51,674,135	2	0	2	1
Case 4	18	51,678,367	54,693,531	1	0	1	0
Case 4	18	54,694,151	54,762,024	2	0	2	1
Case 4	18	54,763,828	55,139,617	1	0	1	0
Case 4	18	55,140,604	55,152,944	2	0	2	1
Case 4	18	55,153,371	55,783,683	1	0	1	0
Case 4	18	55,786,359	55,800,365	2	0	2	1
Case 4	18	55,806,329	55,906,519	1	0	1	0
Case 4	18	55,906,899	55,929,965	2	0	2	1
Case 4	18	55,931,179	55,960,271	1	0	1	0
Case 4	18	55,963,508	55,985,124	2	0	2	1
Case 4	18	55,990,881	56,033,914	1	0	1	0
Case 4	18	56,037,488	56,085,917	2	0	2	1
Case 4	18	56,093,999	56,115,386	1	0	1	0
Case 4	18	56,115,825	56,203,837	2	0	2	1
Case 4	18	56,203,898	56,204,862	1	0	1	0
Case 4	18	56,204,932	56,219,590	2	0	2	1
Case 4	18	56,221,422	56,246,437	1	0	1	0
Case 4	18	56,246,450	56,247,152	2	0	2	1
Case 4	18	56,247,180	56,444,821	1	0	1	0
Case 4	18	56,445,257	56,468,061	2	0	2	1
Case 4	18	56,471,617	56,702,945	1	0	1	0
Case 4	18	56,705,616	56,730,717	2	0	2	1
Case 4	18	56,732,513	56,852,972	1	0	1	0
Case 4	18	56,855,621	56,882,326	2	0	2	1
Case 4	18	56,883,319	57,136,354	1	0	1	0
Case 4	18	57,136,725	57,137,703	2	0	2	1
Case 4	18	57,138,042	57,323,879	1	0	1	0
Case 4	18	57,331,658	57,372,654	2	0	2	1
Case 4	18	57,376,365	58,038,332	1	0	1	0



Case 4	18	58,038,777	58,039,478	2	0	2	1
Case 4	18	58,039,760	58,322,781	1	0	1	0
Case 4	18	58,324,321	58,342,734	2	0	2	1
Case 4	18	58,349,027	59,262,689	1	0	1	0
Case 4	18	59,262,831	59,274,791	2	0	2	1
Case 4	18	59,275,480	59,515,764	1	0	1	0
Case 4	18	59,521,666	59,547,778	2	0	2	1
Case 4	18	59,548,975	59,613,278	1	0	1	0
Case 4	18	59,619,843	59,652,396	2	0	2	1
Case 4	18	59,657,583	59,984,822	1	0	1	0
Case 4	18	59,997,434	60,021,761	2	0	2	1
Case 4	18	60,023,794	60,102,383	1	0	1	0
Case 4	18	60,104,170	60,111,237	2	0	2	1
Case 4	18	60,111,781	60,672,468	1	0	1	0
Case 4	18	60,673,791	60,690,246	2	0	2	1
Case 4	18	60,691,723	60,922,851	1	0	1	0
Case 4	18	60,926,161	60,943,551	2	0	2	1
Case 4	18	60,947,111	61,251,444	1	0	1	0
Case 4	18	61,253,490	61,260,157	2	0	2	1
Case 4	18	61,260,167	61,388,143	1	0	1	0
Case 4	18	61,389,943	61,394,140	2	0	2	1
Case 4	18	61,398,078	63,025,746	1	0	1	0
Case 4	18	63,030,638	63,031,248	2	0	2	1
Case 4	18	63,031,505	67,391,909	1	0	1	0
Case 4	18	67,392,298	67,404,128	2	0	2	1
Case 4	18	67,406,840	67,869,834	1	0	1	0
Case 4	18	67,871,343	67,877,560	2	0	2	1
Case 4	18	67,880,403	67,902,991	1	0	1	0
Case 4	18	67,913,141	67,920,869	2	0	2	1
Case 4	18	67,934,379	68,062,834	1	0	1	0
Case 4	18	68,062,874	68,096,748	2	0	2	1
Case 4	18	68,103,850	68,446,262	1	0	1	0
Case 4	18	68,449,616	68,491,824	2	0	2	1
Case 4	18	68,497,445	71,381,332	1	0	1	0
Case 4	18	71,382,855	71,383,800	2	0	2	1
Case 4	18	71,385,891	71,402,735	1	0	1	0
Case 4	18	71,403,342	71,412,693	2	0	2	1
Case 4	18	71,414,167	71,486,616	1	0	1	0
Case 4	18	71,487,700	71,507,880	2	0	2	1
Case 4	18	71,509,006	71,879,183	1	0	1	0
Case 4	18	71,882,535	71,920,841	2	0	2	1
Case 4	18	71,922,519	72,076,567	1	0	1	0
Case 4	18	72,078,423	72,113,201	2	0	2	1
Case 4	18	72,114,038	72,173,245	1	0	1	0
Case 4	18	72,174,701	72,187,612	2	0	2	1
Case 4	18	72,188,347	72,228,136	1	0	1	0
Case 4	18	72,228,269	72,252,137	2	0	2	1
Case 4	18	72,253,738	72,734,429	1	0	1	0
Case 4	18	72,738,855	72,775,691	2	0	2	1
Case 4	18	72,775,754	72,785,291	1	0	1	0
Case 4	18	72,786,303	72,802,103	2	0	2	1
Case 4	18	72,802,124	72,866,264	1	0	1	0
Case 4	18	72,866,273	72,914,003	2	0	2	1
Case 4	18	72,914,075	72,983,960	1	0	1	0
Case 4	18	72,984,180	73,000,088	2	0	2	1
Case 4	18	73,000,141	73,089,473	1	0	1	0
Case 4	18	73,089,860	73,098,790	2	0	2	1
Case 4	18	73,099,691	73,855,671	1	0	1	0
Case 4	18	73,856,073	73,869,836	2	0	2	1
Case 4	18	73,870,880	74,091,393	1	0	1	0
Case 4	18	74,091,434	74,091,961	2	0	2	1

Case 4	18	74,091,962	74,271,486	1	0	1	0
Case 4	18	74,273,213	74,291,344	2	0	2	1
Case 4	18	74,291,756	74,726,712	1	0	1	0
Case 4	18	74,727,631	74,737,942	2	0	2	1
Case 4	18	74,739,022	74,765,400	1	0	1	0
Case 4	18	74,768,504	74,779,866	2	0	2	1
Case 4	18	74,782,069	74,892,855	1	0	1	0
Case 4	18	74,894,653	74,900,914	2	0	2	1
Case 4	18	74,904,461	74,954,477	1	0	1	0
Case 4	18	74,955,217	74,966,206	2	0	2	1
Case 4	18	74,967,894	76,326,716	1	0	1	0
Case 4	18	76,337,612	76,368,437	2	0	2	1
Case 4	18	76,369,138	77,171,061	1	0	1	0
Case 4	18	77,171,089	77,227,918	2	0	2	1
Case 4	18	77,230,409	77,343,164	1	0	1	0
Case 4	18	77,346,682	77,400,047	2	0	2	1
Case 4	18	77,405,529	77,802,196	1	0	1	0
Case 4	18	77,804,233	77,806,070	2	0	2	1
Case 4	18	77,813,395	78,015,180	1	0	1	0
Case 4	19	260,912	9,054,279	1	1	2	0
Case 4	19	9,056,232	9,056,233	1	0	1	0
Case 4	19	9,056,616	24,629,285	1	1	2	0
Case 4	19	27,732,159	41,355,999	1	1	2	0
Case 4	19	41,356,054	41,365,095	1	0	1	0
Case 4	19	41,379,148	55,294,329	1	1	2	0
Case 4	19	55,315,347	55,332,601	1	0	1	0
Case 4	19	55,346,544	59,097,160	1	1	2	0
Case 4	20	63,244	26,293,985	1	1	2	0
Case 4	20	29,425,357	62,948,788	1	1	2	0
Case 4	21	10,827,533	10,906,936	1	1	2	0
Case 4	21	10,908,848	10,916,412	1	0	1	0
Case 4	21	10,916,435	10,971,337	1	1	2	0
Case 4	21	14,368,320	23,654,246	1	1	2	0
Case 4	21	23,655,900	23,661,835	1	0	1	0
Case 4	21	23,672,710	48,100,155	1	1	2	0
Case 4	22	16,114,244	26,769,308	1	1	2	0
Case 4	22	26,769,441	51,195,728	2	0	2	1
Case 6	1	82,154	39,581,931	1	1	2	0
Case 6	1	39,583,686	39,963,873	1	0	1	0
Case 6	1	39,965,761	121,346,616	1	1	2	0
Case 6	1	142,649,718	227,834,400	1	1	2	0
Case 6	1	227,839,384	227,843,423	0	0	0	0
Case 6	1	227,862,055	236,714,064	1	1	2	0
Case 6	1	236,716,888	236,793,400	1	0	1	0
Case 6	1	236,796,979	247,012,943	1	1	2	0
Case 6	1	247,013,492	247,320,868	1	0	1	0
Case 6	1	247,322,344	249,218,992	1	1	2	0
Case 6	2	18,674	73,613,030	1	1	2	0
Case 6	2	73,613,031	73,718,084	1	0	1	0
Case 6	2	73,718,231	92,081,640	1	1	2	0
Case 6	2	95,429,424	135,744,007	1	1	2	0
Case 6	2	135,744,019	136,462,661	1	0	1	0
Case 6	2	136,467,791	152,127,340	1	1	2	0
Case 6	2	152,128,196	152,375,532	1	0	1	0
Case 6	2	152,376,170	170,356,065	1	1	2	0
Case 6	2	170,359,113	170,592,709	1	0	1	0
Case 6	2	170,594,091	196,545,348	1	1	2	0
Case 6	2	196,545,710	196,894,770	1	0	1	0
Case 6	2	196,912,067	201,407,372	1	1	2	0
Case 6	2	201,412,611	201,438,376	0	0	0	0
Case 6	2	201,438,497	243,048,760	1	1	2	0

Case 6	3	61,495	44,609,875	1	1	2	0
Case 6	3	44,611,558	44,905,834	1	0	1	0
Case 6	3	44,906,575	90,128,803	1	1	2	0
Case 6	3	90,138,312	90,442,925	1	0	1	0
Case 6	3	93,537,290	93,935,874	1	0	1	0
Case 6	3	93,946,101	121,414,061	1	1	2	0
Case 6	3	121,414,165	121,658,376	1	0	1	0
Case 6	3	121,659,197	180,320,969	1	1	2	0
Case 6	3	180,321,090	180,433,154	1	0	1	0
Case 6	3	180,433,381	197,838,262	1	1	2	0
Case 6	4	71,566	75,174	1	1	2	0
Case 6	4	85,422	515,489	1	0	1	0
Case 6	4	515,503	2,073,958	1	1	2	0
Case 6	4	2,074,526	2,306,339	1	0	1	0
Case 6	4	2,306,356	49,620,898	1	1	2	0
Case 6	4	52,697,856	56,596,987	1	1	2	0
Case 6	4	56,599,963	56,924,685	1	0	1	0
Case 6	4	56,945,325	83,765,632	1	1	2	0
Case 6	4	83,765,643	84,374,630	1	0	1	0
Case 6	4	84,374,657	113,434,057	1	1	2	0
Case 6	4	113,435,847	113,609,023	1	0	1	0
Case 6	4	113,617,694	190,963,766	1	1	2	0
Case 6	5	38,139	31,656,439	1	1	2	0
Case 6	5	31,657,098	32,035,855	2	1	3	0
Case 6	5	32,037,337	33,832,015	1	1	2	0
Case 6	5	33,835,353	34,757,670	2	1	3	0
Case 6	5	34,758,301	37,696,178	1	1	2	0
Case 6	5	37,697,814	40,025,962	2	1	3	0
Case 6	5	40,027,012	41,895,460	3	1	4	0
Case 6	5	41,898,342	45,840,303	3	0	3	1
Case 6	5	45,841,630	46,399,093	1	1	2	0
Case 6	5	49,457,282	77,359,088	1	1	2	0
Case 6	5	77,389,973	77,616,951	1	0	1	0
Case 6	5	77,618,179	79,029,594	1	1	2	0
Case 6	5	79,029,675	79,047,891	1	0	1	0
Case 6	5	79,048,562	79,598,589	1	1	2	0
Case 6	5	79,600,508	80,164,943	1	0	1	0
Case 6	5	80,168,005	137,088,234	1	1	2	0
Case 6	5	137,088,945	137,523,527	1	0	1	0
Case 6	5	137,525,322	139,931,652	1	1	2	0
Case 6	5	139,931,653	139,931,739	7	0	7	1
Case 6	5	139,931,740	180,693,127	1	1	2	0
Case 6	6	108,666	32,212,985	1	1	2	0
Case 6	6	32,213,008	32,453,191	1	0	1	0
Case 6	6	32,487,416	32,651,117	1	1	2	0
Case 6	6	32,651,894	32,765,182	1	0	1	0
Case 6	6	32,765,451	33,025,700	1	1	2	0
Case 6	6	33,026,110	33,053,640	3	0	3	1
Case 6	6	33,053,682	58,752,089	1	1	2	0
Case 6	6	61,891,118	170,980,171	1	1	2	0
Case 6	7	44,935	2,566,503	2	0	2	1
Case 6	7	2,566,518	2,625,862	1	1	2	0
Case 6	7	2,625,966	4,370,566	2	1	3	0
Case 6	7	4,371,785	7,670,797	2	0	2	1
Case 6	7	7,672,023	7,795,531	1	1	2	0
Case 6	7	7,796,495	17,359,594	2	1	3	0
Case 6	7	17,360,302	17,407,061	1	1	2	0
Case 6	7	17,425,895	17,467,225	7	0	7	1
Case 6	7	17,472,677	17,478,578	1	1	2	0
Case 6	7	17,480,994	19,003,032	2	1	3	0
Case 6	7	19,007,884	20,754,975	2	0	2	1

Case 6	7	20,761,221	20,970,137	1	1	2	0
Case 6	7	20,972,111	22,767,206	2	1	3	0
Case 6	7	22,767,433	24,058,149	1	1	2	0
Case 6	7	24,061,417	43,635,671	2	1	3	0
Case 6	7	43,643,835	43,643,835	2	0	2	1
Case 6	7	43,647,859	45,161,049	1	1	2	0
Case 6	7	45,165,116	47,849,120	2	1	3	0
Case 6	7	47,851,455	48,451,950	1	1	2	0
Case 6	7	48,451,975	52,131,514	2	1	3	0
Case 6	7	52,135,471	57,878,853	1	1	2	0
Case 6	7	57,882,950	58,019,061	1	0	1	0
Case 6	7	61,056,053	64,389,089	1	0	1	0
Case 6	7	64,393,948	64,541,586	1	1	2	0
Case 6	7	64,566,009	65,202,326	0	0	0	0
Case 6	7	65,203,587	100,676,409	1	1	2	0
Case 6	7	100,676,463	100,679,754	1	0	1	0
Case 6	7	100,679,760	100,685,103	0	0	0	0
Case 6	7	100,685,196	100,685,612	1	0	1	0
Case 6	7	100,685,634	149,548,591	1	1	2	0
Case 6	7	149,551,993	149,787,501	7	0	7	1
Case 6	7	149,806,076	159,119,486	1	1	2	0
Case 6	8	164,984	195,607	1	1	2	0
Case 6	8	195,679	196,274	0	0	0	0
Case 6	8	196,327	27,633,972	1	1	2	0
Case 6	8	27,634,004	27,645,704	0	0	0	0
Case 6	8	27,649,495	43,791,691	1	1	2	0
Case 6	8	46,886,735	118,284,380	1	1	2	0
Case 6	8	118,288,747	119,209,187	2	1	3	0
Case 6	8	119,209,773	146,293,414	1	1	2	0
Case 6	9	46,587	2,072,470	1	1	2	0
Case 6	9	2,073,292	2,301,692	2	1	3	0
Case 6	9	2,302,693	3,593,961	1	1	2	0
Case 6	9	3,594,049	4,088,934	2	1	3	0
Case 6	9	4,089,046	7,408,763	1	1	2	0
Case 6	9	7,411,160	7,949,546	2	1	3	0
Case 6	9	7,951,024	12,351,464	1	1	2	0
Case 6	9	12,352,035	13,150,558	2	1	3	0
Case 6	9	13,150,616	16,020,997	1	1	2	0
Case 6	9	16,022,910	16,629,024	2	1	3	0
Case 6	9	16,629,923	18,301,446	1	1	2	0
Case 6	9	18,302,439	18,927,768	2	1	3	0
Case 6	9	18,927,818	20,032,728	1	1	2	0
Case 6	9	20,033,087	20,273,783	2	1	3	0
Case 6	9	20,273,793	46,944,322	1	1	2	0
Case 6	9	65,629,772	95,062,278	1	1	2	0
Case 6	9	95,063,947	95,218,599	1	0	1	0
Case 6	9	95,218,829	99,521,119	1	1	2	0
Case 6	9	99,521,123	99,522,706	0	0	0	0
Case 6	9	99,525,487	135,934,431	1	1	2	0
Case 6	9	135,940,433	135,955,672	7	0	7	1
Case 6	9	135,957,091	141,066,491	1	1	2	0
Case 6	10	98,087	27,264,859	1	1	2	0
Case 6	10	27,265,641	27,508,758	1	0	1	0
Case 6	10	27,512,335	38,304,186	1	1	2	0
Case 6	10	38,314,056	39,097,912	1	0	1	0
Case 6	10	42,436,301	43,341,105	1	0	1	0
Case 6	10	43,341,976	64,893,433	1	1	2	0
Case 6	10	64,894,047	65,370,041	1	0	1	0
Case 6	10	65,376,395	91,488,979	1	1	2	0
Case 6	10	91,490,087	91,514,423	0	0	0	0
Case 6	10	91,518,638	93,501,876	1	1	2	0

Case 6	10	93,526,562	94,805,665	1	0	1	0
Case 6	10	94,809,609	105,883,395	1	1	2	0
Case 6	10	105,883,704	106,031,030	1	0	1	0
Case 6	10	106,031,195	135,348,026	1	1	2	0
Case 6	10	135,348,257	135,477,883	1	0	1	0
Case 6	11	193,146	7,799,392	1	1	2	0
Case 6	11	7,801,547	7,846,941	0	0	0	0
Case 6	11	7,846,999	50,237,640	1	1	2	0
Case 6	11	50,238,588	51,411,542	1	0	1	0
Case 6	11	51,411,543	51,591,253	1	1	2	0
Case 6	11	54,794,237	81,498,152	1	1	2	0
Case 6	11	81,503,992	81,525,713	0	0	0	0
Case 6	11	81,526,573	102,877,513	1	1	2	0
Case 6	11	102,877,651	103,185,959	1	0	1	0
Case 6	11	103,190,054	108,057,226	1	1	2	0
Case 6	11	108,057,279	108,332,267	1	0	1	0
Case 6	11	108,333,536	134,934,063	1	1	2	0
Case 6	12	191,619	21,045,152	1	1	2	0
Case 6	12	21,045,694	21,408,845	1	0	1	0
Case 6	12	21,409,295	34,181,011	1	1	2	0
Case 6	12	34,184,679	34,853,011	1	0	1	0
Case 6	12	37,876,400	38,514,872	1	0	1	0
Case 6	12	38,528,487	123,794,022	1	1	2	0
Case 6	12	123,794,097	124,134,802	1	0	1	0
Case 6	12	124,136,607	133,728,485	1	1	2	0
Case 6	12	133,729,999	133,810,935	1	0	1	0
Case 6	13	19,058,717	35,474,185	1	1	2	0
Case 6	13	35,488,617	36,006,522	1	0	1	0
Case 6	13	36,009,566	96,370,293	1	1	2	0
Case 6	13	96,374,386	96,676,124	1	0	1	0
Case 6	13	96,690,806	115,103,529	1	1	2	0
Case 6	14	19,280,733	19,964,076	1	1	2	0
Case 6	14	20,213,937	20,416,499	3	0	3	1
Case 6	14	20,420,338	22,536,071	1	1	2	0
Case 6	14	22,536,550	22,970,327	2	2	4	0
Case 6	14	22,972,815	39,519,415	1	1	2	0
Case 6	14	39,530,997	39,871,004	1	0	1	0
Case 6	14	39,893,535	45,403,459	1	1	2	0
Case 6	14	45,403,679	45,696,948	1	0	1	0
Case 6	14	45,699,237	58,719,699	1	1	2	0
Case 6	14	58,727,738	59,039,168	1	0	1	0
Case 6	14	59,040,191	63,991,111	1	1	2	0
Case 6	14	63,994,731	64,536,699	1	0	1	0
Case 6	14	64,536,713	92,439,059	1	1	2	0
Case 6	14	92,439,123	92,471,963	0	0	0	0
Case 6	14	92,472,017	92,477,364	1	0	1	0
Case 6	14	92,477,376	96,738,473	1	1	2	0
Case 6	14	96,739,847	96,846,092	1	0	1	0
Case 6	14	96,848,757	107,287,663	1	1	2	0
Case 6	15	20,034,919	20,191,741	1	1	2	0
Case 6	15	20,192,086	22,410,067	0	0	0	0
Case 6	15	22,427,966	72,174,611	1	1	2	0
Case 6	15	72,175,950	72,366,667	1	0	1	0
Case 6	15	72,368,847	102,461,162	1	1	2	0
Case 6	16	88,165	1,397,597	1	1	2	0
Case 6	16	1,397,698	1,918,157	1	0	1	0
Case 6	16	1,926,642	28,608,487	1	1	2	0
Case 6	16	28,615,243	28,620,752	7	0	7	1
Case 6	16	28,628,143	35,285,582	1	1	2	0
Case 6	16	46,450,037	90,274,695	1	1	2	0
Case 6	17	11,885	10,295,924	1	1	2	0

Case 6	17	10,295,963	10,438,691	1	0	1	0
Case 6	17	10,440,380	22,242,355	1	1	2	0
Case 6	17	25,268,142	59,913,158	1	1	2	0
Case 6	17	59,914,915	60,631,102	1	0	1	0
Case 6	17	60,651,381	81,060,040	1	1	2	0
Case 6	18	87,505	9,254,308	1	1	2	0
Case 6	18	9,254,406	9,264,690	1	0	1	0
Case 6	18	9,278,180	15,375,878	1	1	2	0
Case 6	18	18,520,354	78,015,180	1	1	2	0
Case 6	19	260,912	2,833,943	1	1	2	0
Case 6	19	2,834,080	2,939,396	1	0	1	0
Case 6	19	2,947,152	9,203,994	1	1	2	0
Case 6	19	9,204,038	9,921,657	1	0	1	0
Case 6	19	9,921,708	11,710,309	1	1	2	0
Case 6	19	11,712,531	12,738,543	1	0	1	0
Case 6	19	12,738,882	19,772,497	1	1	2	0
Case 6	19	19,772,856	19,824,850	0	0	0	0
Case 6	19	19,842,053	20,497,400	1	1	2	0
Case 6	19	20,499,493	20,808,384	0	0	0	0
Case 6	19	20,809,176	21,009,030	1	1	2	0
Case 6	19	21,009,270	24,629,285	1	0	1	0
Case 6	19	27,732,159	28,101,122	1	0	1	0
Case 6	19	28,127,201	36,674,347	1	1	2	0
Case 6	19	36,674,390	38,167,971	1	0	1	0
Case 6	19	38,168,913	40,502,943	1	1	2	0
Case 6	19	40,513,191	40,657,509	0	0	0	0
Case 6	19	40,658,577	41,341,589	1	1	2	0
Case 6	19	41,350,895	41,463,489	0	0	0	0
Case 6	19	41,465,130	44,350,718	1	1	2	0
Case 6	19	44,350,728	44,986,702	1	0	1	0
Case 6	19	44,988,639	52,490,420	1	1	2	0
Case 6	19	52,491,250	54,080,796	1	0	1	0
Case 6	19	54,080,999	56,910,989	1	1	2	0
Case 6	19	56,914,994	57,089,556	1	0	1	0
Case 6	19	57,089,562	57,748,385	1	1	2	0
Case 6	19	57,755,055	58,491,140	1	0	1	0
Case 6	19	58,491,149	59,097,160	1	1	2	0
Case 6	20	63,244	26,293,985	1	1	2	0
Case 6	20	29,425,357	58,384,451	1	1	2	0
Case 6	20	58,385,073	58,560,080	1	0	1	0
Case 6	20	58,560,086	62,948,788	1	1	2	0
Case 6	21	10,827,533	10,971,337	1	1	2	0
Case 6	21	14,368,320	48,100,155	1	1	2	0
Case 6	22	16,114,244	51,195,728	1	1	2	0
Case 14	1	82,154	838,555	1	0	1	0
Case 14	1	846,808	1,403,821	2	0	2	1
Case 14	1	1,404,809	1,412,659	1	0	1	0
Case 14	1	1,415,012	1,451,415	0	0	0	0
Case 14	1	1,458,567	1,688,694	2	0	2	1
Case 14	1	1,690,544	4,202,818	1	0	1	0
Case 14	1	4,206,210	4,240,178	2	0	2	1
Case 14	1	4,250,933	5,330,415	1	0	1	0
Case 14	1	5,333,340	5,401,364	2	0	2	1
Case 14	1	5,403,031	6,038,352	1	0	1	0
Case 14	1	6,038,433	6,129,864	2	0	2	1
Case 14	1	6,141,325	7,549,488	1	0	1	0
Case 14	1	7,550,126	7,698,163	2	0	2	1
Case 14	1	7,700,514	8,834,706	1	0	1	0
Case 14	1	8,839,300	11,002,488	2	0	2	1
Case 14	1	11,004,245	11,008,864	1	0	1	0
Case 14	1	11,008,870	16,053,633	2	0	2	1

Case 14	1	16,053,682	16,093,946	1	0	1	0
Case 14	1	16,095,093	28,298,951	2	0	2	1
Case 14	1	28,299,346	28,785,665	1	0	1	0
Case 14	1	28,792,199	30,322,046	1	1	2	0
Case 14	1	30,322,367	30,362,080	1	0	1	0
Case 14	1	30,364,629	32,875,280	2	0	2	1
Case 14	1	32,879,586	33,100,815	1	0	1	0
Case 14	1	33,116,103	35,403,677	2	0	2	1
Case 14	1	35,428,428	35,847,032	1	0	1	0
Case 14	1	35,847,342	39,877,514	2	0	2	1
Case 14	1	39,877,829	39,956,246	1	0	1	0
Case 14	1	39,963,873	47,746,675	2	0	2	1
Case 14	1	47,747,445	47,820,192	1	0	1	0
Case 14	1	47,834,152	49,336,456	1	1	2	0
Case 14	1	49,341,731	50,577,654	1	0	1	0
Case 14	1	50,580,823	52,631,292	2	0	2	1
Case 14	1	52,636,517	52,798,576	1	0	1	0
Case 14	1	52,803,503	53,180,716	2	0	2	1
Case 14	1	53,185,631	53,489,132	1	0	1	0
Case 14	1	53,489,668	56,326,293	2	0	2	1
Case 14	1	56,328,238	56,394,673	1	0	1	0
Case 14	1	56,398,037	57,103,219	2	0	2	1
Case 14	1	57,103,362	57,209,853	1	0	1	0
Case 14	1	57,209,907	62,101,673	2	0	2	1
Case 14	1	62,102,307	62,673,126	1	0	1	0
Case 14	1	62,673,225	62,743,398	2	0	2	1
Case 14	1	62,745,206	63,069,736	1	0	1	0
Case 14	1	63,072,265	63,798,761	2	0	2	1
Case 14	1	63,799,525	64,002,856	1	0	1	0
Case 14	1	64,011,657	66,170,362	2	0	2	1
Case 14	1	66,171,001	66,736,001	1	0	1	0
Case 14	1	66,736,142	67,539,356	1	1	2	0
Case 14	1	67,543,884	67,790,598	1	0	1	0
Case 14	1	67,791,736	68,792,113	1	1	2	0
Case 14	1	68,797,702	68,865,445	1	0	1	0
Case 14	1	68,870,956	69,460,182	2	0	2	1
Case 14	1	69,465,401	70,877,779	1	0	1	0
Case 14	1	70,877,964	71,379,180	2	0	2	1
Case 14	1	71,380,051	74,716,413	1	0	1	0
Case 14	1	74,716,443	75,086,496	2	0	2	1
Case 14	1	75,086,510	76,540,210	1	0	1	0
Case 14	1	76,549,233	77,168,568	2	0	2	1
Case 14	1	77,170,017	77,695,541	1	0	1	0
Case 14	1	77,695,854	78,178,961	2	0	2	1
Case 14	1	78,180,445	78,510,544	1	0	1	0
Case 14	1	78,511,960	79,382,009	2	0	2	1
Case 14	1	79,382,535	82,456,341	1	0	1	0
Case 14	1	82,456,381	82,852,017	2	0	2	1
Case 14	1	82,860,892	83,340,310	1	0	1	0
Case 14	1	83,346,145	85,003,568	2	0	2	1
Case 14	1	85,007,613	85,091,557	1	0	1	0
Case 14	1	85,092,463	88,791,432	2	0	2	1
Case 14	1	88,802,012	89,388,944	1	0	1	0
Case 14	1	89,399,431	90,400,944	2	0	2	1
Case 14	1	90,401,062	91,018,205	1	1	2	0
Case 14	1	91,023,890	91,023,890	2	0	2	1
Case 14	1	91,028,707	91,173,988	1	0	1	0
Case 14	1	91,175,419	91,321,687	2	0	2	1
Case 14	1	91,325,323	91,919,058	1	0	1	0
Case 14	1	91,919,533	92,274,817	2	0	2	1
Case 14	1	92,285,875	93,518,578	1	0	1	0

Case 14	1	93,523,083	96,528,940	2	0	2	1
Case 14	1	96,537,564	97,385,644	1	0	1	0
Case 14	1	97,397,211	97,609,326	2	0	2	1
Case 14	1	97,610,026	99,956,800	1	0	1	0
Case 14	1	99,957,207	100,195,206	1	1	2	0
Case 14	1	100,195,231	100,661,842	1	0	1	0
Case 14	1	100,672,060	102,326,159	2	0	2	1
Case 14	1	102,341,819	107,547,919	1	0	1	0
Case 14	1	107,548,745	108,116,715	2	0	2	1
Case 14	1	108,124,480	108,414,230	1	0	1	0
Case 14	1	108,415,314	109,404,282	2	0	2	1
Case 14	1	109,407,730	109,477,470	1	0	1	0
Case 14	1	109,479,829	110,882,499	2	0	2	1
Case 14	1	110,882,536	110,921,952	1	0	1	0
Case 14	1	110,922,140	111,060,752	1	1	2	0
Case 14	1	111,060,922	111,061,062	1	0	1	0
Case 14	1	111,061,066	113,290,694	2	0	2	1
Case 14	1	113,292,658	113,637,055	1	0	1	0
Case 14	1	113,637,071	114,938,175	2	0	2	1
Case 14	1	114,940,386	115,215,833	1	0	1	0
Case 14	1	115,216,359	115,280,462	2	0	2	1
Case 14	1	115,280,587	115,490,918	1	0	1	0
Case 14	1	115,492,398	118,784,987	2	0	2	1
Case 14	1	118,787,119	119,372,737	1	0	1	0
Case 14	1	119,373,309	121,346,616	2	0	2	1
Case 14	1	142,649,718	150,804,813	2	0	2	1
Case 14	1	150,807,249	150,857,664	1	0	1	0
Case 14	1	150,860,471	154,438,880	2	0	2	1
Case 14	1	154,450,730	179,695,998	2	1	3	0
Case 14	1	179,700,133	179,794,602	1	1	2	0
Case 14	1	179,795,505	205,921,859	2	1	3	0
Case 14	1	206,180,987	206,257,802	2	0	2	1
Case 14	1	206,266,889	233,154,981	2	1	3	0
Case 14	1	233,157,853	233,256,280	2	0	2	1
Case 14	1	233,262,943	235,715,523	2	1	3	0
Case 14	1	235,717,340	240,396,790	1	1	2	0
Case 14	1	240,396,842	240,660,818	1	0	1	0
Case 14	1	240,666,156	242,140,841	1	1	2	0
Case 14	1	242,148,832	242,332,289	1	0	1	0
Case 14	1	242,342,504	243,609,927	1	1	2	0
Case 14	1	243,613,748	244,160,904	1	0	1	0
Case 14	1	244,161,728	245,811,646	1	1	2	0
Case 14	1	245,813,813	245,932,939	2	1	3	0
Case 14	1	245,936,738	247,142,532	1	0	1	0
Case 14	1	247,145,690	247,207,285	0	0	0	0
Case 14	1	247,226,344	247,226,344	2	0	2	1
Case 14	1	247,236,374	247,715,998	1	0	1	0
Case 14	1	247,719,377	248,059,856	2	1	3	0
Case 14	1	248,060,541	249,218,992	1	1	2	0
Case 14	2	18,674	92,081,640	1	1	2	0
Case 14	2	95,429,424	241,722,018	1	1	2	0
Case 14	2	241,722,445	241,957,677	1	0	1	0
Case 14	2	241,961,346	243,048,760	1	1	2	0
Case 14	3	61,495	678,347	2	0	2	1
Case 14	3	684,744	1,082,282	1	0	1	0
Case 14	3	1,086,912	1,175,950	2	0	2	1
Case 14	3	1,183,679	1,296,579	1	0	1	0
Case 14	3	1,297,263	1,419,010	1	1	2	0
Case 14	3	1,420,284	1,467,675	1	0	1	0
Case 14	3	1,470,616	5,925,079	2	0	2	1
Case 14	3	5,926,673	6,293,480	1	0	1	0



Case 14	3	6,293,907	27,472,936	2	0	2	1
Case 14	3	27,473,124	27,635,608	1	0	1	0
Case 14	3	27,638,500	27,827,733	2	0	2	1
Case 14	3	27,833,251	27,991,802	1	0	1	0
Case 14	3	28,005,890	35,982,130	2	0	2	1
Case 14	3	35,987,406	36,189,216	1	0	1	0
Case 14	3	36,190,651	44,763,273	2	0	2	1
Case 14	3	44,763,766	44,854,614	1	0	1	0
Case 14	3	44,856,496	60,263,721	2	0	2	1
Case 14	3	60,267,024	61,262,149	1	0	1	0
Case 14	3	61,267,416	76,749,882	2	0	2	1
Case 14	3	76,753,766	78,615,037	1	0	1	0
Case 14	3	78,617,646	79,562,067	2	0	2	1
Case 14	3	79,567,629	80,171,401	1	0	1	0
Case 14	3	80,173,567	82,787,794	2	0	2	1
Case 14	3	82,788,885	85,533,359	1	0	1	0
Case 14	3	85,551,820	89,450,464	2	0	2	1
Case 14	3	89,456,470	90,442,925	1	0	1	0
Case 14	3	93,537,290	93,772,081	1	0	1	0
Case 14	3	93,775,411	94,596,072	2	0	2	1
Case 14	3	94,601,094	95,105,974	1	0	1	0
Case 14	3	95,108,147	95,633,649	2	0	2	1
Case 14	3	95,638,744	97,045,121	1	0	1	0
Case 14	3	97,059,115	102,506,798	2	0	2	1
Case 14	3	102,521,272	104,106,742	1	0	1	0
Case 14	3	104,106,807	137,882,949	2	0	2	1
Case 14	3	137,890,531	138,052,754	1	0	1	0
Case 14	3	138,053,187	144,291,254	2	0	2	1
Case 14	3	144,298,314	144,356,717	1	0	1	0
Case 14	3	144,358,592	147,340,091	2	0	2	1
Case 14	3	147,341,672	147,484,611	1	0	1	0
Case 14	3	147,492,616	149,993,405	2	0	2	1
Case 14	3	149,994,882	150,034,556	3	0	3	1
Case 14	3	150,035,821	152,711,310	2	0	2	1
Case 14	3	152,715,720	153,280,557	1	0	1	0
Case 14	3	153,284,777	155,457,386	2	0	2	1
Case 14	3	155,465,491	155,723,064	1	0	1	0
Case 14	3	155,725,030	156,029,020	2	0	2	1
Case 14	3	156,032,178	156,157,738	1	0	1	0
Case 14	3	156,158,932	162,012,615	2	0	2	1
Case 14	3	162,049,078	162,227,870	1	0	1	0
Case 14	3	162,237,495	163,033,205	2	0	2	1
Case 14	3	163,048,842	164,515,528	1	0	1	0
Case 14	3	164,524,259	165,711,873	2	0	2	1
Case 14	3	165,751,527	166,745,700	1	0	1	0
Case 14	3	166,745,838	183,690,243	2	0	2	1
Case 14	3	183,690,265	183,722,591	1	0	1	0
Case 14	3	183,722,779	191,348,064	2	0	2	1
Case 14	3	191,348,677	191,432,503	1	0	1	0
Case 14	3	191,433,799	194,448,231	2	0	2	1
Case 14	3	194,452,392	194,532,442	1	0	1	0
Case 14	3	194,533,470	195,791,240	2	0	2	1
Case 14	3	195,791,279	195,809,139	1	0	1	0
Case 14	3	195,815,594	197,838,262	2	0	2	1
Case 14	4	71,566	504,012	1	0	1	0
Case 14	4	509,850	2,132,961	2	0	2	1
Case 14	4	2,137,283	2,252,881	1	0	1	0
Case 14	4	2,256,716	8,645,076	2	0	2	1
Case 14	4	8,647,103	9,722,133	1	0	1	0
Case 14	4	9,724,519	10,388,610	2	0	2	1
Case 14	4	10,398,427	10,557,861	1	0	1	0

Case 14	4	10,559,041	12,578,444	2	0	2	1
Case 14	4	12,579,381	12,888,995	1	0	1	0
Case 14	4	12,889,196	13,359,047	1	1	2	0
Case 14	4	13,360,630	13,570,152	1	0	1	0
Case 14	4	13,571,720	14,349,700	2	0	2	1
Case 14	4	14,350,981	14,533,433	1	0	1	0
Case 14	4	14,539,140	14,955,398	2	0	2	1
Case 14	4	14,962,496	15,342,608	1	0	1	0
Case 14	4	15,353,889	18,752,731	2	0	2	1
Case 14	4	18,752,760	19,517,296	1	0	1	0
Case 14	4	19,525,991	19,684,918	0	0	0	0
Case 14	4	19,696,428	19,740,879	2	0	2	1
Case 14	4	19,751,585	20,749,299	1	0	1	0
Case 14	4	20,751,278	22,090,754	2	0	2	1
Case 14	4	22,091,384	22,293,243	1	0	1	0
Case 14	4	22,297,899	22,962,472	2	0	2	1
Case 14	4	22,979,347	23,730,887	1	0	1	0
Case 14	4	23,732,218	25,133,669	2	0	2	1
Case 14	4	25,135,095	25,382,783	1	0	1	0
Case 14	4	25,386,559	26,275,139	2	0	2	1
Case 14	4	26,275,336	26,756,541	1	0	1	0
Case 14	4	26,756,855	27,324,215	2	0	2	1
Case 14	4	27,326,253	30,476,154	1	0	1	0
Case 14	4	30,478,873	30,726,226	2	0	2	1
Case 14	4	30,727,233	35,873,240	1	0	1	0
Case 14	4	35,873,980	36,350,425	2	0	2	1
Case 14	4	36,350,641	37,034,349	1	0	1	0
Case 14	4	37,036,317	37,848,578	2	0	2	1
Case 14	4	37,848,697	37,884,481	1	0	1	0
Case 14	4	37,885,195	39,538,357	2	0	2	1
Case 14	4	39,548,112	40,158,464	1	0	1	0
Case 14	4	40,162,971	40,590,908	2	0	2	1
Case 14	4	40,594,008	40,800,878	1	0	1	0
Case 14	4	40,810,351	42,965,002	2	0	2	1
Case 14	4	42,969,550	45,720,024	1	0	1	0
Case 14	4	45,725,524	46,474,853	2	0	2	1
Case 14	4	46,498,640	47,544,947	1	0	1	0
Case 14	4	47,548,254	49,620,898	2	0	2	1
Case 14	4	52,697,856	56,664,054	2	0	2	1
Case 14	4	56,667,225	57,156,379	1	0	1	0
Case 14	4	57,162,619	57,696,918	2	0	2	1
Case 14	4	57,700,528	57,905,453	1	0	1	0
Case 14	4	57,905,807	58,604,281	2	0	2	1
Case 14	4	58,614,509	69,259,223	1	0	1	0
Case 14	4	69,280,975	69,923,096	2	0	2	1
Case 14	4	69,927,974	70,443,083	1	0	1	0
Case 14	4	70,449,652	70,496,262	2	0	2	1
Case 14	4	70,497,601	70,719,238	1	0	1	0
Case 14	4	70,719,533	70,823,167	2	0	2	1
Case 14	4	70,823,168	71,117,202	1	0	1	0
Case 14	4	71,121,681	71,527,881	2	0	2	1
Case 14	4	71,532,168	72,873,814	1	0	1	0
Case 14	4	72,875,597	76,051,855	2	0	2	1
Case 14	4	76,072,424	76,756,059	1	0	1	0
Case 14	4	76,761,164	80,558,107	2	0	2	1
Case 14	4	80,558,341	80,984,670	1	0	1	0
Case 14	4	80,988,478	81,124,319	2	0	2	1
Case 14	4	81,126,083	81,160,847	1	0	1	0
Case 14	4	81,164,723	81,504,321	1	1	2	0
Case 14	4	81,504,336	81,553,197	2	0	2	1
Case 14	4	81,554,785	81,944,280	1	0	1	0

Case 14	4	81,945,383	83,770,027	2	0	2	1
Case 14	4	83,778,839	83,955,450	1	0	1	0
Case 14	4	83,956,388	84,288,014	2	0	2	1
Case 14	4	84,288,613	84,511,351	1	0	1	0
Case 14	4	84,515,775	85,434,987	2	0	2	1
Case 14	4	85,440,241	86,294,733	1	0	1	0
Case 14	4	86,297,661	87,738,967	2	0	2	1
Case 14	4	87,741,699	87,898,302	1	0	1	0
Case 14	4	87,919,706	88,104,382	2	0	2	1
Case 14	4	88,106,634	88,379,063	1	0	1	0
Case 14	4	88,379,064	89,061,083	1	1	2	0
Case 14	4	89,061,114	89,338,691	1	0	1	0
Case 14	4	89,338,731	91,227,681	2	0	2	1
Case 14	4	91,229,455	94,242,858	1	0	1	0
Case 14	4	94,251,270	94,926,597	2	0	2	1
Case 14	4	94,927,323	95,199,785	1	0	1	0
Case 14	4	95,199,855	95,313,228	2	0	2	1
Case 14	4	95,321,259	95,843,673	1	0	1	0
Case 14	4	95,845,911	96,127,799	2	0	2	1
Case 14	4	96,127,869	96,460,537	1	0	1	0
Case 14	4	96,461,841	96,764,785	2	0	2	1
Case 14	4	96,765,029	99,304,544	1	0	1	0
Case 14	4	99,309,404	100,503,159	1	1	2	0
Case 14	4	100,503,173	101,508,995	1	0	1	0
Case 14	4	101,510,054	104,270,805	2	0	2	1
Case 14	4	104,271,269	105,476,932	1	0	1	0
Case 14	4	105,491,264	106,996,077	2	0	2	1
Case 14	4	107,016,742	108,041,804	1	0	1	0
Case 14	4	108,043,696	108,120,955	2	0	2	1
Case 14	4	108,127,486	108,824,530	1	0	1	0
Case 14	4	108,825,559	109,290,374	2	0	2	1
Case 14	4	109,292,368	109,298,141	1	1	2	0
Case 14	4	109,298,935	110,132,858	1	0	1	0
Case 14	4	110,136,612	110,388,034	2	0	2	1
Case 14	4	110,394,162	110,605,744	1	0	1	0
Case 14	4	110,605,749	110,667,387	2	0	2	1
Case 14	4	110,667,464	110,754,499	1	0	1	0
Case 14	4	110,756,579	112,061,855	2	0	2	1
Case 14	4	112,077,613	112,587,024	1	0	1	0
Case 14	4	112,588,951	113,380,119	1	1	2	0
Case 14	4	113,382,048	113,867,271	1	0	1	0
Case 14	4	113,868,607	115,998,124	2	0	2	1
Case 14	4	115,998,150	118,717,631	1	0	1	0
Case 14	4	118,722,033	119,770,915	2	0	2	1
Case 14	4	119,772,316	119,795,642	1	0	1	0
Case 14	4	119,800,081	120,665,038	2	0	2	1
Case 14	4	120,670,520	122,222,233	1	0	1	0
Case 14	4	122,226,998	122,350,537	2	0	2	1
Case 14	4	122,353,707	122,568,322	1	0	1	0
Case 14	4	122,569,803	124,847,477	2	0	2	1
Case 14	4	124,850,901	126,318,368	1	0	1	0
Case 14	4	126,319,772	126,419,726	1	1	2	0
Case 14	4	126,423,687	128,411,344	1	0	1	0
Case 14	4	128,419,398	128,715,251	2	0	2	1
Case 14	4	128,715,260	129,127,647	1	0	1	0
Case 14	4	129,131,153	129,836,255	2	0	2	1
Case 14	4	129,838,879	130,317,282	1	0	1	0
Case 14	4	130,318,033	130,767,559	2	0	2	1
Case 14	4	130,767,899	138,436,116	1	0	1	0
Case 14	4	138,440,012	138,900,717	2	0	2	1
Case 14	4	138,902,871	139,184,664	1	0	1	0

Case 14	4	139,184,781	139,975,818	2	0	2	1
Case 14	4	139,980,741	140,099,768	1	0	1	0
Case 14	4	140,100,756	141,315,152	1	1	2	0
Case 14	4	141,315,174	141,465,244	1	0	1	0
Case 14	4	141,468,569	142,517,416	2	0	2	1
Case 14	4	142,533,402	142,834,152	1	0	1	0
Case 14	4	142,836,161	145,123,453	2	0	2	1
Case 14	4	145,135,525	146,639,208	1	0	1	0
Case 14	4	146,639,774	147,112,495	2	0	2	1
Case 14	4	147,118,845	147,830,322	1	0	1	0
Case 14	4	147,830,349	148,488,545	2	0	2	1
Case 14	4	148,499,607	148,974,602	1	0	1	0
Case 14	4	148,979,174	149,393,131	2	0	2	1
Case 14	4	149,398,778	150,459,436	1	0	1	0
Case 14	4	150,473,832	152,826,032	2	0	2	1
Case 14	4	152,832,903	152,832,903	1	0	1	0
Case 14	4	152,833,119	153,245,269	0	0	0	0
Case 14	4	153,252,061	155,665,552	2	0	2	1
Case 14	4	155,665,876	158,711,676	1	0	1	0
Case 14	4	158,715,149	160,261,053	2	0	2	1
Case 14	4	160,264,140	161,848,243	1	0	1	0
Case 14	4	161,851,303	161,924,832	2	0	2	1
Case 14	4	161,935,342	164,245,854	1	0	1	0
Case 14	4	164,246,489	164,595,666	2	0	2	1
Case 14	4	164,602,209	166,431,563	1	0	1	0
Case 14	4	166,433,829	166,588,085	2	0	2	1
Case 14	4	166,588,960	169,141,828	1	0	1	0
Case 14	4	169,141,843	170,919,666	2	0	2	1
Case 14	4	170,924,737	171,152,392	1	0	1	0
Case 14	4	171,163,418	171,654,737	2	0	2	1
Case 14	4	171,663,745	172,509,887	1	0	1	0
Case 14	4	172,516,685	172,864,640	0	0	0	0
Case 14	4	172,868,453	172,870,885	2	1	3	0
Case 14	4	172,871,125	178,962,336	1	1	2	0
Case 14	4	178,967,175	179,511,788	1	0	1	0
Case 14	4	179,514,388	181,825,165	1	1	2	0
Case 14	4	181,826,016	182,009,132	2	1	3	0
Case 14	4	182,024,045	185,197,061	1	0	1	0
Case 14	4	185,203,124	186,446,250	0	0	0	0
Case 14	4	186,448,369	186,456,560	2	0	2	1
Case 14	4	186,459,026	186,997,807	3	0	3	1
Case 14	4	186,997,949	188,716,736	2	0	2	1
Case 14	4	188,717,853	190,963,766	1	0	1	0
Case 14	5	38,139	18,885,615	2	1	3	0
Case 14	5	18,890,253	19,247,098	0	0	0	0
Case 14	5	19,266,101	45,983,680	2	1	3	0
Case 14	5	45,988,948	46,399,093	1	1	2	0
Case 14	5	49,457,282	49,586,870	1	1	2	0
Case 14	5	49,597,497	58,318,034	2	1	3	0
Case 14	5	58,324,403	58,558,595	2	0	2	1
Case 14	5	58,564,232	59,398,304	2	1	3	0
Case 14	5	59,420,684	60,401,606	1	0	1	0
Case 14	5	60,402,210	72,294,458	2	1	3	0
Case 14	5	72,295,577	72,502,029	3	1	4	0
Case 14	5	72,521,202	76,086,795	2	1	3	0
Case 14	5	76,092,225	76,836,055	1	0	1	0
Case 14	5	76,854,563	98,994,964	2	1	3	0
Case 14	5	99,001,200	99,260,992	1	0	1	0
Case 14	5	99,263,712	99,319,166	0	0	0	0
Case 14	5	99,325,303	109,570,615	2	1	3	0
Case 14	5	109,589,596	110,207,981	1	0	1	0

Case 14	5	110,209,582	112,089,480	2	0	2	1
Case 14	5	112,090,657	112,291,861	1	0	1	0
Case 14	5	112,292,127	112,848,767	2	0	2	1
Case 14	5	112,849,608	112,929,048	1	0	1	0
Case 14	5	112,929,694	116,199,838	2	0	2	1
Case 14	5	116,200,854	116,528,042	1	0	1	0
Case 14	5	116,529,909	118,176,782	2	0	2	1
Case 14	5	118,179,104	118,483,001	1	0	1	0
Case 14	5	118,484,611	120,515,118	2	0	2	1
Case 14	5	120,517,296	121,422,057	1	0	1	0
Case 14	5	121,426,675	130,242,429	2	0	2	1
Case 14	5	130,245,867	131,066,709	1	0	1	0
Case 14	5	131,066,725	133,482,348	2	0	2	1
Case 14	5	133,486,263	133,781,587	1	0	1	0
Case 14	5	133,781,618	133,943,185	2	0	2	1
Case 14	5	133,943,937	134,270,779	1	0	1	0
Case 14	5	134,272,525	137,086,605	2	0	2	1
Case 14	5	137,088,234	137,527,948	1	0	1	0
Case 14	5	137,534,453	139,930,307	2	0	2	1
Case 14	5	139,930,380	139,931,384	1	0	1	0
Case 14	5	139,931,607	139,936,823	0	0	0	0
Case 14	5	139,936,825	147,443,360	2	0	2	1
Case 14	5	147,449,923	147,506,583	1	0	1	0
Case 14	5	147,506,593	151,665,028	2	0	2	1
Case 14	5	151,673,229	151,778,214	1	0	1	0
Case 14	5	151,784,058	162,847,832	2	0	2	1
Case 14	5	162,866,179	163,083,956	1	0	1	0
Case 14	5	163,084,821	164,071,553	2	0	2	1
Case 14	5	164,088,373	164,307,353	1	0	1	0
Case 14	5	164,308,225	164,917,641	2	0	2	1
Case 14	5	164,919,132	165,009,396	1	0	1	0
Case 14	5	165,010,625	165,309,208	2	0	2	1
Case 14	5	165,311,430	165,473,194	1	0	1	0
Case 14	5	165,475,683	165,884,072	2	0	2	1
Case 14	5	165,885,226	166,011,085	1	0	1	0
Case 14	5	166,017,077	166,634,403	2	0	2	1
Case 14	5	166,649,746	169,491,247	3	0	3	1
Case 14	5	169,494,844	170,059,227	2	0	2	1
Case 14	5	170,066,527	177,949,429	3	0	3	1
Case 14	5	177,954,516	178,567,054	2	0	2	1
Case 14	5	178,570,914	180,693,127	3	0	3	1
Case 14	6	108,666	27,808,739	2	1	3	0
Case 14	6	27,809,746	27,869,321	1	1	2	0
Case 14	6	27,870,358	30,993,958	2	1	3	0
Case 14	6	30,994,163	30,994,778	0	0	0	0
Case 14	6	30,995,078	58,752,089	2	1	3	0
Case 14	6	61,891,118	87,449,564	2	1	3	0
Case 14	6	87,456,331	124,269,067	1	1	2	0
Case 14	6	124,270,952	124,304,371	1	0	1	0
Case 14	6	124,306,595	163,661,513	1	1	2	0
Case 14	6	163,662,002	163,777,215	1	0	1	0
Case 14	6	163,779,672	170,049,350	1	1	2	0
Case 14	6	170,049,354	170,980,171	2	1	3	0
Case 14	7	44,935	687,469	3	1	4	0
Case 14	7	704,573	1,024,871	2	1	3	0
Case 14	7	1,026,311	2,227,344	3	1	4	0
Case 14	7	2,230,225	2,499,770	2	1	3	0
Case 14	7	2,505,567	3,659,530	3	1	4	0
Case 14	7	3,676,463	4,479,253	2	1	3	0
Case 14	7	4,483,857	5,224,407	3	1	4	0
Case 14	7	5,232,789	6,732,315	2	1	3	0

Case 14	7	6,735,534	20,030,908	3	1	4	0
Case 14	7	20,032,182	20,032,762	2	1	3	0
Case 14	7	20,036,179	20,144,829	0	0	0	0
Case 14	7	20,147,715	20,149,537	2	1	3	0
Case 14	7	20,152,801	23,175,946	3	1	4	0
Case 14	7	23,187,179	23,579,399	2	1	3	0
Case 14	7	23,586,645	27,121,456	3	1	4	0
Case 14	7	27,130,276	27,238,913	2	1	3	0
Case 14	7	27,239,064	42,005,073	3	1	4	0
Case 14	7	42,005,522	42,187,851	2	1	3	0
Case 14	7	42,188,538	43,665,500	3	1	4	0
Case 14	7	43,665,808	44,153,780	2	1	3	0
Case 14	7	44,153,825	44,556,834	3	1	4	0
Case 14	7	44,556,893	45,077,978	2	1	3	0
Case 14	7	45,084,056	47,917,495	3	1	4	0
Case 14	7	47,920,371	48,093,679	2	1	3	0
Case 14	7	48,098,949	50,424,061	3	1	4	0
Case 14	7	50,428,428	50,596,926	2	1	3	0
Case 14	7	50,598,703	55,468,955	3	1	4	0
Case 14	7	55,479,613	58,019,061	2	1	3	0
Case 14	7	61,056,053	65,705,693	2	1	3	0
Case 14	7	65,705,936	66,452,054	3	1	4	0
Case 14	7	66,453,413	68,968,759	2	1	3	0
Case 14	7	68,995,564	70,186,936	3	1	4	0
Case 14	7	70,192,653	75,238,617	2	1	3	0
Case 14	7	75,240,915	82,577,973	3	1	4	0
Case 14	7	82,579,137	82,595,653	2	1	3	0
Case 14	7	82,595,736	83,996,546	3	1	4	0
Case 14	7	84,010,005	111,031,094	1	1	2	0
Case 14	7	111,044,377	111,053,822	2	1	3	0
Case 14	7	111,059,886	111,251,449	0	0	0	0
Case 14	7	111,265,262	111,265,262	2	1	3	0
Case 14	7	111,273,689	117,045,256	1	1	2	0
Case 14	7	117,052,915	117,312,350	2	1	3	0
Case 14	7	117,314,915	142,330,328	1	1	2	0
Case 14	7	142,340,496	142,481,301	2	1	3	0
Case 14	7	142,481,317	159,119,486	1	1	2	0
Case 14	8	164,984	540,949	4	1	5	0
Case 14	8	541,111	758,066	4	0	4	1
Case 14	8	769,589	1,241,224	4	1	5	0
Case 14	8	1,243,574	2,061,497	4	0	4	1
Case 14	8	2,063,158	6,377,419	4	1	5	0
Case 14	8	6,377,433	8,105,359	4	0	4	1
Case 14	8	8,106,406	9,151,237	4	1	5	0
Case 14	8	9,152,517	9,288,937	4	0	4	1
Case 14	8	9,290,056	10,355,302	4	1	5	0
Case 14	8	10,355,378	10,468,039	4	0	4	1
Case 14	8	10,468,172	10,579,392	4	1	5	0
Case 14	8	10,583,279	11,072,549	4	0	4	1
Case 14	8	11,073,578	11,643,742	4	1	5	0
Case 14	8	11,643,803	11,710,911	4	0	4	1
Case 14	8	11,711,059	12,772,901	4	1	5	0
Case 14	8	12,773,413	12,969,055	4	0	4	1
Case 14	8	12,969,754	17,390,525	4	1	5	0
Case 14	8	17,390,689	17,449,657	4	0	4	1
Case 14	8	17,449,710	18,067,463	4	1	5	0
Case 14	8	18,067,697	18,080,115	4	0	4	1
Case 14	8	18,080,116	19,190,491	4	1	5	0
Case 14	8	19,192,358	19,626,356	4	0	4	1
Case 14	8	19,626,439	19,997,540	4	1	5	0
Case 14	8	20,001,454	20,575,099	4	0	4	1

Case 14	8	20,575,213	21,019,822	4	1	5	0
Case 14	8	21,025,253	21,212,372	4	0	4	1
Case 14	8	21,215,152	21,550,800	4	1	5	0
Case 14	8	21,550,858	21,862,551	4	0	4	1
Case 14	8	21,866,933	21,986,647	4	1	5	0
Case 14	8	21,994,951	23,069,718	4	0	4	1
Case 14	8	23,072,256	25,021,361	4	1	5	0
Case 14	8	25,025,177	25,547,166	4	0	4	1
Case 14	8	25,549,528	27,134,100	4	1	5	0
Case 14	8	27,141,452	27,463,906	4	0	4	1
Case 14	8	27,464,519	27,856,331	4	1	5	0
Case 14	8	27,858,737	28,003,774	4	0	4	1
Case 14	8	28,003,817	30,537,107	4	1	5	0
Case 14	8	30,538,483	30,695,111	4	0	4	1
Case 14	8	30,695,438	32,592,627	4	1	5	0
Case 14	8	32,594,251	32,954,243	4	0	4	1
Case 14	8	32,959,945	33,230,142	4	1	5	0
Case 14	8	33,230,240	33,988,414	4	0	4	1
Case 14	8	33,994,378	37,462,419	4	1	5	0
Case 14	8	37,469,049	38,854,041	4	0	4	1
Case 14	8	38,855,847	40,674,845	4	1	5	0
Case 14	8	40,676,775	43,066,939	4	0	4	1
Case 14	8	43,086,928	43,791,691	4	1	5	0
Case 14	8	46,886,735	48,848,992	4	1	5	0
Case 14	8	48,852,225	50,445,456	4	0	4	1
Case 14	8	50,462,970	51,982,432	4	1	5	0
Case 14	8	51,983,412	52,323,869	4	0	4	1
Case 14	8	52,323,870	58,788,078	4	1	5	0
Case 14	8	58,789,168	146,293,414	4	0	4	1
Case 14	9	46,587	46,944,322	1	1	2	0
Case 14	9	65,629,772	69,410,435	1	1	2	0
Case 14	9	70,984,372	74,300,174	3	1	4	0
Case 14	9	74,300,640	74,561,958	2	1	3	0
Case 14	9	74,561,983	77,222,828	3	1	4	0
Case 14	9	77,224,088	77,476,386	2	1	3	0
Case 14	9	77,486,459	80,223,608	3	1	4	0
Case 14	9	80,223,823	80,985,484	2	1	3	0
Case 14	9	80,985,638	82,949,474	3	1	4	0
Case 14	9	82,949,861	83,121,611	2	1	3	0
Case 14	9	83,127,968	83,950,550	3	1	4	0
Case 14	9	83,959,411	84,609,239	2	1	3	0
Case 14	9	84,609,646	85,808,790	3	1	4	0
Case 14	9	85,810,910	85,863,392	2	1	3	0
Case 14	9	85,865,631	86,111,068	3	1	4	0
Case 14	9	86,111,242	86,925,655	2	1	3	0
Case 14	9	86,925,748	88,937,856	3	1	4	0
Case 14	9	88,937,943	89,293,393	2	1	3	0
Case 14	9	89,296,599	89,584,572	3	1	4	0
Case 14	9	89,589,210	91,293,114	2	1	3	0
Case 14	9	91,293,885	91,449,366	3	1	4	0
Case 14	9	91,456,777	91,995,971	2	1	3	0
Case 14	9	91,996,255	94,445,809	3	1	4	0
Case 14	9	94,445,943	96,082,752	2	1	3	0
Case 14	9	96,082,919	97,831,581	3	1	4	0
Case 14	9	97,834,573	98,722,130	2	1	3	0
Case 14	9	98,733,782	99,086,387	3	1	4	0
Case 14	9	99,086,398	103,439,019	2	1	3	0
Case 14	9	103,446,253	104,295,764	3	1	4	0
Case 14	9	104,302,625	104,433,347	2	1	3	0
Case 14	9	104,437,373	107,280,314	3	1	4	0
Case 14	9	107,281,379	108,209,066	2	1	3	0

Case 14	9	108,211,179	109,686,770	3	1	4	0
Case 14	9	109,686,816	110,650,284	2	1	3	0
Case 14	9	110,657,726	113,662,681	3	1	4	0
Case 14	9	113,665,254	114,348,617	2	1	3	0
Case 14	9	114,352,627	116,132,092	3	1	4	0
Case 14	9	116,132,231	118,012,841	2	1	3	0
Case 14	9	118,013,289	118,720,333	3	1	4	0
Case 14	9	118,725,422	122,528,499	2	1	3	0
Case 14	9	122,530,528	123,524,744	3	1	4	0
Case 14	9	123,525,175	123,675,926	2	1	3	0
Case 14	9	123,677,827	123,924,470	3	1	4	0
Case 14	9	123,927,222	125,963,450	2	1	3	0
Case 14	9	125,973,664	126,601,256	3	1	4	0
Case 14	9	126,613,028	128,021,166	2	1	3	0
Case 14	9	128,024,049	128,239,920	1	0	1	0
Case 14	9	128,240,922	128,240,922	2	1	3	0
Case 14	9	128,260,962	129,917,249	3	1	4	0
Case 14	9	129,921,983	135,132,930	2	1	3	0
Case 14	9	135,133,039	136,943,067	1	1	2	0
Case 14	9	136,950,303	137,269,456	2	1	3	0
Case 14	9	137,280,939	141,066,491	1	1	2	0
Case 14	10	98,087	39,097,912	1	1	2	0
Case 14	10	42,436,301	46,159,151	1	1	2	0
Case 14	10	46,167,847	47,087,813	2	1	3	0
Case 14	10	47,101,942	48,320,402	3	1	4	0
Case 14	10	48,324,245	68,593,991	1	1	2	0
Case 14	10	68,594,795	68,720,630	1	0	1	0
Case 14	10	68,721,071	90,079,714	1	1	2	0
Case 14	10	90,093,472	90,580,330	2	1	3	0
Case 14	10	90,582,744	105,763,026	1	1	2	0
Case 14	10	105,763,178	105,817,891	2	1	3	0
Case 14	10	105,819,431	118,962,081	1	1	2	0
Case 14	10	118,963,970	119,471,827	2	1	3	0
Case 14	10	119,474,930	135,477,883	1	1	2	0
Case 14	11	193,146	9,258,146	1	1	2	0
Case 14	11	9,262,823	9,627,471	1	0	1	0
Case 14	11	9,628,802	14,504,463	1	1	2	0
Case 14	11	14,504,658	14,907,393	1	0	1	0
Case 14	11	14,909,461	18,347,536	1	1	2	0
Case 14	11	18,357,180	18,632,984	1	0	1	0
Case 14	11	18,633,897	21,841,206	1	1	2	0
Case 14	11	21,846,314	22,172,015	1	0	1	0
Case 14	11	22,173,372	23,245,030	1	1	2	0
Case 14	11	23,245,183	25,860,834	1	0	1	0
Case 14	11	25,864,177	28,005,579	1	1	2	0
Case 14	11	28,008,972	28,311,769	1	0	1	0
Case 14	11	28,311,790	28,977,527	1	1	2	0
Case 14	11	28,979,318	29,332,489	1	0	1	0
Case 14	11	29,346,876	30,932,903	1	1	2	0
Case 14	11	30,935,629	31,690,224	1	0	1	0
Case 14	11	31,705,767	37,325,465	1	1	2	0
Case 14	11	37,327,721	40,181,413	1	0	1	0
Case 14	11	40,185,254	40,277,888	1	1	2	0
Case 14	11	40,280,436	42,420,411	1	0	1	0
Case 14	11	42,424,649	48,234,357	1	1	2	0
Case 14	11	48,238,455	48,250,004	1	0	1	0
Case 14	11	48,264,183	50,292,520	1	1	2	0
Case 14	11	50,296,502	51,591,253	1	0	1	0
Case 14	11	54,794,237	55,026,160	0	0	0	0
Case 14	11	55,027,673	55,141,349	2	0	2	1
Case 14	11	55,153,515	55,303,865	1	0	1	0



Case 14	11	55,305,406	79,898,818	1	1	2	0
Case 14	11	79,903,425	80,025,521	1	0	1	0
Case 14	11	80,025,850	80,283,906	1	1	2	0
Case 14	11	80,293,950	80,897,179	1	0	1	0
Case 14	11	80,897,495	81,449,443	1	1	2	0
Case 14	11	81,458,413	81,771,621	1	0	1	0
Case 14	11	81,774,312	82,552,745	1	1	2	0
Case 14	11	82,552,926	82,645,190	1	0	1	0
Case 14	11	82,645,246	85,868,640	2	0	2	1
Case 14	11	85,869,737	86,070,096	1	0	1	0
Case 14	11	86,070,817	86,722,128	1	1	2	0
Case 14	11	86,724,086	86,743,904	1	0	1	0
Case 14	11	86,748,051	87,646,317	1	1	2	0
Case 14	11	87,649,263	87,784,344	1	0	1	0
Case 14	11	87,791,487	88,252,273	2	0	2	1
Case 14	11	88,252,588	91,390,397	1	0	1	0
Case 14	11	91,407,305	96,878,089	1	1	2	0
Case 14	11	96,879,194	97,093,012	1	0	1	0
Case 14	11	97,102,604	97,339,454	1	1	2	0
Case 14	11	97,347,088	100,082,000	1	0	1	0
Case 14	11	100,086,730	103,024,104	1	1	2	0
Case 14	11	103,024,105	103,191,959	1	0	1	0
Case 14	11	103,193,087	105,503,658	1	1	2	0
Case 14	11	105,514,964	105,844,065	1	0	1	0
Case 14	11	105,850,456	106,420,106	2	0	2	1
Case 14	11	106,436,025	106,837,790	1	0	1	0
Case 14	11	106,842,124	107,502,871	1	1	2	0
Case 14	11	107,503,447	108,203,619	1	0	1	0
Case 14	11	108,205,074	110,078,284	1	1	2	0
Case 14	11	110,097,651	110,336,182	1	0	1	0
Case 14	11	110,341,416	114,151,577	1	1	2	0
Case 14	11	114,151,827	114,173,835	1	0	1	0
Case 14	11	114,175,276	122,441,861	1	1	2	0
Case 14	11	122,446,233	122,568,946	1	0	1	0
Case 14	11	122,569,246	134,934,063	1	1	2	0
Case 14	12	191,619	34,853,011	1	1	2	0
Case 14	12	37,876,400	88,854,647	1	1	2	0
Case 14	12	88,866,748	89,125,784	1	0	1	0
Case 14	12	89,128,000	101,711,341	1	1	2	0
Case 14	12	101,713,141	101,785,983	2	1	3	0
Case 14	12	101,787,608	102,576,340	3	1	4	0
Case 14	12	102,589,900	113,672,577	1	1	2	0
Case 14	12	113,677,451	114,106,177	1	0	1	0
Case 14	12	114,114,550	133,810,935	1	1	2	0
Case 14	13	19,058,717	19,641,229	3	1	4	0
Case 14	13	19,645,637	23,539,563	2	1	3	0
Case 14	13	23,546,238	23,553,518	0	0	0	0
Case 14	13	23,553,786	24,156,765	2	1	3	0
Case 14	13	24,157,969	24,521,485	3	1	4	0
Case 14	13	24,524,626	28,122,502	2	1	3	0
Case 14	13	28,124,510	95,829,681	3	1	4	0
Case 14	13	95,829,870	95,930,685	2	1	3	0
Case 14	13	95,931,182	115,103,529	3	1	4	0
Case 14	14	19,280,733	22,387,318	2	1	3	0
Case 14	14	22,387,839	22,964,782	3	1	4	0
Case 14	14	22,966,662	44,480,941	2	1	3	0
Case 14	14	44,507,151	44,527,629	0	0	0	0
Case 14	14	44,535,160	107,287,663	2	1	3	0
Case 14	15	20,034,919	32,443,813	1	1	2	0
Case 14	15	32,509,892	32,514,341	1	0	1	0
Case 14	15	32,833,659	92,469,694	1	1	2	0

Case 14	15	92,471,689	92,528,240	3	1	4	0
Case 14	15	92,528,364	102,461,162	1	1	2	0
Case 14	16	88,165	18,041,434	1	1	2	0
Case 14	16	18,046,387	18,124,560	1	0	1	0
Case 14	16	18,129,657	35,285,582	1	1	2	0
Case 14	16	46,450,037	69,909,115	1	1	2	0
Case 14	16	69,913,996	70,190,597	2	1	3	0
Case 14	16	70,190,676	78,571,750	1	1	2	0
Case 14	16	78,572,242	78,733,911	1	0	1	0
Case 14	16	78,739,257	90,274,695	1	1	2	0
Case 14	17	11,885	72,487	1	0	1	0
Case 14	17	73,263	129,457	2	0	2	1
Case 14	17	131,435	6,331,803	1	0	1	0
Case 14	17	6,331,828	6,374,628	2	0	2	1
Case 14	17	6,377,986	9,804,399	1	0	1	0
Case 14	17	9,804,493	9,816,671	2	0	2	1
Case 14	17	9,818,190	10,728,958	1	0	1	0
Case 14	17	10,732,872	10,863,677	2	0	2	1
Case 14	17	10,871,773	15,309,694	1	0	1	0
Case 14	17	15,316,235	15,373,917	2	0	2	1
Case 14	17	15,374,493	16,885,886	1	0	1	0
Case 14	17	16,890,221	17,105,682	2	0	2	1
Case 14	17	17,106,130	21,303,007	1	0	1	0
Case 14	17	21,318,748	21,319,849	2	0	2	1
Case 14	17	21,319,909	21,528,062	1	0	1	0
Case 14	17	21,539,613	22,242,355	1	1	2	0
Case 14	17	25,268,142	34,436,708	1	1	2	0
Case 14	17	34,443,811	34,815,551	2	1	3	0
Case 14	17	34,819,191	37,407,072	1	1	2	0
Case 14	17	37,409,625	37,777,235	1	0	1	0
Case 14	17	37,781,849	37,824,545	2	0	2	1
Case 14	17	37,825,929	37,902,373	7	0	7	1
Case 14	17	37,911,521	37,976,469	2	0	2	1
Case 14	17	37,976,501	38,040,763	7	0	7	1
Case 14	17	38,049,233	38,231,376	2	0	2	1
Case 14	17	38,241,000	38,245,791	7	0	7	1
Case 14	17	38,248,354	38,405,037	2	0	2	1
Case 14	17	38,406,907	38,421,216	7	0	7	1
Case 14	17	38,421,293	38,479,831	2	0	2	1
Case 14	17	38,487,528	39,005,990	1	1	2	0
Case 14	17	39,007,403	39,007,403	1	0	1	0
Case 14	17	39,016,059	39,023,875	7	0	7	1
Case 14	17	39,024,037	39,087,692	2	0	2	1
Case 14	17	39,092,808	39,183,295	7	0	7	1
Case 14	17	39,183,304	39,433,211	2	0	2	1
Case 14	17	39,436,638	39,527,162	7	0	7	1
Case 14	17	39,531,402	39,561,910	2	0	2	1
Case 14	17	39,572,256	39,574,318	7	0	7	1
Case 14	17	39,575,349	39,577,180	2	0	2	1
Case 14	17	39,577,186	39,586,034	1	0	1	0
Case 14	17	39,589,083	39,595,536	7	0	7	1
Case 14	17	39,596,538	39,739,363	2	0	2	1
Case 14	17	39,743,081	39,767,731	7	0	7	1
Case 14	17	39,773,970	40,342,247	2	0	2	1
Case 14	17	40,342,279	40,439,009	1	0	1	0
Case 14	17	40,441,819	40,835,922	2	0	2	1
Case 14	17	40,838,154	40,882,852	7	0	7	1
Case 14	17	40,897,470	42,457,089	2	0	2	1
Case 14	17	42,457,120	43,811,260	2	1	3	0
Case 14	17	43,812,897	47,307,274	2	0	2	1
Case 14	17	47,314,413	47,406,913	1	0	1	0

Case 14	17	47,412,242	48,597,067	2	1	3	0
Case 14	17	48,598,536	49,299,294	3	1	4	0
Case 14	17	49,310,655	53,853,045	1	0	1	0
Case 14	17	53,854,141	53,948,595	2	0	2	1
Case 14	17	53,962,955	55,607,672	1	0	1	0
Case 14	17	55,608,091	55,839,085	2	0	2	1
Case 14	17	55,840,159	57,134,236	1	0	1	0
Case 14	17	57,137,129	70,721,707	1	1	2	0
Case 14	17	70,722,862	70,905,210	1	0	1	0
Case 14	17	70,908,149	81,060,040	1	1	2	0
Case 14	18	87,505	905,125	1	0	1	0
Case 14	18	907,710	968,021	2	0	2	1
Case 14	18	983,363	2,890,900	1	0	1	0
Case 14	18	2,890,946	2,908,956	2	0	2	1
Case 14	18	2,909,700	8,123,197	1	0	1	0
Case 14	18	8,126,599	8,144,269	7	0	7	1
Case 14	18	8,154,136	8,154,369	2	0	2	1
Case 14	18	8,172,328	9,799,254	1	0	1	0
Case 14	18	9,800,733	9,871,870	2	0	2	1
Case 14	18	9,871,956	10,306,854	1	0	1	0
Case 14	18	10,309,689	10,331,765	2	0	2	1
Case 14	18	10,332,875	15,375,878	1	0	1	0
Case 14	18	18,520,354	19,348,657	1	0	1	0
Case 14	18	19,351,344	20,691,263	1	1	2	0
Case 14	18	20,700,413	21,392,567	1	0	1	0
Case 14	18	21,394,409	22,274,400	1	1	2	0
Case 14	18	22,277,725	23,854,777	1	0	1	0
Case 14	18	23,865,868	23,985,498	0	0	0	0
Case 14	18	23,997,267	23,997,267	2	0	2	1
Case 14	18	24,004,650	29,125,936	1	0	1	0
Case 14	18	29,125,996	29,190,174	2	0	2	1
Case 14	18	29,193,385	34,936,882	1	0	1	0
Case 14	18	34,944,664	35,035,938	2	0	2	1
Case 14	18	35,038,483	45,561,707	1	0	1	0
Case 14	18	45,563,098	46,001,659	2	0	2	1
Case 14	18	46,002,758	46,223,842	1	0	1	0
Case 14	18	46,227,748	46,545,924	7	0	7	1
Case 14	18	46,551,306	46,564,559	2	0	2	1
Case 14	18	46,567,784	47,069,033	1	0	1	0
Case 14	18	47,075,308	47,288,909	7	0	7	1
Case 14	18	47,293,738	47,308,150	2	0	2	1
Case 14	18	47,309,909	47,445,407	1	0	1	0
Case 14	18	47,447,432	47,730,011	2	0	2	1
Case 14	18	47,735,152	48,100,072	1	0	1	0
Case 14	18	48,106,595	48,241,573	2	0	2	1
Case 14	18	48,241,746	50,943,685	1	0	1	0
Case 14	18	50,960,222	51,656,039	7	0	7	1
Case 14	18	51,674,135	51,688,955	2	0	2	1
Case 14	18	51,698,312	54,694,151	1	0	1	0
Case 14	18	54,694,242	54,762,024	2	0	2	1
Case 14	18	54,763,828	56,103,573	1	0	1	0
Case 14	18	56,105,868	56,203,788	2	0	2	1
Case 14	18	56,203,837	56,667,515	1	0	1	0
Case 14	18	56,668,510	56,745,144	7	0	7	1
Case 14	18	56,747,782	56,810,775	2	0	2	1
Case 14	18	56,813,295	71,496,928	1	0	1	0
Case 14	18	71,497,474	71,559,968	2	0	2	1
Case 14	18	71,560,116	71,877,967	1	0	1	0
Case 14	18	71,878,838	71,960,136	2	0	2	1
Case 14	18	71,971,089	72,082,944	1	0	1	0
Case 14	18	72,086,601	72,185,872	2	0	2	1

Case 14	18	72,186,306	72,698,759	1	0	1	0
Case 14	18	72,727,451	72,944,256	2	0	2	1
Case 14	18	72,945,714	73,122,598	2	1	3	0
Case 14	18	73,124,672	73,286,426	1	1	2	0
Case 14	18	73,287,109	77,287,796	1	0	1	0
Case 14	18	77,288,806	77,539,764	2	0	2	1
Case 14	18	77,545,200	78,015,180	1	0	1	0
Case 14	19	260,912	727,021	1	1	2	0
Case 14	19	730,030	757,752	1	0	1	0
Case 14	19	757,868	9,226,265	1	1	2	0
Case 14	19	9,226,425	9,967,957	1	0	1	0
Case 14	19	9,968,062	10,071,365	1	1	2	0
Case 14	19	10,071,433	10,081,900	1	0	1	0
Case 14	19	10,081,919	11,713,933	1	1	2	0
Case 14	19	11,727,503	12,719,846	1	0	1	0
Case 14	19	12,721,401	17,922,777	1	1	2	0
Case 14	19	17,922,795	17,974,223	1	0	1	0
Case 14	19	17,975,630	19,790,255	1	1	2	0
Case 14	19	19,790,421	24,629,285	1	0	1	0
Case 14	19	27,732,159	28,411,624	1	0	1	0
Case 14	19	28,414,404	30,067,525	1	1	2	0
Case 14	19	30,068,893	30,610,400	1	0	1	0
Case 14	19	30,612,444	36,651,499	1	1	2	0
Case 14	19	36,652,185	38,362,792	1	0	1	0
Case 14	19	38,375,666	40,502,919	1	1	2	0
Case 14	19	40,502,943	40,877,284	1	0	1	0
Case 14	19	40,877,595	52,528,944	1	1	2	0
Case 14	19	52,529,074	53,765,130	1	0	1	0
Case 14	19	53,767,570	53,831,824	1	1	2	0
Case 14	19	53,833,668	54,313,859	1	0	1	0
Case 14	19	54,313,891	57,608,342	1	1	2	0
Case 14	19	57,608,596	58,048,573	1	0	1	0
Case 14	19	58,048,625	58,115,735	2	0	2	1
Case 14	19	58,116,143	58,494,665	1	0	1	0
Case 14	19	58,495,059	59,097,160	1	1	2	0
Case 14	20	63,244	14,673,838	2	1	3	0
Case 14	20	14,675,433	15,251,031	2	0	2	1
Case 14	20	15,254,051	26,293,985	2	1	3	0
Case 14	20	29,425,357	62,948,788	2	1	3	0
Case 14	21	10,827,533	10,971,337	1	0	1	0
Case 14	21	14,368,320	21,817,825	1	0	1	0
Case 14	21	21,819,397	21,996,784	0	0	0	0
Case 14	21	22,004,301	22,008,812	2	0	2	1
Case 14	21	22,011,190	23,505,563	1	0	1	0
Case 14	21	23,508,014	23,986,788	0	0	0	0
Case 14	21	23,990,758	24,022,927	2	0	2	1
Case 14	21	24,025,851	24,350,599	1	0	1	0
Case 14	21	24,363,308	24,613,586	0	0	0	0
Case 14	21	24,614,063	24,623,888	2	0	2	1
Case 14	21	24,627,762	26,196,745	1	0	1	0
Case 14	21	26,198,457	26,735,187	0	0	0	0
Case 14	21	26,749,158	32,216,253	1	0	1	0
Case 14	21	32,218,481	32,415,963	1	1	2	0
Case 14	21	32,423,084	32,484,078	1	0	1	0
Case 14	21	32,485,200	34,707,387	2	0	2	1
Case 14	21	34,707,868	34,854,711	1	0	1	0
Case 14	21	34,856,636	37,484,942	2	0	2	1
Case 14	21	37,485,062	37,563,298	1	0	1	0
Case 14	21	37,566,153	37,626,080	2	0	2	1
Case 14	21	37,626,109	37,777,625	1	0	1	0
Case 14	21	37,780,822	38,436,825	1	1	2	0

Case 14	21	38,437,907	38,437,907	2	0	2	1
Case 14	21	38,437,951	38,537,924	1	0	1	0
Case 14	21	38,538,018	40,765,146	2	0	2	1
Case 14	21	40,772,436	40,843,234	1	0	1	0
Case 14	21	40,844,300	43,869,663	2	0	2	1
Case 14	21	43,875,734	44,720,807	1	1	2	0
Case 14	21	44,721,579	44,734,007	1	0	1	0
Case 14	21	44,737,883	46,930,092	2	0	2	1
Case 14	21	46,930,138	46,956,571	1	0	1	0
Case 14	21	46,957,695	48,100,155	1	1	2	0
Case 14	22	16,114,244	17,733,896	1	0	1	0
Case 14	22	17,738,100	17,910,586	2	0	2	1
Case 14	22	17,910,844	18,435,794	1	0	1	0
Case 14	22	18,438,485	51,195,728	2	0	2	1
Case 16	1	82,154	2,560,808	2	1	3	0
Case 16	1	2,560,818	2,909,170	1	1	2	0
Case 16	1	2,917,377	5,924,071	2	1	3	0
Case 16	1	5,924,483	6,475,686	1	1	2	0
Case 16	1	6,479,372	35,373,878	2	1	3	0
Case 16	1	35,378,934	35,892,371	1	1	2	0
Case 16	1	35,899,006	121,346,616	2	1	3	0
Case 16	1	142,649,718	143,418,972	2	1	3	0
Case 16	1	143,720,409	145,567,084	2	2	4	0
Case 16	1	145,567,446	147,371,120	4	1	5	0
Case 16	1	147,373,447	153,034,230	3	1	4	0
Case 16	1	153,037,463	153,410,822	4	1	5	0
Case 16	1	153,420,475	153,941,030	3	1	4	0
Case 16	1	153,941,105	154,737,236	4	1	5	0
Case 16	1	154,742,575	156,933,019	3	1	4	0
Case 16	1	156,937,916	157,884,976	4	1	5	0
Case 16	1	157,891,524	158,300,604	3	1	4	0
Case 16	1	158,300,684	159,799,910	4	1	5	0
Case 16	1	159,799,917	161,205,693	3	1	4	0
Case 16	1	161,206,230	161,908,338	4	1	5	0
Case 16	1	161,915,501	162,173,395	3	1	4	0
Case 16	1	162,175,972	172,100,831	5	0	5	1
Case 16	1	172,101,666	172,267,419	6	0	6	1
Case 16	1	172,267,554	172,696,653	5	0	5	1
Case 16	1	172,699,579	173,486,716	6	0	6	1
Case 16	1	173,494,019	174,469,905	5	0	5	1
Case 16	1	174,479,498	174,611,708	6	0	6	1
Case 16	1	174,623,077	174,623,077	3	3	6	0
Case 16	1	174,623,922	174,681,384	7	0	7	1
Case 16	1	174,709,679	174,709,679	2	0	2	1
Case 16	1	174,715,051	174,903,882	1	0	1	0
Case 16	1	174,926,686	174,926,686	2	0	2	1
Case 16	1	174,934,586	174,937,352	4	0	4	1
Case 16	1	174,951,749	187,055,561	5	0	5	1
Case 16	1	187,057,636	187,902,981	6	0	6	1
Case 16	1	187,903,176	189,971,441	5	0	5	1
Case 16	1	189,973,857	190,108,881	6	0	6	1
Case 16	1	190,112,653	190,549,233	5	0	5	1
Case 16	1	190,551,418	191,870,504	6	0	6	1
Case 16	1	191,872,334	193,045,734	5	0	5	1
Case 16	1	193,046,073	196,651,832	6	0	6	1
Case 16	1	196,654,324	197,913,157	5	0	5	1
Case 16	1	197,919,693	198,485,706	6	0	6	1
Case 16	1	198,489,457	245,851,609	5	0	5	1
Case 16	1	245,852,388	245,861,513	6	0	6	1
Case 16	1	245,861,522	245,865,900	3	2	5	0
Case 16	1	245,866,511	245,884,152	7	0	7	1

Case 16	1	245,900,039	245,900,039	2	0	2	1
Case 16	1	245,901,545	246,028,908	1	0	1	0
Case 16	1	246,029,064	246,029,064	2	0	2	1
Case 16	1	246,030,183	246,030,183	4	0	4	1
Case 16	1	246,034,491	246,341,231	5	0	5	1
Case 16	1	246,344,768	246,345,154	6	0	6	1
Case 16	1	246,346,297	246,353,934	3	2	5	0
Case 16	1	246,355,668	246,364,811	7	0	7	1
Case 16	1	246,373,295	246,373,295	2	0	2	1
Case 16	1	246,374,869	246,518,362	1	0	1	0
Case 16	1	246,521,189	246,521,189	2	0	2	1
Case 16	1	246,527,984	246,531,703	4	0	4	1
Case 16	1	246,534,452	249,218,992	5	0	5	1
Case 16	2	18,674	19,952,381	2	2	4	0
Case 16	2	19,954,038	20,197,017	2	1	3	0
Case 16	2	20,197,018	65,355,744	2	2	4	0
Case 16	2	65,364,702	65,402,878	4	1	5	0
Case 16	2	65,413,746	92,081,640	2	2	4	0
Case 16	2	95,429,424	129,451,446	2	2	4	0
Case 16	2	129,451,757	129,467,773	6	1	7	0
Case 16	2	129,471,297	134,206,763	2	2	4	0
Case 16	2	134,207,106	134,213,436	2	1	3	0
Case 16	2	134,214,728	134,528,954	3	0	3	1
Case 16	2	134,529,098	134,529,356	2	0	2	1
Case 16	2	134,531,412	134,531,412	2	1	3	0
Case 16	2	134,532,317	219,892,928	2	2	4	0
Case 16	2	219,894,260	220,011,092	2	1	3	0
Case 16	2	220,011,430	243,048,760	2	2	4	0
Case 16	3	61,495	45,030,749	2	1	3	0
Case 16	3	45,034,411	51,266,985	2	0	2	1
Case 16	3	51,274,967	57,822,422	2	1	3	0
Case 16	3	57,822,950	57,978,283	2	0	2	1
Case 16	3	57,978,556	60,349,462	2	1	3	0
Case 16	3	60,350,709	60,360,747	1	1	2	0
Case 16	3	60,364,676	60,572,073	0	0	0	0
Case 16	3	60,573,681	60,643,045	1	0	1	0
Case 16	3	60,647,540	60,655,448	2	0	2	1
Case 16	3	60,657,068	90,442,925	2	1	3	0
Case 16	3	93,537,290	93,803,041	2	1	3	0
Case 16	3	93,803,061	100,014,146	2	2	4	0
Case 16	3	100,014,606	100,479,384	2	1	3	0
Case 16	3	100,480,812	103,831,303	2	2	4	0
Case 16	3	103,831,895	104,822,019	2	1	3	0
Case 16	3	104,825,919	113,321,199	2	2	4	0
Case 16	3	113,321,950	115,571,364	2	1	3	0
Case 16	3	115,575,949	118,779,507	2	2	4	0
Case 16	3	118,781,005	122,885,247	2	1	3	0
Case 16	3	122,886,174	124,381,439	2	2	4	0
Case 16	3	124,385,301	130,409,494	2	1	3	0
Case 16	3	130,422,592	133,538,515	2	2	4	0
Case 16	3	133,538,548	134,538,797	2	1	3	0
Case 16	3	134,544,299	135,153,284	2	2	4	0
Case 16	3	135,167,677	136,879,530	2	1	3	0
Case 16	3	136,882,119	138,156,543	2	2	4	0
Case 16	3	138,176,414	140,435,469	2	1	3	0
Case 16	3	140,445,224	159,614,512	2	2	4	0
Case 16	3	159,625,545	159,814,546	2	1	3	0
Case 16	3	159,819,567	164,269,269	2	2	4	0
Case 16	3	164,272,414	165,769,683	2	1	3	0
Case 16	3	165,778,002	180,037,359	2	2	4	0
Case 16	3	180,042,078	180,799,879	2	1	3	0

Case 16	3	180,831,977	183,691,451	2	2	4	0
Case 16	3	183,691,725	184,216,196	2	1	3	0
Case 16	3	184,216,307	194,780,749	2	2	4	0
Case 16	3	194,785,443	195,827,205	2	1	3	0
Case 16	3	195,837,423	196,384,865	2	2	4	0
Case 16	3	196,386,693	197,838,262	2	1	3	0
Case 16	4	71,566	442,021	2	0	2	1
Case 16	4	445,794	17,765,622	2	1	3	0
Case 16	4	17,769,238	20,959,057	2	0	2	1
Case 16	4	20,960,640	35,333,439	2	1	3	0
Case 16	4	35,348,509	35,583,122	1	1	2	0
Case 16	4	35,588,460	49,620,898	2	1	3	0
Case 16	4	52,697,856	91,534,943	2	1	3	0
Case 16	4	91,546,159	91,729,462	2	0	2	1
Case 16	4	91,732,390	117,863,273	2	1	3	0
Case 16	4	117,863,537	118,165,691	1	1	2	0
Case 16	4	118,185,220	190,963,766	2	1	3	0
Case 16	5	38,139	163,536	4	1	5	0
Case 16	5	163,554	2,920,692	3	1	4	0
Case 16	5	2,922,114	2,922,427	3	2	5	0
Case 16	5	2,923,396	3,084,205	4	1	5	0
Case 16	5	3,086,514	3,086,934	3	2	5	0
Case 16	5	3,088,781	3,273,318	3	1	4	0
Case 16	5	3,281,517	15,298,906	3	2	5	0
Case 16	5	15,310,572	26,193,999	4	1	5	0
Case 16	5	26,199,587	26,263,051	2	2	4	0
Case 16	5	26,265,398	26,265,398	7	0	7	1
Case 16	5	26,266,929	40,692,317	3	2	5	0
Case 16	5	40,692,940	46,399,093	4	1	5	0
Case 16	5	49,457,282	101,228,173	2	1	3	0
Case 16	5	101,234,121	101,394,874	1	1	2	0
Case 16	5	101,395,391	180,693,127	2	1	3	0
Case 16	6	108,666	1,613,686	2	2	4	0
Case 16	6	1,617,143	1,921,848	2	1	3	0
Case 16	6	1,926,650	2,293,020	1	1	2	0
Case 16	6	2,329,168	2,445,903	2	1	3	0
Case 16	6	2,447,602	25,966,909	2	2	4	0
Case 16	6	25,967,019	26,608,261	2	1	3	0
Case 16	6	26,608,325	29,445,495	2	2	4	0
Case 16	6	29,446,632	29,550,416	4	1	5	0
Case 16	6	29,550,618	29,662,374	2	2	4	0
Case 16	6	29,662,443	29,771,879	2	1	3	0
Case 16	6	29,772,395	31,271,157	2	2	4	0
Case 16	6	31,271,270	31,352,902	2	1	3	0
Case 16	6	31,353,593	31,547,689	2	2	4	0
Case 16	6	31,547,792	32,150,560	2	1	3	0
Case 16	6	32,150,663	42,575,723	2	2	4	0
Case 16	6	42,579,963	43,163,933	2	1	3	0
Case 16	6	43,164,501	58,752,089	2	2	4	0
Case 16	6	61,891,118	70,003,609	2	2	4	0
Case 16	6	70,003,822	94,005,099	2	1	3	0
Case 16	6	94,008,535	97,058,451	1	1	2	0
Case 16	6	97,058,515	97,476,678	2	1	3	0
Case 16	6	97,489,770	98,638,360	1	1	2	0
Case 16	6	98,646,199	99,801,698	2	1	3	0
Case 16	6	99,803,269	100,428,029	1	1	2	0
Case 16	6	100,428,313	102,505,857	2	1	3	0
Case 16	6	102,511,846	104,625,659	1	1	2	0
Case 16	6	104,628,972	107,295,198	2	1	3	0
Case 16	6	107,298,061	107,742,215	1	1	2	0
Case 16	6	107,754,363	108,294,470	2	1	3	0

Case 16	6	108,300,912	108,867,031	1	1	2	0
Case 16	6	108,875,645	109,771,257	2	1	3	0
Case 16	6	109,771,258	110,732,314	1	1	2	0
Case 16	6	110,732,736	111,543,412	2	1	3	0
Case 16	6	111,548,813	111,935,682	1	1	2	0
Case 16	6	111,936,578	112,508,770	2	1	3	0
Case 16	6	112,510,336	112,972,697	1	1	2	0
Case 16	6	112,973,229	113,972,650	2	1	3	0
Case 16	6	113,975,118	118,214,352	1	1	2	0
Case 16	6	118,214,732	119,946,363	2	1	3	0
Case 16	6	119,949,791	123,236,650	1	1	2	0
Case 16	6	123,238,525	123,672,656	2	1	3	0
Case 16	6	123,673,686	125,172,488	1	1	2	0
Case 16	6	125,175,526	128,223,935	2	1	3	0
Case 16	6	128,239,412	129,604,372	1	1	2	0
Case 16	6	129,605,056	132,920,150	2	1	3	0
Case 16	6	132,921,520	133,625,980	1	1	2	0
Case 16	6	133,631,190	134,704,195	2	1	3	0
Case 16	6	134,706,333	135,022,152	1	1	2	0
Case 16	6	135,022,253	137,112,958	2	1	3	0
Case 16	6	137,113,248	137,454,459	1	1	2	0
Case 16	6	137,462,218	138,967,387	2	1	3	0
Case 16	6	138,970,367	139,167,807	1	1	2	0
Case 16	6	139,170,412	140,251,292	2	1	3	0
Case 16	6	140,253,023	142,921,498	1	1	2	0
Case 16	6	142,922,061	150,052,782	2	1	3	0
Case 16	6	150,057,748	150,330,061	1	1	2	0
Case 16	6	150,338,065	170,980,171	2	1	3	0
Case 16	7	44,935	7,854,806	5	0	5	1
Case 16	7	7,856,669	8,060,056	6	0	6	1
Case 16	7	8,062,590	9,101,172	5	0	5	1
Case 16	7	9,102,112	10,749,914	6	0	6	1
Case 16	7	10,750,560	11,593,963	5	0	5	1
Case 16	7	11,595,832	13,887,745	6	0	6	1
Case 16	7	13,889,107	14,534,248	5	0	5	1
Case 16	7	14,537,224	16,342,982	6	0	6	1
Case 16	7	16,346,213	16,622,785	5	0	5	1
Case 16	7	16,627,015	20,104,908	6	0	6	1
Case 16	7	20,114,589	38,064,082	5	0	5	1
Case 16	7	38,064,636	38,385,938	6	0	6	1
Case 16	7	38,412,022	46,314,463	5	0	5	1
Case 16	7	46,320,115	46,894,870	6	0	6	1
Case 16	7	46,899,150	48,294,575	5	0	5	1
Case 16	7	48,308,588	48,375,867	6	0	6	1
Case 16	7	48,376,158	52,245,441	5	0	5	1
Case 16	7	52,246,309	52,722,258	6	0	6	1
Case 16	7	52,722,432	57,528,311	5	0	5	1
Case 16	7	57,529,604	58,019,061	6	0	6	1
Case 16	7	61,056,053	61,852,895	6	0	6	1
Case 16	7	61,994,170	73,673,643	3	2	5	0
Case 16	7	73,695,848	73,901,739	7	0	7	1
Case 16	7	73,907,973	78,463,648	3	2	5	0
Case 16	7	78,467,217	84,089,388	7	0	7	1
Case 16	7	84,098,378	84,098,378	2	2	4	0
Case 16	7	84,101,774	85,573,660	5	2	7	0
Case 16	7	85,574,619	88,301,914	7	0	7	1
Case 16	7	88,302,772	88,302,772	2	2	4	0
Case 16	7	88,302,926	92,989,228	6	1	7	0
Case 16	7	92,991,487	92,991,487	2	2	4	0
Case 16	7	92,991,879	94,294,371	7	0	7	1
Case 16	7	94,294,682	94,296,769	2	2	4	0



Case 16	7	94,296,793	95,813,688	6	1	7	0
Case 16	7	95,817,231	99,630,948	7	0	7	1
Case 16	7	99,631,342	100,674,467	3	0	3	1
Case 16	7	100,674,899	100,685,355	2	0	2	1
Case 16	7	100,685,397	157,480,939	3	0	3	1
Case 16	7	157,485,165	157,485,165	2	0	2	1
Case 16	7	157,487,013	157,600,780	1	0	1	0
Case 16	7	157,605,468	157,605,815	2	0	2	1
Case 16	7	157,625,051	159,119,486	3	0	3	1
Case 16	8	164,984	6,469,440	1	1	2	0
Case 16	8	6,469,600	6,742,558	2	1	3	0
Case 16	8	6,743,029	10,605,234	1	1	2	0
Case 16	8	10,611,882	11,617,505	2	1	3	0
Case 16	8	11,618,107	12,626,394	1	1	2	0
Case 16	8	12,627,878	12,869,185	2	1	3	0
Case 16	8	12,870,160	17,176,644	1	1	2	0
Case 16	8	17,177,934	17,554,774	2	1	3	0
Case 16	8	17,554,847	18,725,558	1	1	2	0
Case 16	8	18,728,941	18,790,724	2	1	3	0
Case 16	8	18,791,682	20,112,418	1	1	2	0
Case 16	8	20,112,587	21,977,305	2	1	3	0
Case 16	8	21,977,860	22,954,194	1	1	2	0
Case 16	8	22,957,606	23,797,763	2	1	3	0
Case 16	8	23,828,175	24,176,278	1	1	2	0
Case 16	8	24,178,738	25,323,241	2	1	3	0
Case 16	8	25,323,772	25,801,335	1	1	2	0
Case 16	8	25,805,224	26,021,965	2	1	3	0
Case 16	8	26,023,906	26,440,229	1	1	2	0
Case 16	8	26,441,275	26,623,647	2	1	3	0
Case 16	8	26,623,868	27,039,100	1	1	2	0
Case 16	8	27,040,155	27,402,494	2	1	3	0
Case 16	8	27,402,664	27,711,673	1	1	2	0
Case 16	8	27,715,116	28,076,422	2	1	3	0
Case 16	8	28,084,323	29,616,242	1	1	2	0
Case 16	8	29,619,600	30,146,429	2	1	3	0
Case 16	8	30,149,262	36,908,104	1	1	2	0
Case 16	8	36,911,307	38,678,000	2	1	3	0
Case 16	8	38,684,695	41,573,488	1	1	2	0
Case 16	8	41,574,488	42,178,280	2	1	3	0
Case 16	8	42,178,334	43,791,691	1	1	2	0
Case 16	8	46,886,735	69,837,546	1	1	2	0
Case 16	8	69,838,267	133,337,663	2	1	3	0
Case 16	8	133,339,397	133,482,177	2	2	4	0
Case 16	8	133,482,984	146,293,414	2	1	3	0
Case 16	9	46,587	20,986,362	1	1	2	0
Case 16	9	20,986,463	20,988,418	0	0	0	0
Case 16	9	20,988,423	20,990,164	1	0	1	0
Case 16	9	20,990,180	20,990,242	0	0	0	0
Case 16	9	20,990,364	21,166,270	1	0	1	0
Case 16	9	21,170,595	23,829,728	0	0	0	0
Case 16	9	23,829,824	31,938,495	1	0	1	0
Case 16	9	31,951,536	34,557,313	2	0	2	1
Case 16	9	34,557,610	34,972,352	3	0	3	1
Case 16	9	34,972,443	38,636,463	2	0	2	1
Case 16	9	38,639,318	38,741,712	3	0	3	1
Case 16	9	38,742,787	43,581,253	2	0	2	1
Case 16	9	43,627,237	46,944,322	3	0	3	1
Case 16	9	65,629,772	140,205,159	3	0	3	1
Case 16	9	140,205,269	140,247,365	2	0	2	1
Case 16	9	140,248,802	141,066,491	3	0	3	1
Case 16	10	98,087	1,576,292	1	0	1	0

Case 16	10	1,576,738	1,727,178	2	0	2	1
Case 16	10	1,728,840	3,095,281	1	0	1	0
Case 16	10	3,096,702	3,207,632	2	0	2	1
Case 16	10	3,208,512	5,435,827	1	0	1	0
Case 16	10	5,435,918	5,794,475	2	0	2	1
Case 16	10	5,799,613	6,035,149	1	0	1	0
Case 16	10	6,036,144	6,220,388	2	0	2	1
Case 16	10	6,220,725	6,402,741	1	0	1	0
Case 16	10	6,405,507	6,520,963	2	0	2	1
Case 16	10	6,522,506	7,084,300	1	0	1	0
Case 16	10	7,084,468	7,265,468	2	0	2	1
Case 16	10	7,266,521	12,211,970	1	0	1	0
Case 16	10	12,214,844	12,307,963	2	0	2	1
Case 16	10	12,310,737	12,758,991	1	0	1	0
Case 16	10	12,762,303	12,938,961	2	0	2	1
Case 16	10	12,939,124	14,029,701	1	0	1	0
Case 16	10	14,029,742	14,202,285	2	0	2	1
Case 16	10	14,208,510	14,563,299	1	0	1	0
Case 16	10	14,563,960	14,734,972	2	0	2	1
Case 16	10	14,736,077	16,932,384	1	0	1	0
Case 16	10	16,932,424	16,975,190	2	0	2	1
Case 16	10	16,976,226	24,595,755	1	0	1	0
Case 16	10	24,595,889	24,908,437	2	0	2	1
Case 16	10	24,908,614	29,258,268	1	0	1	0
Case 16	10	29,259,450	29,428,085	2	0	2	1
Case 16	10	29,428,123	30,274,368	1	0	1	0
Case 16	10	30,278,236	30,560,230	2	0	2	1
Case 16	10	30,570,045	38,501,841	1	0	1	0
Case 16	10	38,502,333	39,097,912	2	0	2	1
Case 16	10	42,436,301	47,000,019	2	0	2	1
Case 16	10	47,000,252	47,412,588	2	1	3	0
Case 16	10	47,543,322	47,650,490	4	1	5	0
Case 16	10	47,660,466	68,457,813	2	0	2	1
Case 16	10	68,461,866	68,587,558	1	0	1	0
Case 16	10	68,593,916	68,645,433	2	0	2	1
Case 16	10	68,648,238	68,736,018	1	1	2	0
Case 16	10	68,741,681	68,978,867	0	0	0	0
Case 16	10	68,979,376	69,042,380	1	0	1	0
Case 16	10	69,050,705	78,768,629	2	0	2	1
Case 16	10	78,770,196	79,578,292	3	0	3	1
Case 16	10	79,579,047	79,795,580	2	0	2	1
Case 16	10	79,799,959	80,066,149	3	0	3	1
Case 16	10	80,073,376	80,752,765	2	0	2	1
Case 16	10	80,756,541	80,932,607	3	0	3	1
Case 16	10	80,932,877	95,046,048	2	0	2	1
Case 16	10	95,046,375	95,148,835	3	0	3	1
Case 16	10	95,148,875	102,056,784	2	0	2	1
Case 16	10	102,056,790	102,647,686	3	0	3	1
Case 16	10	102,648,765	107,870,474	2	0	2	1
Case 16	10	107,873,989	109,458,854	3	0	3	1
Case 16	10	109,459,645	126,182,752	2	0	2	1
Case 16	10	126,184,988	126,230,878	3	0	3	1
Case 16	10	126,235,677	135,234,580	2	0	2	1
Case 16	10	135,235,890	135,400,457	4	0	4	1
Case 16	10	135,402,200	135,477,883	2	0	2	1
Case 16	11	193,146	1,015,786	1	1	2	0
Case 16	11	1,015,828	1,026,001	2	1	3	0
Case 16	11	1,026,400	4,613,366	1	1	2	0
Case 16	11	4,615,767	5,021,055	2	1	3	0
Case 16	11	5,021,116	5,474,093	1	1	2	0
Case 16	11	5,474,350	5,566,584	2	1	3	0

Case 16	11	5,566,590	6,220,820	1	1	2	0
Case 16	11	6,221,169	6,327,406	2	1	3	0
Case 16	11	6,332,242	6,413,014	1	1	2	0
Case 16	11	6,413,167	6,942,915	2	1	3	0
Case 16	11	6,943,130	12,080,552	1	1	2	0
Case 16	11	12,082,627	12,289,881	2	1	3	0
Case 16	11	12,290,812	35,006,222	1	1	2	0
Case 16	11	35,006,520	35,238,024	2	1	3	0
Case 16	11	35,238,459	36,111,616	1	1	2	0
Case 16	11	36,111,766	36,469,758	2	1	3	0
Case 16	11	36,470,815	48,161,067	1	1	2	0
Case 16	11	48,162,305	48,346,535	2	1	3	0
Case 16	11	48,346,541	51,591,253	1	1	2	0
Case 16	11	54,794,237	56,185,315	1	1	2	0
Case 16	11	56,185,341	56,468,528	2	1	3	0
Case 16	11	56,468,681	59,210,646	1	1	2	0
Case 16	11	59,210,726	59,254,395	2	1	3	0
Case 16	11	59,256,054	65,637,693	1	1	2	0
Case 16	11	65,637,703	65,656,282	2	1	3	0
Case 16	11	65,656,564	76,885,826	1	1	2	0
Case 16	11	76,885,871	77,069,746	2	1	3	0
Case 16	11	77,070,037	92,056,136	1	1	2	0
Case 16	11	92,071,856	92,590,448	2	1	3	0
Case 16	11	92,594,957	116,728,743	1	1	2	0
Case 16	11	116,728,889	117,102,648	2	1	3	0
Case 16	11	117,105,004	119,181,151	1	1	2	0
Case 16	11	119,181,170	119,808,956	2	1	3	0
Case 16	11	119,816,512	126,060,666	1	1	2	0
Case 16	11	126,060,763	126,343,310	2	1	3	0
Case 16	11	126,346,426	134,934,063	1	1	2	0
Case 16	12	191,619	11,150,448	2	2	4	0
Case 16	12	11,151,599	11,272,192	2	1	3	0
Case 16	12	11,279,503	34,853,011	2	2	4	0
Case 16	12	37,876,400	38,124,847	2	2	4	0
Case 16	12	38,132,172	41,195,135	4	1	5	0
Case 16	12	41,196,230	47,403,015	3	2	5	0
Case 16	12	47,408,291	47,486,147	4	1	5	0
Case 16	12	47,486,382	51,240,678	3	1	4	0
Case 16	12	51,243,077	51,386,184	4	1	5	0
Case 16	12	51,389,509	55,055,400	3	1	4	0
Case 16	12	55,060,664	55,354,987	4	1	5	0
Case 16	12	55,355,015	55,673,008	3	1	4	0
Case 16	12	55,677,756	56,022,869	4	1	5	0
Case 16	12	56,025,054	58,225,904	3	1	4	0
Case 16	12	58,229,377	58,328,500	5	0	5	1
Case 16	12	58,329,820	79,432,941	3	2	5	0
Case 16	12	79,441,371	79,441,371	7	0	7	1
Case 16	12	79,444,707	79,444,707	3	2	5	0
Case 16	12	79,449,407	79,449,407	2	2	4	0
Case 16	12	79,454,982	79,454,982	3	2	5	0
Case 16	12	79,464,069	80,665,460	4	1	5	0
Case 16	12	80,665,473	81,031,541	5	1	6	0
Case 16	12	81,035,063	85,372,417	4	1	5	0
Case 16	12	85,377,870	133,810,935	2	2	4	0
Case 16	13	19,058,717	19,771,535	2	0	2	1
Case 16	13	19,774,848	73,636,590	2	1	3	0
Case 16	13	73,636,621	73,636,871	2	2	4	0
Case 16	13	73,641,750	73,676,673	7	0	7	1
Case 16	13	73,680,818	73,703,305	2	2	4	0
Case 16	13	73,712,365	115,103,529	2	1	3	0
Case 16	14	19,280,733	20,344,854	2	2	4	0

Case 16	14	20,345,031	20,425,051	4	1	5	0
Case 16	14	20,426,742	22,590,877	2	1	3	0
Case 16	14	22,590,996	22,957,488	3	1	4	0
Case 16	14	22,957,900	41,860,852	2	1	3	0
Case 16	14	41,870,230	42,877,636	1	1	2	0
Case 16	14	42,881,888	43,103,820	2	1	3	0
Case 16	14	43,108,456	44,261,060	1	1	2	0
Case 16	14	44,261,673	107,287,663	2	1	3	0
Case 16	15	20,034,919	21,903,815	2	2	4	0
Case 16	15	21,904,331	22,427,966	4	1	5	0
Case 16	15	22,652,330	43,572,032	2	1	3	0
Case 16	15	43,572,110	43,769,931	2	0	2	1
Case 16	15	43,771,694	54,527,299	2	1	3	0
Case 16	15	54,529,770	54,745,309	1	1	2	0
Case 16	15	54,753,968	81,888,336	2	1	3	0
Case 16	15	81,889,290	87,635,058	2	2	4	0
Case 16	15	87,636,301	88,519,216	4	1	5	0
Case 16	15	88,520,291	90,548,305	3	1	4	0
Case 16	15	90,551,003	92,548,505	4	1	5	0
Case 16	15	92,549,465	94,193,200	2	2	4	0
Case 16	15	94,194,564	99,194,896	4	1	5	0
Case 16	15	99,196,112	100,053,126	3	1	4	0
Case 16	15	100,067,546	100,533,063	4	1	5	0
Case 16	15	100,533,254	100,937,762	3	1	4	0
Case 16	15	100,942,373	101,421,872	4	1	5	0
Case 16	15	101,422,571	102,006,485	3	1	4	0
Case 16	15	102,008,648	102,461,162	4	1	5	0
Case 16	16	88,165	362,638	2	2	4	0
Case 16	16	364,544	1,827,180	2	1	3	0
Case 16	16	1,827,258	1,962,123	2	2	4	0
Case 16	16	1,962,132	3,117,577	2	1	3	0
Case 16	16	3,117,607	3,299,759	2	2	4	0
Case 16	16	3,301,360	3,860,674	2	1	3	0
Case 16	16	3,860,684	4,163,779	2	0	2	1
Case 16	16	4,164,738	4,171,701	2	1	3	0
Case 16	16	4,180,337	4,307,646	2	2	4	0
Case 16	16	4,310,231	4,819,496	2	1	3	0
Case 16	16	4,821,698	4,933,624	2	2	4	0
Case 16	16	4,933,690	5,225,829	2	1	3	0
Case 16	16	5,226,917	28,323,470	2	2	4	0
Case 16	16	28,325,940	32,910,521	2	1	3	0
Case 16	16	32,941,309	35,285,582	2	0	2	1
Case 16	16	46,450,037	47,699,855	2	0	2	1
Case 16	16	47,703,157	48,266,831	3	0	3	1
Case 16	16	48,268,318	48,846,170	2	0	2	1
Case 16	16	48,851,380	49,913,220	3	0	3	1
Case 16	16	49,914,323	51,491,825	2	0	2	1
Case 16	16	51,494,189	52,946,137	3	0	3	1
Case 16	16	52,946,814	53,777,020	2	0	2	1
Case 16	16	53,780,102	56,389,690	3	0	3	1
Case 16	16	56,394,035	56,686,970	2	0	2	1
Case 16	16	56,687,048	57,761,286	3	0	3	1
Case 16	16	57,761,311	57,869,092	2	0	2	1
Case 16	16	57,877,640	59,421,321	3	0	3	1
Case 16	16	59,426,914	64,216,776	2	0	2	1
Case 16	16	64,221,018	66,977,896	3	0	3	1
Case 16	16	66,977,979	67,919,730	2	0	2	1
Case 16	16	67,919,906	68,359,280	3	0	3	1
Case 16	16	68,373,384	68,393,405	2	0	2	1
Case 16	16	68,395,161	68,803,222	1	0	1	0
Case 16	16	68,810,923	69,007,951	2	0	2	1

Case 16	16	69,008,037	70,303,580	3	0	3	1
Case 16	16	70,303,659	70,721,883	2	0	2	1
Case 16	16	70,722,940	71,278,689	3	0	3	1
Case 16	16	71,283,500	72,055,097	2	0	2	1
Case 16	16	72,055,187	73,392,951	3	0	3	1
Case 16	16	73,393,321	73,725,220	2	0	2	1
Case 16	16	73,725,652	74,062,203	3	0	3	1
Case 16	16	74,063,280	75,269,325	2	0	2	1
Case 16	16	75,269,441	75,663,382	3	0	3	1
Case 16	16	75,663,416	76,713,351	2	0	2	1
Case 16	16	76,735,249	77,261,152	3	0	3	1
Case 16	16	77,262,358	77,398,263	2	0	2	1
Case 16	16	77,400,082	78,056,974	3	0	3	1
Case 16	16	78,062,029	78,663,258	2	0	2	1
Case 16	16	78,665,808	80,964,406	3	0	3	1
Case 16	16	80,969,674	81,097,362	2	0	2	1
Case 16	16	81,097,373	82,034,430	3	0	3	1
Case 16	16	82,034,435	82,209,217	2	0	2	1
Case 16	16	82,213,799	83,435,942	3	0	3	1
Case 16	16	83,439,436	83,664,582	2	0	2	1
Case 16	16	83,664,642	83,755,481	3	0	3	1
Case 16	16	83,756,017	84,231,114	2	0	2	1
Case 16	16	84,231,433	84,479,267	3	0	3	1
Case 16	16	84,479,407	84,525,813	2	0	2	1
Case 16	16	84,527,021	85,736,871	3	0	3	1
Case 16	16	85,742,030	86,139,685	2	0	2	1
Case 16	16	86,140,265	88,440,878	3	0	3	1
Case 16	16	88,445,569	88,901,632	2	0	2	1
Case 16	16	88,901,662	89,246,681	3	0	3	1
Case 16	16	89,246,726	90,106,910	2	0	2	1
Case 16	16	90,108,832	90,274,695	3	0	3	1
Case 16	17	11,885	930,951	2	1	3	0
Case 16	17	931,002	941,070	3	1	4	0
Case 16	17	941,439	953,456	4	1	5	0
Case 16	17	953,737	22,242,355	2	1	3	0
Case 16	17	25,268,142	81,060,040	2	1	3	0
Case 16	18	87,505	12,918,318	2	0	2	1
Case 16	18	12,921,361	12,921,361	2	1	3	0
Case 16	18	12,922,549	12,922,549	2	2	4	0
Case 16	18	12,924,312	12,951,738	7	0	7	1
Case 16	18	12,951,878	15,375,878	2	0	2	1
Case 16	18	18,520,354	19,913,064	2	1	3	0
Case 16	18	19,914,353	23,210,263	2	2	4	0
Case 16	18	23,211,723	23,319,704	4	1	5	0
Case 16	18	23,322,684	48,100,072	2	0	2	1
Case 16	18	48,106,595	48,691,665	3	0	3	1
Case 16	18	48,691,696	56,120,654	2	0	2	1
Case 16	18	56,122,655	56,258,884	3	0	3	1
Case 16	18	56,261,723	78,015,180	2	0	2	1
Case 16	19	260,912	11,978,417	2	1	3	0
Case 16	19	11,978,629	12,241,245	1	1	2	0
Case 16	19	12,242,300	20,727,516	2	1	3	0
Case 16	19	20,728,636	22,086,049	2	0	2	1
Case 16	19	22,086,140	23,503,445	2	1	3	0
Case 16	19	23,511,218	24,629,285	1	1	2	0
Case 16	19	27,732,159	28,329,411	1	1	2	0
Case 16	19	28,332,369	59,097,160	2	1	3	0
Case 16	20	63,244	182,013	2	1	3	0
Case 16	20	183,222	360,789	2	2	4	0
Case 16	20	368,739	7,962,072	2	1	3	0
Case 16	20	7,962,128	10,653,471	2	2	4	0

Case 16	20	10,653,603	11,100,677	2	1	3	0
Case 16	20	11,107,386	14,436,938	2	2	4	0
Case 16	20	14,455,497	14,526,164	2	1	3	0
Case 16	20	14,530,220	14,840,502	2	0	2	1
Case 16	20	14,842,386	14,842,386	2	1	3	0
Case 16	20	14,847,907	26,293,985	2	2	4	0
Case 16	20	29,425,357	34,054,019	2	2	4	0
Case 16	20	34,054,790	34,568,384	2	1	3	0
Case 16	20	34,568,423	41,831,299	2	2	4	0
Case 16	20	41,832,049	42,143,218	2	1	3	0
Case 16	20	42,143,266	51,741,616	2	2	4	0
Case 16	20	51,744,157	52,654,547	7	0	7	1
Case 16	20	52,660,741	52,944,580	2	2	4	0
Case 16	20	52,948,117	53,387,775	7	0	7	1
Case 16	20	53,393,214	53,936,950	3	2	5	0
Case 16	20	53,939,607	54,813,533	7	0	7	1
Case 16	20	54,817,822	55,816,734	2	2	4	0
Case 16	20	55,824,475	55,830,151	4	1	5	0
Case 16	20	55,871,840	56,577,581	5	1	6	0
Case 16	20	56,579,137	56,579,137	2	2	4	0
Case 16	20	56,582,331	61,453,946	7	0	7	1
Case 16	20	61,458,135	62,948,788	2	0	2	1
Case 16	21	10,827,533	10,971,337	2	1	3	0
Case 16	21	14,368,320	35,281,496	2	1	3	0
Case 16	21	35,284,683	35,386,385	2	0	2	1
Case 16	21	35,390,852	36,171,613	2	1	3	0
Case 16	21	36,172,283	36,241,929	2	0	2	1
Case 16	21	36,245,198	36,459,698	1	0	1	0
Case 16	21	36,461,659	36,461,659	2	0	2	1
Case 16	21	36,462,734	48,100,155	2	1	3	0
Case 16	22	16,114,244	51,195,728	2	0	2	1
Case 25	1	82,154	1,179,365	2	1	3	0
Case 25	1	1,179,619	1,288,823	1	1	2	0
Case 25	1	1,289,446	1,478,153	2	1	3	0
Case 25	1	1,479,333	1,712,230	1	1	2	0
Case 25	1	1,715,011	3,407,007	2	1	3	0
Case 25	1	3,407,112	3,440,718	1	1	2	0
Case 25	1	3,440,753	40,462,662	2	1	3	0
Case 25	1	40,499,302	41,399,738	2	2	4	0
Case 25	1	41,402,143	50,676,278	2	1	3	0
Case 25	1	50,679,059	51,092,829	2	2	4	0
Case 25	1	51,118,253	64,329,485	2	1	3	0
Case 25	1	64,339,801	64,647,608	2	2	4	0
Case 25	1	64,656,538	85,016,112	2	1	3	0
Case 25	1	85,016,177	85,035,778	1	1	2	0
Case 25	1	85,036,315	92,647,223	2	1	3	0
Case 25	1	92,647,250	94,574,780	2	2	4	0
Case 25	1	94,575,043	114,606,912	2	1	3	0
Case 25	1	114,616,228	114,682,286	2	2	4	0
Case 25	1	114,682,407	115,675,957	2	1	3	0
Case 25	1	115,676,278	115,846,221	3	1	4	0
Case 25	1	115,847,295	118,757,034	2	1	3	0
Case 25	1	118,757,864	121,346,616	2	2	4	0
Case 25	1	142,649,718	144,889,465	2	2	4	0
Case 25	1	144,894,611	149,201,987	4	1	5	0
Case 25	1	149,660,940	151,510,825	3	1	4	0
Case 25	1	151,511,268	153,640,827	4	1	5	0
Case 25	1	153,642,909	154,626,705	3	1	4	0
Case 25	1	154,630,498	154,766,100	4	1	5	0
Case 25	1	154,766,495	157,067,666	3	1	4	0
Case 25	1	157,067,672	161,014,727	4	1	5	0

Case 25	1	161,015,268	161,193,683	3	1	4	0
Case 25	1	161,197,244	174,552,811	4	1	5	0
Case 25	1	174,592,050	181,874,667	3	1	4	0
Case 25	1	181,876,870	201,177,475	4	1	5	0
Case 25	1	201,177,611	201,453,861	3	1	4	0
Case 25	1	201,454,923	201,712,748	4	1	5	0
Case 25	1	201,717,721	202,509,362	3	1	4	0
Case 25	1	202,531,968	203,134,682	4	1	5	0
Case 25	1	203,135,013	203,151,920	3	1	4	0
Case 25	1	203,152,801	205,033,819	4	1	5	0
Case 25	1	205,034,267	205,642,790	3	1	4	0
Case 25	1	205,648,707	227,920,447	4	1	5	0
Case 25	1	227,920,503	228,880,021	3	1	4	0
Case 25	1	228,880,115	236,338,622	4	1	5	0
Case 25	1	236,341,794	236,800,747	3	1	4	0
Case 25	1	236,802,303	247,130,577	4	1	5	0
Case 25	1	247,139,343	247,607,296	3	1	4	0
Case 25	1	247,607,642	249,218,992	4	1	5	0
Case 25	2	18,674	4,279,962	4	0	4	1
Case 25	2	4,280,385	6,038,606	5	0	5	1
Case 25	2	6,039,177	6,725,121	4	0	4	1
Case 25	2	6,727,808	8,843,347	5	0	5	1
Case 25	2	8,845,429	11,943,118	4	0	4	1
Case 25	2	11,959,905	15,417,151	5	0	5	1
Case 25	2	15,417,152	15,781,195	4	0	4	1
Case 25	2	15,782,471	15,940,948	5	0	5	1
Case 25	2	15,941,752	16,764,536	4	0	4	1
Case 25	2	16,770,592	20,069,414	5	0	5	1
Case 25	2	20,073,860	20,373,372	4	0	4	1
Case 25	2	20,374,158	21,188,180	5	0	5	1
Case 25	2	21,193,946	21,462,096	4	0	4	1
Case 25	2	21,469,336	23,258,658	5	0	5	1
Case 25	2	23,260,036	27,908,127	4	0	4	1
Case 25	2	27,910,706	28,786,640	5	0	5	1
Case 25	2	28,788,180	29,545,054	4	0	4	1
Case 25	2	29,545,378	31,372,429	5	0	5	1
Case 25	2	31,374,733	34,351,759	4	0	4	1
Case 25	2	34,355,651	36,969,336	5	0	5	1
Case 25	2	36,969,497	37,456,011	4	0	4	1
Case 25	2	37,456,032	38,139,081	5	0	5	1
Case 25	2	38,140,126	40,063,438	4	0	4	1
Case 25	2	40,069,664	42,364,439	5	0	5	1
Case 25	2	42,364,984	44,047,153	4	0	4	1
Case 25	2	44,047,530	44,128,697	5	0	5	1
Case 25	2	44,132,918	45,003,555	4	0	4	1
Case 25	2	45,013,538	45,757,489	5	0	5	1
Case 25	2	45,765,157	46,415,226	4	0	4	1
Case 25	2	46,415,545	46,793,943	5	0	5	1
Case 25	2	46,799,009	48,809,385	4	0	4	1
Case 25	2	48,809,445	53,877,608	5	0	5	1
Case 25	2	53,882,527	54,557,481	4	0	4	1
Case 25	2	54,558,114	54,954,824	5	0	5	1
Case 25	2	54,960,680	55,987,068	4	0	4	1
Case 25	2	55,988,870	57,948,003	5	0	5	1
Case 25	2	57,950,104	57,965,893	4	1	5	0
Case 25	2	57,970,943	58,478,179	5	1	6	0
Case 25	2	58,481,589	61,099,420	5	0	5	1
Case 25	2	61,104,835	62,599,559	4	0	4	1
Case 25	2	62,602,378	64,722,216	5	0	5	1
Case 25	2	64,723,091	65,935,157	4	0	4	1
Case 25	2	65,935,393	66,423,991	5	0	5	1

Case 25	2	66,430,063	87,046,014	3	0	3	1
Case 25	2	87,048,630	92,081,640	4	0	4	1
Case 25	2	95,429,424	95,455,258	4	1	5	0
Case 25	2	95,485,567	96,777,168	5	1	6	0
Case 25	2	96,780,082	97,268,597	4	1	5	0
Case 25	2	97,269,598	97,577,661	5	0	5	1
Case 25	2	97,578,329	105,532,887	4	2	6	0
Case 25	2	105,540,676	111,392,259	3	2	5	0
Case 25	2	111,395,603	114,730,384	3	1	4	0
Case 25	2	114,739,110	118,474,016	4	1	5	0
Case 25	2	118,477,333	120,281,735	3	1	4	0
Case 25	2	120,285,695	121,197,733	4	1	5	0
Case 25	2	121,202,152	122,544,461	3	1	4	0
Case 25	2	122,547,210	126,513,548	4	1	5	0
Case 25	2	126,520,538	131,484,635	3	1	4	0
Case 25	2	131,486,169	131,895,230	3	0	3	1
Case 25	2	131,896,476	145,585,009	4	0	4	1
Case 25	2	145,588,358	151,756,935	4	1	5	0
Case 25	2	151,760,808	153,129,366	3	1	4	0
Case 25	2	153,141,491	153,466,691	4	1	5	0
Case 25	2	153,468,112	154,510,972	3	1	4	0
Case 25	2	154,512,950	159,575,554	4	1	5	0
Case 25	2	159,577,307	160,322,656	3	1	4	0
Case 25	2	160,323,691	167,235,607	4	1	5	0
Case 25	2	167,242,799	168,099,787	3	1	4	0
Case 25	2	168,099,796	168,514,672	4	1	5	0
Case 25	2	168,515,362	168,671,309	3	1	4	0
Case 25	2	168,671,408	170,273,127	4	1	5	0
Case 25	2	170,278,948	170,865,808	3	1	4	0
Case 25	2	170,866,411	173,280,280	4	1	5	0
Case 25	2	173,287,607	174,267,281	3	1	4	0
Case 25	2	174,267,348	174,931,752	4	1	5	0
Case 25	2	174,931,957	176,044,863	3	1	4	0
Case 25	2	176,046,090	176,750,331	4	1	5	0
Case 25	2	176,752,831	177,536,629	3	1	4	0
Case 25	2	177,541,263	178,193,780	4	1	5	0
Case 25	2	178,196,885	178,545,566	3	1	4	0
Case 25	2	178,545,736	179,453,945	4	1	5	0
Case 25	2	179,454,020	180,149,795	3	1	4	0
Case 25	2	180,150,435	186,661,602	4	1	5	0
Case 25	2	186,664,825	186,817,136	2	1	3	0
Case 25	2	186,844,579	196,260,290	4	1	5	0
Case 25	2	196,260,762	198,498,595	3	1	4	0
Case 25	2	198,508,951	201,313,305	4	1	5	0
Case 25	2	201,313,988	201,440,070	3	1	4	0
Case 25	2	201,440,089	201,691,502	4	1	5	0
Case 25	2	201,692,776	202,672,651	3	1	4	0
Case 25	2	202,673,058	202,964,528	4	1	5	0
Case 25	2	202,969,687	204,571,441	3	1	4	0
Case 25	2	204,571,459	206,046,172	4	1	5	0
Case 25	2	206,048,814	206,236,189	3	1	4	0
Case 25	2	206,236,440	206,627,009	4	1	5	0
Case 25	2	206,627,473	208,115,178	3	1	4	0
Case 25	2	208,116,942	208,391,978	4	1	5	0
Case 25	2	208,393,998	211,954,880	4	0	4	1
Case 25	2	211,960,740	212,196,304	3	0	3	1
Case 25	2	212,199,994	219,229,762	4	0	4	1
Case 25	2	219,229,842	219,544,658	3	0	3	1
Case 25	2	219,544,733	221,607,036	4	0	4	1
Case 25	2	221,632,617	222,111,919	5	0	5	1
Case 25	2	222,119,829	224,036,595	4	0	4	1



Case 25	2	224,038,175	224,563,288	5	0	5	1
Case 25	2	224,568,089	224,836,562	4	0	4	1
Case 25	2	224,837,600	226,319,552	5	0	5	1
Case 25	2	226,336,889	227,529,244	4	1	5	0
Case 25	2	227,530,721	228,243,900	3	1	4	0
Case 25	2	228,243,902	228,279,610	4	1	5	0
Case 25	2	228,288,185	228,685,262	4	0	4	1
Case 25	2	228,691,605	229,371,034	4	1	5	0
Case 25	2	229,379,027	234,656,286	3	1	4	0
Case 25	2	234,656,517	234,740,758	4	1	5	0
Case 25	2	234,741,808	239,059,484	3	1	4	0
Case 25	2	239,059,582	240,951,071	4	1	5	0
Case 25	2	240,951,105	241,678,528	4	0	4	1
Case 25	2	241,679,490	241,806,305	4	1	5	0
Case 25	2	241,808,308	243,048,760	4	0	4	1
Case 25	3	61,495	48,735,706	3	0	3	1
Case 25	3	48,738,678	49,039,018	2	0	2	1
Case 25	3	49,039,732	49,237,394	3	0	3	1
Case 25	3	49,245,077	49,313,882	2	0	2	1
Case 25	3	49,313,893	60,188,605	3	0	3	1
Case 25	3	60,189,471	60,272,317	0	0	0	0
Case 25	3	60,274,049	60,305,117	1	0	1	0
Case 25	3	60,306,891	60,423,009	0	0	0	0
Case 25	3	60,434,122	88,287,719	3	0	3	1
Case 25	3	88,296,807	89,259,650	3	2	5	0
Case 25	3	89,262,358	90,442,925	2	2	4	0
Case 25	3	93,537,290	95,548,755	3	2	5	0
Case 25	3	95,549,039	95,599,457	3	1	4	0
Case 25	3	95,600,254	95,838,373	5	1	6	0
Case 25	3	95,838,707	96,319,964	5	2	7	0
Case 25	3	96,333,159	96,963,004	6	0	6	1
Case 25	3	96,971,803	97,086,184	5	1	6	0
Case 25	3	97,086,769	97,105,552	7	0	7	1
Case 25	3	97,140,890	123,451,743	2	2	4	0
Case 25	3	123,451,773	124,715,526	3	2	5	0
Case 25	3	124,716,596	128,695,828	2	2	4	0
Case 25	3	128,695,837	128,948,661	2	1	3	0
Case 25	3	128,959,313	155,481,320	2	2	4	0
Case 25	3	155,481,368	155,571,387	2	1	3	0
Case 25	3	155,571,610	159,956,559	2	2	4	0
Case 25	3	159,956,749	160,154,747	2	1	3	0
Case 25	3	160,156,040	174,852,459	2	2	4	0
Case 25	3	174,854,012	174,895,840	2	0	2	1
Case 25	3	174,898,957	174,926,485	0	0	0	0
Case 25	3	174,926,597	174,961,387	2	0	2	1
Case 25	3	174,962,279	175,077,686	2	2	4	0
Case 25	3	175,081,967	175,136,656	2	0	2	1
Case 25	3	175,139,842	180,321,090	2	2	4	0
Case 25	3	180,321,862	180,337,700	2	1	3	0
Case 25	3	180,342,293	183,226,078	2	2	4	0
Case 25	3	183,226,233	183,503,634	2	1	3	0
Case 25	3	183,503,988	183,665,742	2	2	4	0
Case 25	3	183,665,849	183,962,992	2	1	3	0
Case 25	3	183,963,134	195,518,170	2	2	4	0
Case 25	3	195,518,206	196,663,321	2	1	3	0
Case 25	3	196,665,854	197,428,623	2	2	4	0
Case 25	3	197,428,713	197,838,262	2	1	3	0
Case 25	4	71,566	2,861,430	2	1	3	0
Case 25	4	2,862,190	3,074,795	2	2	4	0
Case 25	4	3,084,269	4,199,600	2	1	3	0
Case 25	4	4,199,797	5,078,646	2	2	4	0

Case 25	4	5,078,789	8,228,894	2	1	3	0
Case 25	4	8,228,979	8,238,057	1	1	2	0
Case 25	4	8,238,090	21,566,178	2	1	3	0
Case 25	4	21,566,484	25,125,783	3	1	4	0
Case 25	4	25,127,309	49,620,898	2	1	3	0
Case 25	4	52,697,856	113,508,884	2	1	3	0
Case 25	4	113,511,629	113,622,050	1	1	2	0
Case 25	4	113,637,288	117,527,892	2	1	3	0
Case 25	4	117,540,588	117,613,353	0	0	0	0
Case 25	4	117,618,126	117,618,126	2	0	2	1
Case 25	4	117,623,903	121,021,737	2	1	3	0
Case 25	4	121,033,187	128,651,914	2	2	4	0
Case 25	4	128,655,836	129,214,377	2	1	3	0
Case 25	4	129,217,267	132,051,076	2	2	4	0
Case 25	4	132,052,397	132,298,239	2	1	3	0
Case 25	4	132,305,574	145,633,146	2	2	4	0
Case 25	4	145,633,530	146,002,881	2	0	2	1
Case 25	4	146,017,185	148,555,511	2	2	4	0
Case 25	4	148,559,136	148,822,403	2	1	3	0
Case 25	4	148,822,783	165,700,679	2	2	4	0
Case 25	4	165,707,728	166,024,181	2	1	3	0
Case 25	4	166,024,258	171,576,294	2	2	4	0
Case 25	4	171,579,204	172,999,916	3	2	5	0
Case 25	4	173,001,831	173,035,260	3	1	4	0
Case 25	4	173,040,504	173,543,874	5	1	6	0
Case 25	4	173,562,564	173,646,842	4	1	5	0
Case 25	4	173,653,680	174,392,507	3	2	5	0
Case 25	4	174,398,324	174,459,823	3	0	3	1
Case 25	4	174,461,343	175,880,491	2	0	2	1
Case 25	4	175,890,127	175,954,666	3	0	3	1
Case 25	4	175,964,181	183,661,673	2	0	2	1
Case 25	4	183,662,527	183,792,885	3	0	3	1
Case 25	4	183,793,275	184,241,281	2	0	2	1
Case 25	4	184,242,959	184,335,306	3	0	3	1
Case 25	4	184,338,589	184,902,533	2	0	2	1
Case 25	4	184,905,482	185,165,607	3	0	3	1
Case 25	4	185,170,812	185,263,811	2	0	2	1
Case 25	4	185,265,401	185,400,748	3	0	3	1
Case 25	4	185,406,285	185,801,346	2	0	2	1
Case 25	4	185,801,567	185,940,205	3	0	3	1
Case 25	4	185,940,785	186,537,232	2	0	2	1
Case 25	4	186,540,503	186,644,607	3	0	3	1
Case 25	4	186,648,646	187,201,219	2	0	2	1
Case 25	4	187,201,412	187,210,620	3	0	3	1
Case 25	4	187,212,134	187,403,169	2	0	2	1
Case 25	4	187,404,608	187,525,560	3	0	3	1
Case 25	4	187,525,592	187,538,942	2	0	2	1
Case 25	4	187,539,125	187,542,434	3	0	3	1
Case 25	4	187,542,755	187,621,281	2	0	2	1
Case 25	4	187,621,568	187,722,479	3	0	3	1
Case 25	4	187,724,314	190,872,778	2	0	2	1
Case 25	4	190,876,192	190,963,766	3	0	3	1
Case 25	5	38,139	3,815,297	4	1	5	0
Case 25	5	3,815,679	6,279,339	5	1	6	0
Case 25	5	6,281,648	6,622,017	4	1	5	0
Case 25	5	6,623,085	11,737,875	5	1	6	0
Case 25	5	11,742,668	13,604,919	5	2	7	0
Case 25	5	13,604,996	16,584,227	5	1	6	0
Case 25	5	16,585,183	17,469,290	4	1	5	0
Case 25	5	17,477,812	17,738,703	5	1	6	0
Case 25	5	17,739,449	18,816,719	5	2	7	0

Case 25	5	18,819,946	20,991,405	5	1	6	0
Case 25	5	20,992,734	22,820,390	5	2	7	0
Case 25	5	22,823,694	26,064,803	5	1	6	0
Case 25	5	26,072,458	27,982,697	5	2	7	0
Case 25	5	27,983,106	31,711,888	5	1	6	0
Case 25	5	31,713,446	32,302,552	4	1	5	0
Case 25	5	32,308,706	33,671,338	5	1	6	0
Case 25	5	33,678,161	33,831,305	5	2	7	0
Case 25	5	33,831,355	39,615,631	5	1	6	0
Case 25	5	39,625,080	40,291,889	5	2	7	0
Case 25	5	40,293,299	46,399,093	5	1	6	0
Case 25	5	49,457,282	49,586,870	2	1	3	0
Case 25	5	49,597,497	59,165,423	2	2	4	0
Case 25	5	59,168,351	59,330,489	2	0	2	1
Case 25	5	59,336,110	61,642,831	2	2	4	0
Case 25	5	61,643,910	61,857,063	2	1	3	0
Case 25	5	61,857,577	64,762,465	2	2	4	0
Case 25	5	64,763,225	64,965,757	2	1	3	0
Case 25	5	64,965,900	68,349,917	2	2	4	0
Case 25	5	68,364,871	70,862,059	2	1	3	0
Case 25	5	70,862,874	71,924,577	2	2	4	0
Case 25	5	71,927,013	72,407,538	2	1	3	0
Case 25	5	72,408,246	74,034,229	2	2	4	0
Case 25	5	74,034,400	74,239,946	2	1	3	0
Case 25	5	74,242,852	77,406,104	2	2	4	0
Case 25	5	77,409,637	77,618,179	2	1	3	0
Case 25	5	77,624,910	78,272,540	2	2	4	0
Case 25	5	78,276,148	78,981,550	2	1	3	0
Case 25	5	78,984,173	79,029,594	2	2	4	0
Case 25	5	79,029,675	79,033,074	2	1	3	0
Case 25	5	79,033,215	79,548,274	2	2	4	0
Case 25	5	79,549,684	79,801,520	2	1	3	0
Case 25	5	79,809,468	92,969,334	2	2	4	0
Case 25	5	92,980,916	93,489,746	2	0	2	1
Case 25	5	93,545,524	93,751,943	2	2	4	0
Case 25	5	93,753,017	94,074,109	2	1	3	0
Case 25	5	94,082,218	108,046,359	2	2	4	0
Case 25	5	108,048,835	108,380,950	2	1	3	0
Case 25	5	108,386,660	110,441,042	2	2	4	0
Case 25	5	110,441,044	110,467,237	2	1	3	0
Case 25	5	110,474,161	112,874,802	2	2	4	0
Case 25	5	112,874,834	112,977,399	2	1	3	0
Case 25	5	112,979,910	117,825,588	2	2	4	0
Case 25	5	117,843,869	117,863,779	2	0	2	1
Case 25	5	117,869,104	117,955,915	1	0	1	0
Case 25	5	117,963,002	117,967,649	2	0	2	1
Case 25	5	117,968,633	118,179,104	2	2	4	0
Case 25	5	118,180,935	118,580,203	2	1	3	0
Case 25	5	118,582,779	125,874,334	2	2	4	0
Case 25	5	125,874,525	125,921,768	2	1	3	0
Case 25	5	125,923,632	133,481,467	2	2	4	0
Case 25	5	133,481,488	134,258,183	2	1	3	0
Case 25	5	134,270,779	137,086,605	2	2	4	0
Case 25	5	137,088,234	137,801,526	2	1	3	0
Case 25	5	137,801,592	138,583,691	2	2	4	0
Case 25	5	138,615,856	139,060,631	2	1	3	0
Case 25	5	139,063,728	139,745,739	2	2	4	0
Case 25	5	139,745,800	139,931,384	2	1	3	0
Case 25	5	139,931,607	139,931,653	0	0	0	0
Case 25	5	139,931,655	139,938,337	2	0	2	1
Case 25	5	139,938,369	141,343,853	2	2	4	0

Case 25	5	141,344,123	141,428,161	2	1	3	0
Case 25	5	141,432,269	162,320,221	2	2	4	0
Case 25	5	162,321,929	180,693,127	2	1	3	0
Case 25	6	108,666	11,322,636	2	2	4	0
Case 25	6	11,323,227	12,616,996	3	2	5	0
Case 25	6	12,618,970	17,831,401	2	2	4	0
Case 25	6	17,831,419	18,224,471	3	2	5	0
Case 25	6	18,225,173	19,975,946	3	3	6	0
Case 25	6	19,987,971	20,487,597	3	2	5	0
Case 25	6	20,488,234	21,157,038	3	3	6	0
Case 25	6	21,157,173	22,018,581	3	2	5	0
Case 25	6	22,018,994	23,913,528	3	3	6	0
Case 25	6	23,915,870	23,924,306	3	0	3	1
Case 25	6	23,929,237	24,275,383	3	3	6	0
Case 25	6	24,278,382	25,780,332	3	2	5	0
Case 25	6	25,780,811	31,337,633	2	2	4	0
Case 25	6	31,338,528	31,341,357	2	0	2	1
Case 25	6	31,342,484	32,685,685	2	2	4	0
Case 25	6	32,685,865	32,789,807	3	2	5	0
Case 25	6	32,790,059	45,690,246	2	2	4	0
Case 25	6	45,692,933	46,047,970	3	2	5	0
Case 25	6	46,054,285	46,786,183	2	2	4	0
Case 25	6	46,787,394	48,792,612	3	2	5	0
Case 25	6	48,807,046	49,547,409	3	1	4	0
Case 25	6	49,552,535	52,268,008	3	2	5	0
Case 25	6	52,268,099	53,066,595	2	2	4	0
Case 25	6	53,068,349	56,569,104	3	2	5	0
Case 25	6	56,598,426	58,752,089	2	2	4	0
Case 25	6	61,891,118	62,761,314	2	2	4	0
Case 25	6	62,768,560	63,652,377	3	2	5	0
Case 25	6	63,658,063	64,944,072	2	2	4	0
Case 25	6	64,946,169	65,565,140	3	2	5	0
Case 25	6	65,577,402	74,123,363	2	2	4	0
Case 25	6	74,123,559	74,229,792	2	1	3	0
Case 25	6	74,234,043	88,240,047	2	2	4	0
Case 25	6	88,240,570	88,326,126	2	1	3	0
Case 25	6	88,329,942	90,340,446	2	2	4	0
Case 25	6	90,340,454	90,577,712	2	1	3	0
Case 25	6	90,577,714	107,408,585	2	2	4	0
Case 25	6	107,413,934	107,592,818	2	1	3	0
Case 25	6	107,595,311	135,465,474	2	2	4	0
Case 25	6	135,468,891	135,617,601	3	2	5	0
Case 25	6	135,619,996	144,811,319	2	2	4	0
Case 25	6	144,812,186	144,860,488	2	1	3	0
Case 25	6	144,861,946	149,814,762	2	2	4	0
Case 25	6	149,820,948	150,195,384	2	1	3	0
Case 25	6	150,198,491	150,897,232	2	2	4	0
Case 25	6	150,900,125	151,149,833	2	1	3	0
Case 25	6	151,151,811	152,722,356	2	2	4	0
Case 25	6	152,722,368	152,777,157	2	1	3	0
Case 25	6	152,778,598	162,646,892	2	2	4	0
Case 25	6	162,653,609	162,804,504	2	0	2	1
Case 25	6	162,809,009	168,432,236	2	2	4	0
Case 25	6	168,434,641	168,465,737	2	1	3	0
Case 25	6	168,466,504	169,981,120	2	2	4	0
Case 25	6	169,982,991	170,444,663	2	1	3	0
Case 25	6	170,444,698	170,599,385	2	2	4	0
Case 25	6	170,615,155	170,980,171	2	1	3	0
Case 25	7	44,935	68,920	4	1	5	0
Case 25	7	83,185	3,101,279	3	2	5	0
Case 25	7	3,101,370	4,740,621	3	3	6	0

Case 25	7	4,749,527	6,859,544	3	2	5	0
Case 25	7	6,870,635	7,490,418	3	3	6	0
Case 25	7	7,491,966	7,491,966	4	0	4	1
Case 25	7	7,491,996	7,491,996	5	0	5	1
Case 25	7	7,492,402	20,744,563	4	3	7	0
Case 25	7	20,750,849	20,750,849	5	0	5	1
Case 25	7	20,754,102	44,524,709	3	3	6	0
Case 25	7	44,524,781	44,837,298	3	2	5	0
Case 25	7	44,839,616	55,968,447	3	3	6	0
Case 25	7	55,975,311	58,019,061	3	2	5	0
Case 25	7	61,056,053	61,852,895	3	2	5	0
Case 25	7	61,994,170	62,517,629	3	0	3	1
Case 25	7	62,527,743	69,007,901	4	0	4	1
Case 25	7	69,031,759	69,266,730	5	0	5	1
Case 25	7	69,282,553	77,426,482	4	0	4	1
Case 25	7	77,426,623	80,048,871	5	0	5	1
Case 25	7	80,051,323	80,075,157	4	3	7	0
Case 25	7	80,082,966	80,100,969	5	0	5	1
Case 25	7	80,101,743	80,460,016	4	3	7	0
Case 25	7	80,468,127	88,809,649	5	0	5	1
Case 25	7	88,809,850	100,674,467	4	0	4	1
Case 25	7	100,674,899	100,685,760	3	0	3	1
Case 25	7	100,685,775	107,053,030	4	0	4	1
Case 25	7	107,066,030	107,862,789	5	0	5	1
Case 25	7	107,863,395	110,931,475	6	0	6	1
Case 25	7	110,932,630	113,863,384	7	0	7	1
Case 25	7	113,898,450	114,435,347	5	0	5	1
Case 25	7	114,436,126	119,659,037	7	0	7	1
Case 25	7	119,672,864	119,862,301	5	0	5	1
Case 25	7	119,888,754	129,664,210	4	0	4	1
Case 25	7	129,664,312	129,775,950	3	0	3	1
Case 25	7	129,777,889	135,247,752	4	0	4	1
Case 25	7	135,254,692	135,323,351	3	0	3	1
Case 25	7	135,327,969	140,014,556	4	0	4	1
Case 25	7	140,015,104	140,791,820	3	0	3	1
Case 25	7	140,799,480	148,768,041	4	0	4	1
Case 25	7	148,768,368	149,529,970	3	0	3	1
Case 25	7	149,530,894	150,028,958	4	0	4	1
Case 25	7	150,034,065	150,079,459	3	0	3	1
Case 25	7	150,081,485	150,934,692	4	0	4	1
Case 25	7	150,934,709	151,340,164	3	0	3	1
Case 25	7	151,350,262	151,879,438	4	0	4	1
Case 25	7	151,879,489	152,408,081	3	0	3	1
Case 25	7	152,420,498	157,835,260	4	0	4	1
Case 25	7	157,837,357	158,663,897	3	0	3	1
Case 25	7	158,663,939	159,119,486	4	0	4	1
Case 25	8	164,984	197,042	3	0	3	1
Case 25	8	198,583	6,129,051	3	1	4	0
Case 25	8	6,136,512	6,155,658	1	0	1	0
Case 25	8	6,159,718	7,308,674	3	1	4	0
Case 25	8	7,308,691	7,881,478	1	0	1	0
Case 25	8	8,094,406	8,915,740	3	1	4	0
Case 25	8	8,923,585	8,966,606	3	0	3	1
Case 25	8	8,966,972	20,787,009	3	1	4	0
Case 25	8	20,787,381	32,419,119	2	1	3	0
Case 25	8	32,428,968	43,791,691	3	1	4	0
Case 25	8	46,886,735	47,491,073	6	0	6	1
Case 25	8	47,528,414	96,773,262	7	0	7	1
Case 25	8	96,773,469	96,784,717	5	0	5	1
Case 25	8	96,786,148	96,804,065	6	0	6	1
Case 25	8	96,804,762	104,417,045	5	2	7	0

Case 25	8	104,423,486	104,428,530	6	0	6	1
Case 25	8	104,432,617	117,624,483	6	1	7	0
Case 25	8	117,630,683	117,631,964	3	0	3	1
Case 25	8	117,635,577	117,635,577	6	0	6	1
Case 25	8	117,636,863	119,403,784	5	2	7	0
Case 25	8	119,405,522	119,480,896	6	0	6	1
Case 25	8	119,486,034	120,367,602	5	2	7	0
Case 25	8	120,368,303	124,645,512	6	1	7	0
Case 25	8	124,646,022	124,663,857	5	1	6	0
Case 25	8	124,663,895	126,983,953	5	2	7	0
Case 25	8	126,984,970	133,139,755	6	1	7	0
Case 25	8	133,141,636	142,025,644	5	2	7	0
Case 25	8	142,038,599	144,928,660	5	1	6	0
Case 25	8	144,929,811	144,942,570	4	1	5	0
Case 25	8	144,942,718	144,943,389	5	1	6	0
Case 25	8	144,943,442	144,946,818	5	2	7	0
Case 25	8	144,947,073	146,135,866	5	1	6	0
Case 25	8	146,145,702	146,293,414	5	2	7	0
Case 25	9	46,587	707,463	2	0	2	1
Case 25	9	710,818	712,829	3	0	3	1
Case 25	9	712,856	968,044	2	0	2	1
Case 25	9	968,054	1,056,975	3	0	3	1
Case 25	9	1,057,116	1,183,695	2	0	2	1
Case 25	9	1,183,870	1,315,843	3	0	3	1
Case 25	9	1,315,952	1,666,693	2	0	2	1
Case 25	9	1,667,544	1,945,517	3	0	3	1
Case 25	9	1,950,813	2,127,796	2	0	2	1
Case 25	9	2,128,262	2,198,627	3	0	3	1
Case 25	9	2,198,823	2,635,545	2	0	2	1
Case 25	9	2,636,161	2,718,349	3	0	3	1
Case 25	9	2,718,415	3,810,196	2	0	2	1
Case 25	9	3,810,281	4,193,350	3	0	3	1
Case 25	9	4,193,531	4,303,682	2	0	2	1
Case 25	9	4,304,915	4,335,668	3	0	3	1
Case 25	9	4,338,987	4,545,998	2	0	2	1
Case 25	9	4,546,319	4,625,359	3	0	3	1
Case 25	9	4,625,415	5,464,065	2	0	2	1
Case 25	9	5,465,130	5,581,140	3	0	3	1
Case 25	9	5,593,419	5,870,703	2	0	2	1
Case 25	9	5,872,531	5,922,529	3	0	3	1
Case 25	9	5,922,860	7,170,742	2	0	2	1
Case 25	9	7,173,500	7,275,995	3	0	3	1
Case 25	9	7,276,387	7,357,693	2	0	2	1
Case 25	9	7,360,902	7,682,063	3	0	3	1
Case 25	9	7,682,601	12,092,193	2	0	2	1
Case 25	9	12,092,895	12,317,717	1	0	1	0
Case 25	9	12,318,093	12,722,357	2	0	2	1
Case 25	9	12,730,636	13,110,705	3	0	3	1
Case 25	9	13,112,024	14,334,138	2	0	2	1
Case 25	9	14,338,470	14,588,049	3	0	3	1
Case 25	9	14,589,694	14,769,803	2	0	2	1
Case 25	9	14,770,658	14,899,708	3	0	3	1
Case 25	9	14,900,356	16,125,443	2	0	2	1
Case 25	9	16,127,905	16,492,516	3	0	3	1
Case 25	9	16,500,789	17,792,845	2	0	2	1
Case 25	9	17,793,435	18,016,234	3	0	3	1
Case 25	9	18,017,007	18,090,973	2	0	2	1
Case 25	9	18,091,440	18,244,652	3	0	3	1
Case 25	9	18,246,545	18,676,945	2	0	2	1
Case 25	9	18,679,376	18,950,895	3	0	3	1
Case 25	9	18,952,553	19,058,204	2	0	2	1

Case 25	9	19,058,396	19,063,081	2	2	4	0
Case 25	9	19,065,295	19,465,900	2	0	2	1
Case 25	9	19,468,530	19,790,795	3	0	3	1
Case 25	9	19,792,882	19,942,824	2	0	2	1
Case 25	9	19,946,627	20,001,782	3	0	3	1
Case 25	9	20,005,312	20,287,612	2	0	2	1
Case 25	9	20,287,948	20,363,474	3	0	3	1
Case 25	9	20,379,884	21,543,444	2	0	2	1
Case 25	9	21,547,035	21,606,786	3	0	3	1
Case 25	9	21,611,256	26,500,046	2	0	2	1
Case 25	9	26,506,732	26,653,154	3	0	3	1
Case 25	9	26,657,127	26,905,703	2	0	2	1
Case 25	9	26,907,931	27,885,011	2	2	4	0
Case 25	9	27,894,033	28,715,676	6	1	7	0
Case 25	9	28,719,213	29,632,142	4	2	6	0
Case 25	9	29,636,965	29,639,093	3	2	5	0
Case 25	9	29,639,398	36,693,098	2	2	4	0
Case 25	9	36,697,735	37,685,362	6	1	7	0
Case 25	9	37,686,417	37,744,911	5	1	6	0
Case 25	9	37,745,042	37,974,811	4	1	5	0
Case 25	9	37,990,801	46,944,322	2	2	4	0
Case 25	9	65,629,772	72,115,498	2	2	4	0
Case 25	9	72,115,711	72,435,826	2	1	3	0
Case 25	9	72,435,842	72,609,532	2	2	4	0
Case 25	9	72,611,680	73,029,831	2	1	3	0
Case 25	9	73,038,018	73,239,062	2	2	4	0
Case 25	9	73,239,605	73,935,165	2	1	3	0
Case 25	9	73,935,754	74,374,194	2	2	4	0
Case 25	9	74,378,277	75,529,783	2	1	3	0
Case 25	9	75,529,888	77,222,828	2	2	4	0
Case 25	9	77,224,088	77,991,404	2	1	3	0
Case 25	9	77,992,822	78,615,371	2	2	4	0
Case 25	9	78,619,829	78,810,887	2	1	3	0
Case 25	9	78,811,377	78,957,136	2	2	4	0
Case 25	9	78,958,599	79,320,000	2	1	3	0
Case 25	9	79,320,095	79,437,798	2	2	4	0
Case 25	9	79,438,584	80,040,495	2	1	3	0
Case 25	9	80,040,625	80,930,439	2	2	4	0
Case 25	9	80,932,515	81,100,971	2	1	3	0
Case 25	9	81,101,590	81,594,461	2	2	4	0
Case 25	9	81,596,162	81,759,693	2	1	3	0
Case 25	9	81,760,880	81,926,600	2	2	4	0
Case 25	9	81,928,572	82,873,587	2	1	3	0
Case 25	9	82,874,140	83,173,323	2	2	4	0
Case 25	9	83,174,096	85,574,053	2	1	3	0
Case 25	9	85,577,007	85,725,775	2	2	4	0
Case 25	9	85,735,656	87,570,862	2	1	3	0
Case 25	9	87,570,912	88,162,066	2	2	4	0
Case 25	9	88,164,213	90,169,540	2	1	3	0
Case 25	9	90,170,231	90,322,200	2	2	4	0
Case 25	9	90,323,220	91,183,368	2	1	3	0
Case 25	9	91,186,956	91,616,843	2	2	4	0
Case 25	9	91,616,909	92,017,824	2	1	3	0
Case 25	9	92,020,291	92,254,212	2	2	4	0
Case 25	9	92,254,248	92,700,500	2	1	3	0
Case 25	9	92,701,618	93,080,054	2	2	4	0
Case 25	9	93,080,194	93,595,807	2	1	3	0
Case 25	9	93,596,067	93,844,314	2	2	4	0
Case 25	9	93,849,856	94,485,232	2	1	3	0
Case 25	9	94,485,971	94,685,926	2	2	4	0
Case 25	9	94,686,736	96,522,109	2	1	3	0

Case 25	9	96,522,775	96,766,248	2	2	4	0
Case 25	9	96,769,237	97,252,505	2	1	3	0
Case 25	9	97,253,578	97,861,437	2	2	4	0
Case 25	9	97,862,327	98,122,445	2	1	3	0
Case 25	9	98,131,102	98,555,942	2	2	4	0
Case 25	9	98,559,246	100,082,422	2	1	3	0
Case 25	9	100,085,148	100,365,473	2	2	4	0
Case 25	9	100,366,843	100,451,916	2	1	3	0
Case 25	9	100,459,578	100,666,931	2	2	4	0
Case 25	9	100,667,157	101,144,927	2	1	3	0
Case 25	9	101,147,503	101,351,051	2	2	4	0
Case 25	9	101,351,818	103,835,968	2	1	3	0
Case 25	9	103,839,683	104,644,870	2	2	4	0
Case 25	9	104,650,296	104,801,485	2	1	3	0
Case 25	9	104,802,798	105,060,163	2	2	4	0
Case 25	9	105,063,781	107,564,939	2	1	3	0
Case 25	9	107,568,705	107,593,318	2	2	4	0
Case 25	9	107,593,329	108,595,364	2	1	3	0
Case 25	9	108,596,042	109,162,816	2	2	4	0
Case 25	9	109,164,956	109,410,667	2	1	3	0
Case 25	9	109,417,359	109,954,812	2	2	4	0
Case 25	9	109,957,950	110,688,855	2	1	3	0
Case 25	9	110,690,301	111,642,535	2	2	4	0
Case 25	9	111,644,410	111,976,056	2	1	3	0
Case 25	9	111,978,049	112,315,013	2	2	4	0
Case 25	9	112,317,462	112,553,003	2	1	3	0
Case 25	9	112,554,953	112,918,755	2	2	4	0
Case 25	9	112,919,288	113,343,555	2	1	3	0
Case 25	9	113,345,800	113,632,279	2	2	4	0
Case 25	9	113,633,737	116,710,512	2	1	3	0
Case 25	9	116,711,241	117,026,648	2	2	4	0
Case 25	9	117,027,068	117,704,155	2	1	3	0
Case 25	9	117,708,099	118,550,806	2	2	4	0
Case 25	9	118,552,995	118,720,333	2	1	3	0
Case 25	9	118,725,422	120,229,555	2	2	4	0
Case 25	9	120,239,806	120,476,271	2	1	3	0
Case 25	9	120,476,382	123,330,813	2	2	4	0
Case 25	9	123,334,276	125,265,317	2	1	3	0
Case 25	9	125,265,496	125,517,223	2	2	4	0
Case 25	9	125,538,981	126,756,640	2	1	3	0
Case 25	9	126,758,163	127,119,442	2	2	4	0
Case 25	9	127,130,137	128,791,490	2	1	3	0
Case 25	9	128,791,503	129,115,717	2	2	4	0
Case 25	9	129,117,662	137,104,155	2	1	3	0
Case 25	9	137,106,879	137,373,598	1	1	2	0
Case 25	9	137,374,584	139,115,664	2	1	3	0
Case 25	9	139,115,869	139,277,886	1	1	2	0
Case 25	9	139,278,407	139,411,768	2	1	3	0
Case 25	9	139,412,205	139,656,706	1	1	2	0
Case 25	9	139,657,874	139,748,005	2	1	3	0
Case 25	9	139,748,023	139,754,431	1	1	2	0
Case 25	9	139,756,883	139,914,893	2	1	3	0
Case 25	9	139,915,148	139,973,090	1	1	2	0
Case 25	9	139,973,130	140,006,432	2	1	3	0
Case 25	9	140,006,491	140,094,212	1	1	2	0
Case 25	9	140,094,273	140,161,526	2	1	3	0
Case 25	9	140,164,250	140,392,623	1	1	2	0
Case 25	9	140,392,645	141,066,491	2	1	3	0
Case 25	10	98,087	3,496,426	4	0	4	1
Case 25	10	3,502,282	5,435,983	5	0	5	1
Case 25	10	5,436,009	6,387,992	4	0	4	1



Case 25	10	6,388,928	6,531,149	5	0	5	1
Case 25	10	6,532,178	7,908,552	4	0	4	1
Case 25	10	7,922,269	11,452,146	5	0	5	1
Case 25	10	11,452,260	14,458,385	4	0	4	1
Case 25	10	14,458,582	14,781,173	5	0	5	1
Case 25	10	14,782,994	17,636,242	4	0	4	1
Case 25	10	17,636,282	18,585,219	5	0	5	1
Case 25	10	18,587,820	19,034,951	4	0	4	1
Case 25	10	19,043,635	21,435,347	5	0	5	1
Case 25	10	21,435,397	22,360,446	4	0	4	1
Case 25	10	22,362,410	27,192,279	5	0	5	1
Case 25	10	27,193,821	27,692,279	4	0	4	1
Case 25	10	27,692,307	28,596,995	5	0	5	1
Case 25	10	28,597,192	28,975,214	4	0	4	1
Case 25	10	28,975,522	30,408,814	5	0	5	1
Case 25	10	30,413,194	31,019,935	4	0	4	1
Case 25	10	31,022,598	32,088,412	5	0	5	1
Case 25	10	32,089,191	33,451,379	7	0	7	1
Case 25	10	33,454,715	35,883,547	5	0	5	1
Case 25	10	35,885,299	38,415,965	4	0	4	1
Case 25	10	38,416,754	39,097,912	5	0	5	1
Case 25	10	42,436,301	44,291,108	5	0	5	1
Case 25	10	44,292,364	45,282,703	6	0	6	1
Case 25	10	45,300,460	45,317,971	5	0	5	1
Case 25	10	45,319,654	49,393,643	4	0	4	1
Case 25	10	49,393,685	50,386,498	5	0	5	1
Case 25	10	50,388,598	51,110,279	3	0	3	1
Case 25	10	51,503,335	51,594,462	5	0	5	1
Case 25	10	51,779,268	53,309,898	3	0	3	1
Case 25	10	53,317,506	57,669,027	5	0	5	1
Case 25	10	57,671,424	58,121,201	4	0	4	1
Case 25	10	58,138,121	60,668,561	5	0	5	1
Case 25	10	60,671,286	61,450,153	6	0	6	1
Case 25	10	61,452,116	61,895,547	5	0	5	1
Case 25	10	61,900,356	66,734,414	6	0	6	1
Case 25	10	66,741,449	70,102,749	3	0	3	1
Case 25	10	70,103,461	70,276,553	2	0	2	1
Case 25	10	70,319,321	91,465,167	3	0	3	1
Case 25	10	91,468,925	91,518,638	2	0	2	1
Case 25	10	91,520,368	94,656,941	3	0	3	1
Case 25	10	94,659,394	94,811,786	2	0	2	1
Case 25	10	94,813,177	95,429,007	3	0	3	1
Case 25	10	95,430,585	95,472,007	2	0	2	1
Case 25	10	95,472,127	104,855,656	3	0	3	1
Case 25	10	104,857,218	105,152,127	2	0	2	1
Case 25	10	105,154,089	110,441,149	3	0	3	1
Case 25	10	110,451,504	110,573,160	6	0	6	1
Case 25	10	110,576,832	120,342,865	5	0	5	1
Case 25	10	120,343,777	120,769,168	4	0	4	1
Case 25	10	120,770,637	120,862,541	3	0	3	1
Case 25	10	120,863,232	124,638,827	4	0	4	1
Case 25	10	124,640,763	124,812,607	3	0	3	1
Case 25	10	124,812,634	126,310,781	4	0	4	1
Case 25	10	126,311,875	126,658,862	3	0	3	1
Case 25	10	126,670,356	128,209,885	4	0	4	1
Case 25	10	128,217,081	132,897,429	3	0	3	1
Case 25	10	132,901,331	133,562,475	4	0	4	1
Case 25	10	133,564,039	135,477,883	3	0	3	1
Case 25	11	193,146	379,949	2	1	3	0
Case 25	11	381,754	616,865	1	1	2	0
Case 25	11	617,452	788,329	2	1	3	0

Case 25	11	788,386	1,013,992	1	1	2	0
Case 25	11	1,015,021	1,062,867	2	1	3	0
Case 25	11	1,062,990	1,262,467	1	1	2	0
Case 25	11	1,262,525	1,803,095	2	1	3	0
Case 25	11	1,804,417	1,861,761	1	1	2	0
Case 25	11	1,861,852	4,615,767	2	1	3	0
Case 25	11	4,615,779	4,661,826	2	2	4	0
Case 25	11	4,661,919	4,790,268	2	1	3	0
Case 25	11	4,790,308	4,944,976	2	2	4	0
Case 25	11	4,944,986	13,278,027	2	1	3	0
Case 25	11	13,280,556	17,022,030	2	2	4	0
Case 25	11	17,025,740	17,352,470	2	1	3	0
Case 25	11	17,369,517	46,575,394	2	2	4	0
Case 25	11	46,596,674	46,872,226	2	1	3	0
Case 25	11	46,872,873	47,371,333	2	2	4	0
Case 25	11	47,371,449	48,102,806	2	1	3	0
Case 25	11	48,102,867	50,332,064	2	2	4	0
Case 25	11	50,345,390	50,476,268	2	1	3	0
Case 25	11	50,487,842	51,222,017	1	1	2	0
Case 25	11	51,372,036	51,591,253	2	1	3	0
Case 25	11	54,794,237	56,184,888	2	1	3	0
Case 25	11	56,185,024	56,237,927	2	2	4	0
Case 25	11	56,237,966	59,209,058	2	1	3	0
Case 25	11	59,210,550	59,239,839	2	2	4	0
Case 25	11	59,240,474	64,803,351	2	1	3	0
Case 25	11	64,806,049	64,813,307	1	1	2	0
Case 25	11	64,813,314	66,690,454	2	1	3	0
Case 25	11	66,700,508	71,571,654	6	0	6	1
Case 25	11	71,626,089	77,920,563	5	0	5	1
Case 25	11	77,920,577	77,938,042	4	1	5	0
Case 25	11	77,941,076	78,362,665	5	1	6	0
Case 25	11	78,364,513	78,454,125	4	1	5	0
Case 25	11	78,460,962	93,797,523	5	1	6	0
Case 25	11	93,797,539	94,340,728	4	1	5	0
Case 25	11	94,342,567	107,128,014	5	1	6	0
Case 25	11	107,132,505	107,135,449	4	1	5	0
Case 25	11	107,137,603	108,122,700	1	0	1	0
Case 25	11	108,123,551	108,169,323	0	0	0	0
Case 25	11	108,169,619	108,275,671	1	0	1	0
Case 25	11	108,277,509	108,302,517	0	0	0	0
Case 25	11	108,324,816	108,352,891	1	0	1	0
Case 25	11	108,354,102	108,873,119	2	0	2	1
Case 25	11	108,879,868	109,472,829	1	0	1	0
Case 25	11	109,475,560	109,651,529	2	0	2	1
Case 25	11	109,651,691	110,007,835	1	0	1	0
Case 25	11	110,008,024	110,059,838	2	0	2	1
Case 25	11	110,068,043	110,357,133	1	0	1	0
Case 25	11	110,359,201	110,454,338	2	0	2	1
Case 25	11	110,454,938	110,704,745	1	0	1	0
Case 25	11	110,706,265	110,853,185	2	0	2	1
Case 25	11	110,853,848	111,140,462	1	0	1	0
Case 25	11	111,141,676	111,385,726	2	0	2	1
Case 25	11	111,386,259	111,405,120	1	0	1	0
Case 25	11	111,405,156	111,715,397	2	0	2	1
Case 25	11	111,716,070	111,779,529	1	0	1	0
Case 25	11	111,779,556	111,899,239	2	0	2	1
Case 25	11	111,899,592	112,064,139	1	0	1	0
Case 25	11	112,064,216	112,341,198	2	0	2	1
Case 25	11	112,348,123	113,069,950	1	0	1	0
Case 25	11	113,072,174	113,186,776	2	0	2	1
Case 25	11	113,186,986	113,207,946	1	0	1	0

Case 25	11	113,208,098	113,270,369	2	0	2	1
Case 25	11	113,270,374	113,278,447	1	0	1	0
Case 25	11	113,278,764	113,411,628	2	0	2	1
Case 25	11	113,413,565	113,813,791	1	0	1	0
Case 25	11	113,813,800	113,843,477	2	0	2	1
Case 25	11	113,845,161	113,913,651	1	0	1	0
Case 25	11	113,925,266	114,128,967	2	0	2	1
Case 25	11	114,129,057	114,381,972	1	0	1	0
Case 25	11	114,382,144	114,465,917	2	0	2	1
Case 25	11	114,467,655	114,583,890	1	0	1	0
Case 25	11	114,586,066	115,069,973	2	0	2	1
Case 25	11	115,074,234	115,255,842	1	0	1	0
Case 25	11	115,262,036	115,443,955	3	1	4	0
Case 25	11	115,449,617	116,187,828	4	1	5	0
Case 25	11	116,189,247	116,431,521	3	1	4	0
Case 25	11	116,436,362	116,629,949	4	1	5	0
Case 25	11	116,631,391	121,103,704	3	1	4	0
Case 25	11	121,109,489	123,522,995	4	1	5	0
Case 25	11	123,523,002	124,134,751	5	1	6	0
Case 25	11	124,134,915	126,864,588	4	1	5	0
Case 25	11	126,870,276	129,710,413	5	1	6	0
Case 25	11	129,712,175	129,801,135	4	1	5	0
Case 25	11	129,801,374	129,990,587	5	1	6	0
Case 25	11	129,991,563	130,440,804	4	1	5	0
Case 25	11	130,445,239	130,447,132	1	0	1	0
Case 25	11	130,447,883	130,702,192	2	0	2	1
Case 25	11	130,705,653	130,716,344	1	0	1	0
Case 25	11	130,717,440	130,792,048	2	0	2	1
Case 25	11	130,800,330	130,891,895	1	0	1	0
Case 25	11	130,895,725	131,637,822	2	0	2	1
Case 25	11	131,639,115	131,658,127	1	0	1	0
Case 25	11	131,659,000	131,694,876	2	0	2	1
Case 25	11	131,697,483	131,733,969	1	0	1	0
Case 25	11	131,734,784	131,936,494	2	0	2	1
Case 25	11	131,942,817	131,964,858	1	0	1	0
Case 25	11	131,965,039	132,136,885	2	0	2	1
Case 25	11	132,138,828	132,152,426	1	0	1	0
Case 25	11	132,155,298	132,493,026	2	0	2	1
Case 25	11	132,493,495	132,742,141	1	0	1	0
Case 25	11	132,742,735	132,962,221	2	0	2	1
Case 25	11	132,964,039	132,991,763	1	0	1	0
Case 25	11	132,992,699	133,057,260	2	0	2	1
Case 25	11	133,057,798	133,090,031	1	0	1	0
Case 25	11	133,090,470	133,214,582	2	0	2	1
Case 25	11	133,217,324	133,245,713	1	0	1	0
Case 25	11	133,246,410	133,296,790	2	0	2	1
Case 25	11	133,298,607	133,345,006	1	0	1	0
Case 25	11	133,345,127	134,047,215	2	0	2	1
Case 25	11	134,047,243	134,224,699	1	0	1	0
Case 25	11	134,225,692	134,309,805	2	0	2	1
Case 25	11	134,311,804	134,411,731	1	0	1	0
Case 25	11	134,411,781	134,556,580	2	0	2	1
Case 25	11	134,556,655	134,668,051	1	0	1	0
Case 25	11	134,668,079	134,736,358	2	0	2	1
Case 25	11	134,738,270	134,934,063	1	0	1	0
Case 25	12	191,619	9,899,575	2	2	4	0
Case 25	12	9,904,352	12,195,292	7	0	7	1
Case 25	12	12,202,173	13,366,504	2	2	4	0
Case 25	12	13,366,599	14,195,781	3	2	5	0
Case 25	12	14,196,140	14,996,026	2	2	4	0
Case 25	12	14,996,040	19,427,764	3	2	5	0

Case 25	12	19,427,766	20,217,448	2	2	4	0
Case 25	12	20,218,803	21,908,953	3	2	5	0
Case 25	12	21,916,826	23,214,740	4	2	6	0
Case 25	12	23,222,795	24,031,006	3	2	5	0
Case 25	12	24,033,225	25,772,142	2	2	4	0
Case 25	12	25,775,165	26,513,100	3	2	5	0
Case 25	12	26,515,156	34,853,011	2	1	3	0
Case 25	12	37,876,400	38,155,198	2	1	3	0
Case 25	12	38,187,236	40,715,839	4	0	4	1
Case 25	12	40,716,694	42,476,613	5	0	5	1
Case 25	12	42,477,570	43,000,341	4	0	4	1
Case 25	12	43,001,116	47,811,205	5	0	5	1
Case 25	12	47,812,267	50,241,013	4	0	4	1
Case 25	12	50,245,706	50,290,554	5	0	5	1
Case 25	12	50,291,838	53,864,855	4	0	4	1
Case 25	12	53,866,619	54,227,826	5	0	5	1
Case 25	12	54,231,159	56,349,121	6	0	6	1
Case 25	12	56,349,325	56,827,618	5	0	5	1
Case 25	12	56,827,974	57,492,307	6	0	6	1
Case 25	12	57,492,342	57,921,966	5	0	5	1
Case 25	12	57,921,969	58,345,606	6	0	6	1
Case 25	12	58,347,442	72,039,421	7	0	7	1
Case 25	12	72,050,842	81,719,610	3	0	3	1
Case 25	12	81,722,508	85,564,834	4	0	4	1
Case 25	12	85,576,492	88,447,475	5	0	5	1
Case 25	12	88,447,483	88,589,233	4	0	4	1
Case 25	12	88,589,256	93,002,195	5	0	5	1
Case 25	12	93,011,711	97,557,708	4	0	4	1
Case 25	12	97,559,117	98,897,473	5	0	5	1
Case 25	12	98,899,329	98,919,278	4	0	4	1
Case 25	12	98,921,742	99,020,453	3	0	3	1
Case 25	12	99,020,476	100,042,482	4	0	4	1
Case 25	12	100,042,539	100,773,467	3	0	3	1
Case 25	12	100,774,609	105,499,040	4	0	4	1
Case 25	12	105,500,390	105,564,501	3	0	3	1
Case 25	12	105,567,252	109,332,690	4	0	4	1
Case 25	12	109,354,768	109,827,461	3	0	3	1
Case 25	12	109,833,146	110,108,063	4	0	4	1
Case 25	12	110,108,257	113,115,569	3	0	3	1
Case 25	12	113,124,351	113,409,260	4	0	4	1
Case 25	12	113,409,794	113,962,285	3	0	3	1
Case 25	12	113,962,360	116,877,993	4	0	4	1
Case 25	12	116,879,476	117,206,259	3	0	3	1
Case 25	12	117,212,543	118,075,236	4	0	4	1
Case 25	12	118,079,776	121,435,427	5	0	5	1
Case 25	12	121,435,587	122,287,612	4	0	4	1
Case 25	12	122,287,613	123,276,606	5	0	5	1
Case 25	12	123,280,470	124,311,255	3	0	3	1
Case 25	12	124,315,142	124,718,558	4	0	4	1
Case 25	12	124,721,161	125,116,400	3	0	3	1
Case 25	12	125,116,474	125,374,727	4	0	4	1
Case 25	12	125,380,714	125,646,451	3	0	3	1
Case 25	12	125,652,226	127,329,530	4	0	4	1
Case 25	12	127,335,152	127,546,002	5	0	5	1
Case 25	12	127,546,361	127,785,576	6	0	6	1
Case 25	12	127,789,406	127,933,756	7	0	7	1
Case 25	12	127,941,192	131,076,873	3	0	3	1
Case 25	12	131,080,946	132,335,592	4	0	4	1
Case 25	12	132,335,602	133,503,425	3	0	3	1
Case 25	12	133,503,670	133,810,935	4	0	4	1
Case 25	13	19,058,717	21,728,755	2	2	4	0

Case 25	13	21,728,945	21,751,342	2	1	3	0
Case 25	13	21,751,360	26,242,069	2	2	4	0
Case 25	13	26,246,272	67,663,867	4	1	5	0
Case 25	13	67,671,662	67,781,228	3	2	5	0
Case 25	13	67,784,330	81,702,688	3	3	6	0
Case 25	13	81,712,872	81,716,268	3	1	4	0
Case 25	13	81,718,096	95,116,353	4	1	5	0
Case 25	13	95,117,926	95,926,431	3	2	5	0
Case 25	13	95,927,052	95,975,185	3	1	4	0
Case 25	13	95,976,929	109,135,530	4	1	5	0
Case 25	13	109,144,126	111,145,921	3	2	5	0
Case 25	13	111,146,009	111,683,466	3	1	4	0
Case 25	13	111,684,162	111,997,439	4	1	5	0
Case 25	13	111,998,480	115,027,516	3	1	4	0
Case 25	13	115,028,428	115,103,529	4	1	5	0
Case 25	14	19,280,733	20,404,671	4	0	4	1
Case 25	14	20,404,736	20,764,585	5	0	5	1
Case 25	14	20,767,556	21,046,812	4	0	4	1
Case 25	14	21,049,559	21,250,196	5	0	5	1
Case 25	14	21,250,676	22,126,995	4	0	4	1
Case 25	14	22,130,428	22,488,581	5	0	5	1
Case 25	14	22,491,072	22,957,900	6	0	6	1
Case 25	14	22,959,592	23,123,431	5	0	5	1
Case 25	14	23,123,915	25,172,456	4	0	4	1
Case 25	14	25,182,686	29,625,584	5	0	5	1
Case 25	14	29,628,625	30,215,051	4	0	4	1
Case 25	14	30,230,638	31,276,114	5	0	5	1
Case 25	14	31,280,965	32,048,488	4	0	4	1
Case 25	14	32,055,549	34,200,151	5	0	5	1
Case 25	14	34,203,338	36,382,801	4	0	4	1
Case 25	14	36,387,728	36,761,065	5	0	5	1
Case 25	14	36,766,599	37,133,206	4	0	4	1
Case 25	14	37,135,732	37,190,198	2	0	2	1
Case 25	14	37,194,785	37,319,638	4	0	4	1
Case 25	14	37,319,744	37,785,560	5	0	5	1
Case 25	14	37,803,019	49,486,689	4	0	4	1
Case 25	14	49,488,542	49,626,556	5	0	5	1
Case 25	14	49,633,460	80,432,157	4	0	4	1
Case 25	14	80,433,854	80,792,090	5	0	5	1
Case 25	14	80,792,909	86,764,849	4	0	4	1
Case 25	14	86,774,395	86,927,870	5	0	5	1
Case 25	14	86,928,890	105,052,846	4	0	4	1
Case 25	14	105,054,085	105,989,599	3	0	3	1
Case 25	14	105,992,183	107,287,663	4	0	4	1
Case 25	15	20,034,919	22,427,966	3	1	4	0
Case 25	15	22,652,330	25,946,781	4	1	5	0
Case 25	15	25,947,095	28,544,359	5	1	6	0
Case 25	15	28,962,131	29,217,062	2	1	3	0
Case 25	15	29,225,885	40,631,038	2	2	4	0
Case 25	15	40,631,757	41,105,658	2	1	3	0
Case 25	15	41,105,926	41,250,143	2	2	4	0
Case 25	15	41,256,766	41,817,313	2	1	3	0
Case 25	15	41,818,917	42,144,039	2	2	4	0
Case 25	15	42,144,400	42,185,482	2	1	3	0
Case 25	15	42,190,069	42,418,085	2	2	4	0
Case 25	15	42,423,090	42,434,254	2	0	2	1
Case 25	15	42,434,273	42,800,767	2	2	4	0
Case 25	15	42,804,092	42,950,297	2	1	3	0
Case 25	15	42,953,372	44,295,257	2	2	4	0
Case 25	15	44,301,291	44,855,395	2	1	3	0
Case 25	15	44,855,490	45,312,309	2	2	4	0

Case 25	15	45,314,764	85,880,568	2	1	3	0
Case 25	15	85,903,051	88,519,216	5	1	6	0
Case 25	15	88,520,291	91,561,182	4	1	5	0
Case 25	15	91,562,005	95,378,243	5	1	6	0
Case 25	15	95,379,491	95,407,056	4	1	5	0
Case 25	15	95,411,105	96,124,446	3	2	5	0
Case 25	15	96,126,048	102,461,162	2	1	3	0
Case 25	16	88,165	1,943,418	3	1	4	0
Case 25	16	1,946,062	2,331,173	2	1	3	0
Case 25	16	2,331,174	2,369,821	2	2	4	0
Case 25	16	2,374,406	2,716,142	2	1	3	0
Case 25	16	2,718,424	3,063,709	2	2	4	0
Case 25	16	3,064,164	5,667,393	3	1	4	0
Case 25	16	5,668,917	6,111,257	3	2	5	0
Case 25	16	6,114,071	6,208,143	3	1	4	0
Case 25	16	6,208,689	8,722,629	3	2	5	0
Case 25	16	8,722,772	9,470,620	3	1	4	0
Case 25	16	9,470,887	10,337,494	3	2	5	0
Case 25	16	10,341,141	12,960,117	3	1	4	0
Case 25	16	12,960,710	14,319,884	3	2	5	0
Case 25	16	14,328,066	17,125,816	3	1	4	0
Case 25	16	17,127,208	17,441,905	3	2	5	0
Case 25	16	17,443,547	20,231,496	3	1	4	0
Case 25	16	20,232,265	21,063,947	3	2	5	0
Case 25	16	21,064,384	22,257,277	3	1	4	0
Case 25	16	22,262,013	23,313,219	3	2	5	0
Case 25	16	23,314,851	23,783,288	3	1	4	0
Case 25	16	23,784,131	27,214,224	3	2	5	0
Case 25	16	27,214,458	35,285,582	3	1	4	0
Case 25	16	46,450,037	46,726,233	3	1	4	0
Case 25	16	46,726,420	49,658,524	3	2	5	0
Case 25	16	49,659,681	50,750,842	3	1	4	0
Case 25	16	50,752,815	56,601,722	3	2	5	0
Case 25	16	56,602,798	58,752,137	3	1	4	0
Case 25	16	58,752,439	66,432,423	3	2	5	0
Case 25	16	66,432,463	70,731,328	3	1	4	0
Case 25	16	70,732,653	71,591,934	3	2	5	0
Case 25	16	71,598,738	71,862,133	3	1	4	0
Case 25	16	71,868,168	74,635,632	3	2	5	0
Case 25	16	74,640,386	75,344,476	3	1	4	0
Case 25	16	75,358,207	78,533,986	3	2	5	0
Case 25	16	78,536,697	78,661,327	2	2	4	0
Case 25	16	78,663,258	81,010,842	3	2	5	0
Case 25	16	81,010,946	81,298,341	3	1	4	0
Case 25	16	81,301,571	83,782,517	3	2	5	0
Case 25	16	83,782,622	84,030,289	3	1	4	0
Case 25	16	84,030,340	84,061,798	3	2	5	0
Case 25	16	84,063,111	84,539,738	3	1	4	0
Case 25	16	84,542,415	84,606,992	3	2	5	0
Case 25	16	84,607,023	86,264,858	3	1	4	0
Case 25	16	86,266,538	86,373,330	3	2	5	0
Case 25	16	86,373,618	90,274,695	3	1	4	0
Case 25	17	11,885	1,538,110	3	0	3	1
Case 25	17	1,538,172	1,564,292	2	0	2	1
Case 25	17	1,567,689	22,242,355	3	0	3	1
Case 25	17	25,268,142	25,268,142	3	0	3	1
Case 25	17	25,295,032	29,109,663	4	0	4	1
Case 25	17	29,111,368	29,170,962	3	0	3	1
Case 25	17	29,171,026	29,326,155	4	0	4	1
Case 25	17	29,326,501	29,784,258	5	0	5	1
Case 25	17	29,785,120	37,949,924	4	0	4	1

Case 25	17	37,961,820	38,405,037	3	0	3	1
Case 25	17	38,406,907	39,777,047	4	0	4	1
Case 25	17	39,777,128	41,570,071	3	0	3	1
Case 25	17	41,570,078	42,152,103	4	0	4	1
Case 25	17	42,152,128	43,487,968	3	0	3	1
Case 25	17	43,493,101	56,708,979	4	0	4	1
Case 25	17	56,709,117	57,141,768	3	0	3	1
Case 25	17	57,148,991	58,521,553	4	0	4	1
Case 25	17	58,523,761	59,034,422	3	0	3	1
Case 25	17	59,047,388	61,722,142	4	0	4	1
Case 25	17	61,724,695	61,895,604	3	0	3	1
Case 25	17	61,896,004	65,691,382	4	0	4	1
Case 25	17	65,696,275	66,253,003	3	0	3	1
Case 25	17	66,253,019	71,164,376	4	0	4	1
Case 25	17	71,165,470	71,232,628	3	0	3	1
Case 25	17	71,232,631	72,078,154	4	0	4	1
Case 25	17	72,078,211	75,507,296	3	0	3	1
Case 25	17	75,517,683	76,072,444	4	0	4	1
Case 25	17	76,074,196	76,511,943	3	0	3	1
Case 25	17	76,515,720	76,799,534	4	0	4	1
Case 25	17	76,799,617	81,060,040	3	0	3	1
Case 25	18	87,505	677,214	3	1	4	0
Case 25	18	677,240	3,171,224	4	1	5	0
Case 25	18	3,171,473	3,488,151	3	1	4	0
Case 25	18	3,492,243	5,622,363	4	1	5	0
Case 25	18	5,632,288	6,581,717	3	2	5	0
Case 25	18	6,581,851	7,515,949	3	1	4	0
Case 25	18	7,516,346	9,733,237	3	2	5	0
Case 25	18	9,735,619	9,984,478	3	1	4	0
Case 25	18	9,986,354	10,322,644	3	2	5	0
Case 25	18	10,323,364	10,949,093	3	1	4	0
Case 25	18	10,950,758	11,884,937	4	1	5	0
Case 25	18	11,885,553	14,110,916	3	1	4	0
Case 25	18	14,120,391	15,375,878	4	1	5	0
Case 25	18	18,520,354	18,621,273	1	0	1	0
Case 25	18	18,655,451	19,294,674	3	1	4	0
Case 25	18	19,312,766	20,936,558	6	1	7	0
Case 25	18	20,936,576	21,152,116	5	1	6	0
Case 25	18	21,153,416	21,406,679	5	2	7	0
Case 25	18	21,407,372	21,479,357	5	1	6	0
Case 25	18	21,481,208	21,801,732	4	2	6	0
Case 25	18	21,805,039	21,808,415	4	0	4	1
Case 25	18	21,811,795	23,847,561	3	0	3	1
Case 25	18	23,849,492	23,898,771	2	0	2	1
Case 25	18	23,901,159	29,426,774	3	0	3	1
Case 25	18	29,429,596	29,511,423	2	0	2	1
Case 25	18	29,527,884	30,755,662	3	0	3	1
Case 25	18	30,760,966	30,929,223	2	0	2	1
Case 25	18	30,941,974	31,251,740	3	0	3	1
Case 25	18	31,263,320	34,790,416	5	0	5	1
Case 25	18	34,801,866	35,701,204	4	1	5	0
Case 25	18	35,708,096	38,120,769	5	1	6	0
Case 25	18	38,130,502	39,724,275	5	0	5	1
Case 25	18	39,731,208	41,984,948	3	0	3	1
Case 25	18	42,004,083	43,329,864	4	0	4	1
Case 25	18	43,330,148	43,833,689	3	0	3	1
Case 25	18	43,834,634	47,840,706	4	0	4	1
Case 25	18	47,841,892	47,907,448	3	0	3	1
Case 25	18	47,908,542	51,795,329	4	0	4	1
Case 25	18	51,795,960	51,820,035	3	0	3	1
Case 25	18	51,820,070	55,252,613	4	0	4	1

Case 25	18	55,257,063	55,315,751	3	0	3	1
Case 25	18	55,315,959	74,363,062	4	0	4	1
Case 25	18	74,366,206	74,622,617	3	0	3	1
Case 25	18	74,622,634	75,954,881	4	0	4	1
Case 25	18	75,959,126	77,208,837	3	0	3	1
Case 25	18	77,208,952	77,475,256	4	0	4	1
Case 25	18	77,477,536	78,015,180	3	0	3	1
Case 25	19	260,912	9,066,140	3	0	3	1
Case 25	19	9,066,259	9,090,822	4	0	4	1
Case 25	19	9,090,850	15,131,668	3	0	3	1
Case 25	19	15,132,545	15,205,503	4	0	4	1
Case 25	19	15,206,661	15,839,459	3	0	3	1
Case 25	19	15,839,496	16,071,452	4	0	4	1
Case 25	19	16,072,037	22,693,766	3	0	3	1
Case 25	19	22,697,721	22,834,360	4	0	4	1
Case 25	19	22,835,939	23,943,243	3	0	3	1
Case 25	19	23,958,238	24,238,451	4	0	4	1
Case 25	19	24,239,788	24,629,285	3	0	3	1
Case 25	19	27,732,159	28,243,423	3	0	3	1
Case 25	19	28,243,881	30,088,147	4	0	4	1
Case 25	19	30,088,293	30,577,229	3	0	3	1
Case 25	19	30,580,597	33,157,003	4	0	4	1
Case 25	19	33,157,401	33,734,633	3	0	3	1
Case 25	19	33,735,880	34,670,725	4	0	4	1
Case 25	19	34,676,982	34,959,979	3	0	3	1
Case 25	19	34,971,846	35,416,794	4	0	4	1
Case 25	19	35,418,092	35,551,260	3	0	3	1
Case 25	19	35,551,574	35,831,826	4	0	4	1
Case 25	19	35,831,892	40,008,118	3	0	3	1
Case 25	19	40,009,100	40,363,916	4	0	4	1
Case 25	19	40,363,917	41,494,891	3	0	3	1
Case 25	19	41,495,433	42,229,176	4	0	4	1
Case 25	19	42,231,159	43,092,505	3	0	3	1
Case 25	19	43,092,775	43,866,449	4	0	4	1
Case 25	19	43,866,823	44,006,342	3	0	3	1
Case 25	19	44,008,370	44,270,819	4	0	4	1
Case 25	19	44,271,066	44,470,420	3	0	3	1
Case 25	19	44,470,663	45,079,808	4	0	4	1
Case 25	19	45,086,346	46,621,464	3	0	3	1
Case 25	19	46,622,776	46,627,412	0	0	0	0
Case 25	19	46,636,139	51,871,734	3	0	3	1
Case 25	19	51,871,737	52,496,263	4	0	4	1
Case 25	19	52,496,273	53,769,741	3	0	3	1
Case 25	19	53,769,861	53,820,000	4	0	4	1
Case 25	19	53,822,594	56,527,345	3	0	3	1
Case 25	19	56,531,625	56,572,844	4	0	4	1
Case 25	19	56,573,254	56,689,969	3	0	3	1
Case 25	19	56,691,571	56,915,219	4	0	4	1
Case 25	19	56,918,598	57,089,949	3	0	3	1
Case 25	19	57,092,369	57,532,552	4	0	4	1
Case 25	19	57,535,252	58,050,006	3	0	3	1
Case 25	19	58,050,032	58,116,143	4	0	4	1
Case 25	19	58,117,083	59,097,160	3	0	3	1
Case 25	20	63,244	257,032	2	2	4	0
Case 25	20	257,899	858,841	2	1	3	0
Case 25	20	860,442	934,500	2	2	4	0
Case 25	20	934,617	999,752	2	1	3	0
Case 25	20	999,784	2,380,225	2	2	4	0
Case 25	20	2,380,289	2,478,592	2	1	3	0
Case 25	20	2,478,707	2,597,906	2	2	4	0
Case 25	20	2,597,978	4,081,175	2	1	3	0



Case 25	20	4,087,050	4,171,497	2	2	4	0
Case 25	20	4,172,258	6,510,902	2	1	3	0
Case 25	20	6,526,125	6,854,187	2	2	4	0
Case 25	20	6,857,854	7,625,122	3	2	5	0
Case 25	20	7,625,506	7,625,506	3	1	4	0
Case 25	20	7,627,294	7,627,294	6	1	7	0
Case 25	20	7,632,355	15,797,818	4	2	6	0
Case 25	20	15,802,635	15,833,245	3	2	5	0
Case 25	20	15,835,730	15,990,705	2	2	4	0
Case 25	20	15,991,007	17,043,343	3	2	5	0
Case 25	20	17,045,926	20,591,395	2	2	4	0
Case 25	20	20,591,968	20,660,549	2	0	2	1
Case 25	20	20,664,761	21,145,885	3	0	3	1
Case 25	20	21,172,075	21,428,685	2	0	2	1
Case 25	20	21,447,889	23,026,271	3	0	3	1
Case 25	20	23,026,496	23,048,733	2	0	2	1
Case 25	20	23,052,614	23,433,349	3	0	3	1
Case 25	20	23,433,441	23,749,714	2	0	2	1
Case 25	20	23,750,897	23,823,856	3	0	3	1
Case 25	20	23,844,813	23,952,699	2	0	2	1
Case 25	20	23,955,742	25,031,403	3	0	3	1
Case 25	20	25,032,075	26,293,985	2	0	2	1
Case 25	20	29,425,357	33,025,567	5	0	5	1
Case 25	20	33,026,003	34,654,944	4	3	7	0
Case 25	20	34,672,509	36,774,502	5	0	5	1
Case 25	20	36,776,379	36,845,738	6	0	6	1
Case 25	20	36,846,731	37,356,971	5	0	5	1
Case 25	20	37,357,266	41,966,001	6	0	6	1
Case 25	20	41,972,591	43,271,579	5	0	5	1
Case 25	20	43,273,635	44,279,034	6	0	6	1
Case 25	20	44,279,200	45,119,670	5	0	5	1
Case 25	20	45,121,949	45,769,206	6	0	6	1
Case 25	20	45,770,401	46,514,097	5	0	5	1
Case 25	20	46,516,716	46,962,780	6	0	6	1
Case 25	20	46,965,462	47,274,697	5	0	5	1
Case 25	20	47,274,733	47,772,575	6	0	6	1
Case 25	20	47,778,602	47,990,236	5	0	5	1
Case 25	20	47,990,250	48,409,404	6	0	6	1
Case 25	20	48,410,403	49,581,710	5	0	5	1
Case 25	20	49,585,432	50,220,677	6	0	6	1
Case 25	20	50,221,553	50,506,749	5	0	5	1
Case 25	20	50,510,649	54,941,087	6	0	6	1
Case 25	20	54,941,140	55,421,778	5	0	5	1
Case 25	20	55,421,856	57,326,489	6	0	6	1
Case 25	20	57,326,876	57,599,824	5	0	5	1
Case 25	20	57,601,995	59,881,271	6	0	6	1
Case 25	20	59,881,933	62,948,788	5	0	5	1
Case 25	21	10,827,533	10,971,337	3	0	3	1
Case 25	21	14,368,320	14,368,320	3	0	3	1
Case 25	21	14,613,203	14,704,303	0	0	0	0
Case 25	21	14,736,777	15,154,158	2	0	2	1
Case 25	21	15,165,769	15,618,081	0	0	0	0
Case 25	21	15,620,391	15,648,485	1	0	1	0
Case 25	21	15,649,319	15,850,292	0	0	0	0
Case 25	21	15,852,100	15,858,321	1	0	1	0
Case 25	21	15,858,411	15,984,982	0	0	0	0
Case 25	21	16,000,148	16,238,790	1	0	1	0
Case 25	21	16,239,937	16,335,989	0	0	0	0
Case 25	21	16,336,804	16,339,780	1	0	1	0
Case 25	21	16,339,797	16,851,122	0	0	0	0
Case 25	21	16,852,402	16,884,154	1	0	1	0

Case 25	21	16,889,897	17,661,418	0	0	0	0
Case 25	21	17,664,676	18,781,682	1	0	1	0
Case 25	21	18,785,657	18,825,200	2	0	2	1
Case 25	21	18,825,247	18,830,252	0	0	0	0
Case 25	21	18,830,470	18,937,978	2	0	2	1
Case 25	21	18,938,080	19,055,530	1	0	1	0
Case 25	21	19,055,599	19,149,273	2	0	2	1
Case 25	21	19,150,133	19,723,055	1	0	1	0
Case 25	21	19,723,501	19,726,136	0	0	0	0
Case 25	21	19,726,138	20,342,268	1	0	1	0
Case 25	21	20,342,832	20,371,429	2	0	2	1
Case 25	21	20,374,159	21,336,088	1	0	1	0
Case 25	21	21,350,133	21,350,133	3	1	4	0
Case 25	21	21,350,740	22,609,204	6	1	7	0
Case 25	21	22,614,964	26,844,655	5	1	6	0
Case 25	21	26,855,088	32,252,137	2	1	3	0
Case 25	21	32,253,365	34,238,639	3	1	4	0
Case 25	21	34,240,068	34,506,306	4	1	5	0
Case 25	21	34,509,155	35,153,814	3	1	4	0
Case 25	21	35,154,307	35,716,371	4	1	5	0
Case 25	21	35,721,560	36,125,597	3	1	4	0
Case 25	21	36,126,639	37,002,204	4	1	5	0
Case 25	21	37,004,989	37,484,942	4	0	4	1
Case 25	21	37,485,062	37,836,711	3	0	3	1
Case 25	21	37,837,930	42,721,784	4	0	4	1
Case 25	21	42,725,380	42,768,297	3	0	3	1
Case 25	21	42,769,619	42,876,447	4	0	4	1
Case 25	21	42,882,003	43,543,193	2	0	2	1
Case 25	21	43,543,261	43,619,665	3	0	3	1
Case 25	21	43,620,158	44,755,474	2	0	2	1
Case 25	21	44,761,874	44,833,854	4	0	4	1
Case 25	21	44,835,301	45,149,133	3	0	3	1
Case 25	21	45,151,874	45,398,853	4	0	4	1
Case 25	21	45,400,781	47,970,643	3	0	3	1
Case 25	21	47,971,556	47,974,202	2	0	2	1
Case 25	21	47,976,322	47,980,760	0	0	0	0
Case 25	21	47,982,363	47,987,984	1	0	1	0
Case 25	21	47,988,142	48,021,054	0	0	0	0
Case 25	21	48,021,655	48,050,388	1	0	1	0
Case 25	21	48,052,169	48,063,476	0	0	0	0
Case 25	21	48,064,382	48,100,155	1	0	1	0
Case 25	22	16,114,244	17,073,119	2	1	3	0
Case 25	22	17,073,134	17,582,916	2	2	4	0
Case 25	22	17,583,083	17,590,607	2	1	3	0
Case 25	22	17,590,744	17,931,483	2	2	4	0
Case 25	22	17,932,686	18,226,771	2	1	3	0
Case 25	22	18,229,187	19,197,988	2	2	4	0
Case 25	22	19,198,017	22,550,078	2	1	3	0
Case 25	22	22,550,884	23,644,677	2	2	4	0
Case 25	22	23,644,794	23,927,134	2	1	3	0
Case 25	22	23,930,279	24,034,288	2	2	4	0
Case 25	22	24,034,304	24,226,890	2	1	3	0
Case 25	22	24,226,950	24,463,996	2	2	4	0
Case 25	22	24,464,377	24,723,644	2	1	3	0
Case 25	22	24,724,816	24,908,352	2	2	4	0
Case 25	22	24,908,829	24,992,266	2	1	3	0
Case 25	22	24,996,630	25,109,027	2	2	4	0
Case 25	22	25,112,325	25,548,986	2	1	3	0
Case 25	22	25,556,577	26,859,942	2	2	4	0
Case 25	22	26,859,956	26,891,808	2	1	3	0
Case 25	22	26,894,869	29,537,124	2	2	4	0

Case 25	22	29,537,940	29,737,633	2	1	3	0
Case 25	22	29,737,823	30,766,466	2	2	4	0
Case 25	22	30,766,496	31,091,324	2	1	3	0
Case 25	22	31,091,347	31,839,151	2	2	4	0
Case 25	22	31,840,638	32,257,400	2	1	3	0
Case 25	22	32,263,131	37,260,104	2	2	4	0
Case 25	22	37,260,160	37,752,697	2	1	3	0
Case 25	22	37,753,323	37,866,006	2	2	4	0
Case 25	22	37,866,063	40,291,139	2	1	3	0
Case 25	22	40,295,286	41,163,108	2	2	4	0
Case 25	22	41,166,135	42,522,684	2	1	3	0
Case 25	22	42,523,844	42,694,220	2	2	4	0
Case 25	22	42,696,005	43,614,440	2	1	3	0
Case 25	22	43,614,443	44,282,368	2	2	4	0
Case 25	22	44,282,369	44,421,425	2	1	3	0
Case 25	22	44,421,563	44,668,150	2	2	4	0
Case 25	22	44,672,019	44,813,655	2	1	3	0
Case 25	22	44,814,793	44,851,458	2	2	4	0
Case 25	22	44,851,821	45,848,271	2	1	3	0
Case 25	22	45,853,566	46,040,996	2	2	4	0
Case 25	22	46,042,979	47,440,669	2	1	3	0
Case 25	22	47,440,736	48,845,768	2	2	4	0
Case 25	22	48,850,781	48,906,678	2	1	3	0
Case 25	22	48,908,084	49,130,787	2	2	4	0
Case 25	22	49,131,192	49,511,217	2	1	3	0
Case 25	22	49,511,588	50,154,682	2	2	4	0
Case 25	22	50,159,072	51,195,728	2	1	3	0
Case 26	1	82,154	121,346,616	1	1	2	0
Case 26	1	142,649,718	245,634,069	1	1	2	0
Case 26	1	245,634,267	245,734,311	1	0	1	0
Case 26	1	245,737,772	249,218,992	1	1	2	0
Case 26	2	18,674	56,198,401	1	1	2	0
Case 26	2	56,199,062	56,480,571	1	0	1	0
Case 26	2	56,489,455	92,081,640	1	1	2	0
Case 26	2	95,429,424	201,434,903	1	1	2	0
Case 26	2	201,435,818	201,438,376	1	0	1	0
Case 26	2	201,438,497	235,834,973	1	1	2	0
Case 26	2	235,840,020	236,464,232	1	0	1	0
Case 26	2	236,468,798	243,048,760	1	1	2	0
Case 26	3	61,495	43,810,452	1	1	2	0
Case 26	3	43,822,281	44,611,558	2	1	3	0
Case 26	3	44,611,677	44,893,288	1	1	2	0
Case 26	3	44,893,346	47,618,953	2	1	3	0
Case 26	3	47,619,025	60,086,281	1	1	2	0
Case 26	3	60,087,817	60,479,380	1	0	1	0
Case 26	3	60,481,459	60,563,632	1	1	2	0
Case 26	3	60,566,161	60,692,133	1	0	1	0
Case 26	3	60,693,253	75,279,989	1	1	2	0
Case 26	3	75,283,711	90,442,925	2	1	3	0
Case 26	3	93,537,290	117,284,829	2	1	3	0
Case 26	3	117,292,748	122,040,062	2	2	4	0
Case 26	3	122,040,283	197,838,262	2	1	3	0
Case 26	4	71,566	504,012	1	0	1	0
Case 26	4	509,850	49,620,898	1	1	2	0
Case 26	4	52,697,856	190,963,766	1	1	2	0
Case 26	5	38,139	730,271	1	1	2	0
Case 26	5	788,646	825,338	5	0	5	1
Case 26	5	840,717	45,841,630	1	1	2	0
Case 26	5	45,874,923	46,399,093	0	0	0	0
Case 26	5	49,457,282	49,564,798	0	0	0	0
Case 26	5	49,586,870	139,931,613	1	1	2	0

Case 26	5	139,931,617	139,931,652	0	0	0	0
Case 26	5	139,931,653	180,693,127	1	1	2	0
Case 26	6	108,666	1,709,703	1	1	2	0
Case 26	6	1,712,223	1,915,129	1	0	1	0
Case 26	6	1,918,262	30,993,954	1	1	2	0
Case 26	6	30,993,958	30,997,667	0	0	0	0
Case 26	6	30,997,767	32,498,834	1	1	2	0
Case 26	6	32,501,715	32,552,095	1	0	1	0
Case 26	6	32,552,096	58,752,089	1	1	2	0
Case 26	6	61,891,118	78,965,525	1	1	2	0
Case 26	6	78,972,930	79,039,234	0	0	0	0
Case 26	6	79,042,157	170,980,171	1	1	2	0
Case 26	7	44,935	33,133,742	1	1	2	0
Case 26	7	33,136,109	34,791,079	1	0	1	0
Case 26	7	34,791,201	38,292,663	1	1	2	0
Case 26	7	38,297,145	38,383,243	2	2	4	0
Case 26	7	38,385,938	58,019,061	1	1	2	0
Case 26	7	61,056,053	61,138,655	1	1	2	0
Case 26	7	61,747,794	62,577,770	0	0	0	0
Case 26	7	62,627,173	100,675,082	1	1	2	0
Case 26	7	100,675,128	100,685,691	1	0	1	0
Case 26	7	100,685,709	108,594,196	1	1	2	0
Case 26	7	108,596,014	108,641,894	5	0	5	1
Case 26	7	108,644,659	159,119,486	1	1	2	0
Case 26	8	164,984	198,839	1	1	2	0
Case 26	8	200,898	43,791,691	2	1	3	0
Case 26	8	46,886,735	48,697,705	2	1	3	0
Case 26	8	48,697,733	49,047,878	1	1	2	0
Case 26	8	49,053,165	86,016,249	2	1	3	0
Case 26	8	86,018,853	86,861,743	1	1	2	0
Case 26	8	86,866,416	146,293,414	2	1	3	0
Case 26	9	46,587	26,978,157	1	1	2	0
Case 26	9	26,978,170	27,066,281	1	0	1	0
Case 26	9	27,074,233	46,944,322	1	1	2	0
Case 26	9	65,629,772	99,521,123	1	1	2	0
Case 26	9	99,521,136	99,525,805	0	0	0	0
Case 26	9	99,537,071	141,066,491	1	1	2	0
Case 26	10	98,087	39,097,912	1	1	2	0
Case 26	10	42,436,301	57,061,057	1	1	2	0
Case 26	10	57,073,531	57,128,289	0	0	0	0
Case 26	10	57,135,857	135,477,883	1	1	2	0
Case 26	11	193,146	51,591,253	1	1	2	0
Case 26	11	54,794,237	55,362,955	1	1	2	0
Case 26	11	55,370,325	55,427,700	0	0	0	0
Case 26	11	55,431,897	134,934,063	1	1	2	0
Case 26	12	191,619	34,810,203	1	1	2	0
Case 26	12	34,819,926	34,853,011	0	0	0	0
Case 26	12	37,876,400	38,359,611	0	0	0	0
Case 26	12	38,416,139	85,414,028	1	1	2	0
Case 26	12	85,423,670	85,450,243	1	0	1	0
Case 26	12	85,450,291	133,482,984	1	1	2	0
Case 26	12	133,484,722	133,810,935	1	0	1	0
Case 26	13	19,058,717	115,103,529	1	1	2	0
Case 26	14	19,280,733	19,964,076	1	1	2	0
Case 26	14	20,213,937	20,420,338	5	0	5	1
Case 26	14	20,425,051	22,425,847	1	1	2	0
Case 26	14	22,427,444	22,609,387	2	1	3	0
Case 26	14	22,611,467	22,978,516	2	2	4	0
Case 26	14	22,978,577	58,698,338	1	1	2	0
Case 26	14	58,698,844	58,937,374	1	0	1	0
Case 26	14	58,937,391	61,371,810	1	1	2	0

Case 26	14	61,382,747	62,522,935	1	0	1	0
Case 26	14	62,526,170	77,219,538	1	1	2	0
Case 26	14	77,220,685	77,225,591	5	0	5	1
Case 26	14	77,231,722	107,287,663	1	1	2	0
Case 26	15	20,034,919	30,353,491	1	1	2	0
Case 26	15	30,354,303	31,106,826	0	0	0	0
Case 26	15	31,108,789	32,443,813	1	1	2	0
Case 26	15	32,509,892	32,514,341	5	0	5	1
Case 26	15	32,833,659	102,461,162	1	1	2	0
Case 26	16	88,165	1,143,577	1	1	2	0
Case 26	16	1,143,605	1,187,931	0	0	0	0
Case 26	16	1,192,213	32,137,965	1	1	2	0
Case 26	16	32,257,633	33,460,718	5	0	5	1
Case 26	16	33,557,021	35,285,582	1	1	2	0
Case 26	16	46,450,037	78,149,048	1	1	2	0
Case 26	16	78,151,746	78,413,896	1	0	1	0
Case 26	16	78,417,344	78,420,787	2	1	3	0
Case 26	16	78,420,802	78,682,036	2	0	2	1
Case 26	16	78,684,329	78,760,933	1	1	2	0
Case 26	16	78,761,364	78,955,140	1	0	1	0
Case 26	16	78,960,323	79,056,949	2	1	3	0
Case 26	16	79,057,144	79,199,372	2	0	2	1
Case 26	16	79,199,894	90,274,695	1	1	2	0
Case 26	17	11,885	22,242,355	1	1	2	0
Case 26	17	25,268,142	81,060,040	1	1	2	0
Case 26	18	87,505	15,375,878	1	0	1	0
Case 26	18	18,520,354	18,539,806	1	0	1	0
Case 26	18	18,546,896	78,015,180	2	1	3	0
Case 26	19	260,912	9,348,586	1	1	2	0
Case 26	19	9,349,367	9,921,575	1	0	1	0
Case 26	19	9,921,593	11,828,410	1	1	2	0
Case 26	19	11,832,283	12,577,302	1	0	1	0
Case 26	19	12,581,063	19,822,049	1	1	2	0
Case 26	19	19,822,451	19,823,734	0	0	0	0
Case 26	19	19,824,850	20,170,214	1	1	2	0
Case 26	19	20,190,141	21,996,666	1	0	1	0
Case 26	19	22,020,770	23,408,129	1	1	2	0
Case 26	19	23,415,601	24,629,285	1	0	1	0
Case 26	19	27,732,159	28,148,773	1	0	1	0
Case 26	19	28,156,666	37,309,964	1	1	2	0
Case 26	19	37,310,116	38,230,720	1	0	1	0
Case 26	19	38,230,743	40,513,191	1	1	2	0
Case 26	19	40,515,744	40,542,386	0	0	0	0
Case 26	19	40,542,426	44,348,824	1	1	2	0
Case 26	19	44,348,919	44,515,137	1	0	1	0
Case 26	19	44,515,352	52,977,019	1	1	2	0
Case 26	19	52,980,756	53,652,020	1	0	1	0
Case 26	19	53,662,306	59,097,160	1	1	2	0
Case 26	20	63,244	14,055,947	2	1	3	0
Case 26	20	14,066,276	14,431,463	1	1	2	0
Case 26	20	14,434,250	26,293,985	2	1	3	0
Case 26	20	29,425,357	60,891,801	2	1	3	0
Case 26	20	60,892,011	60,920,915	1	1	2	0
Case 26	20	60,920,930	62,155,111	2	1	3	0
Case 26	20	62,157,545	62,421,540	2	0	2	1
Case 26	20	62,421,622	62,678,549	1	1	2	0
Case 26	20	62,681,617	62,948,788	2	1	3	0
Case 26	21	10,827,533	10,971,337	1	1	2	0
Case 26	21	14,368,320	17,767,773	1	1	2	0
Case 26	21	17,768,524	17,775,303	0	0	0	0
Case 26	21	17,777,827	48,100,155	1	1	2	0

Case 26	22	16,114,244	42,515,914	1	1	2	0
Case 26	22	42,516,366	42,527,533	0	0	0	0
Case 26	22	42,552,253	51,195,728	1	1	2	0
Case 31	1	82,154	121,346,616	1	1	2	0
Case 31	1	142,649,718	174,209,978	1	1	2	0
Case 31	1	174,210,684	174,428,517	2	0	2	1
Case 31	1	174,438,115	249,218,992	1	1	2	0
Case 31	2	18,674	92,081,640	1	1	2	0
Case 31	2	95,429,424	214,217,706	1	1	2	0
Case 31	2	214,296,544	214,513,147	0	0	0	0
Case 31	2	214,527,841	243,048,760	1	1	2	0
Case 31	3	61,495	60,286,486	1	1	2	0
Case 31	3	60,288,428	60,358,517	2	0	2	1
Case 31	3	60,360,747	60,360,747	1	1	2	0
Case 31	3	60,364,676	60,550,891	0	0	0	0
Case 31	3	60,554,521	60,610,341	2	0	2	1
Case 31	3	60,611,613	90,442,925	1	1	2	0
Case 31	3	93,537,290	173,939,218	1	1	2	0
Case 31	3	173,952,876	174,628,523	6	0	6	1
Case 31	3	174,646,603	197,838,262	1	1	2	0
Case 31	4	71,566	49,620,898	1	1	2	0
Case 31	4	52,697,856	137,241,357	1	1	2	0
Case 31	4	137,246,038	137,382,422	4	0	4	1
Case 31	4	137,396,283	161,856,343	1	1	2	0
Case 31	4	161,861,640	161,924,832	6	0	6	1
Case 31	4	161,935,342	190,963,766	1	1	2	0
Case 31	5	38,139	46,399,093	1	1	2	0
Case 31	5	49,457,282	139,931,384	1	1	2	0
Case 31	5	139,931,607	139,931,653	0	0	0	0
Case 31	5	139,931,655	180,693,127	1	1	2	0
Case 31	6	108,666	31,333,303	1	1	2	0
Case 31	6	31,333,562	31,352,113	2	0	2	1
Case 31	6	31,352,348	32,575,369	1	1	2	0
Case 31	6	32,575,983	32,678,182	2	0	2	1
Case 31	6	32,678,973	33,025,493	1	1	2	0
Case 31	6	33,025,700	33,036,548	4	0	4	1
Case 31	6	33,036,549	58,752,089	1	1	2	0
Case 31	6	61,891,118	170,980,171	1	1	2	0
Case 31	7	44,935	94,119	3	1	4	0
Case 31	7	94,631	2,990,009	3	0	3	1
Case 31	7	3,003,838	3,714,732	3	1	4	0
Case 31	7	3,718,051	4,356,023	3	0	3	1
Case 31	7	4,363,764	4,759,542	3	1	4	0
Case 31	7	4,760,696	7,091,625	3	0	3	1
Case 31	7	7,093,149	12,410,462	3	1	4	0
Case 31	7	12,410,811	12,463,056	3	0	3	1
Case 31	7	12,463,109	43,158,477	3	1	4	0
Case 31	7	43,162,969	45,025,696	3	0	3	1
Case 31	7	45,028,992	47,789,918	3	1	4	0
Case 31	7	47,790,912	48,313,155	3	0	3	1
Case 31	7	48,313,256	52,995,247	3	1	4	0
Case 31	7	52,995,409	53,292,859	3	0	3	1
Case 31	7	53,294,765	56,394,784	3	1	4	0
Case 31	7	56,437,045	58,019,061	3	0	3	1
Case 31	7	61,056,053	66,274,955	3	0	3	1
Case 31	7	66,276,217	72,297,442	3	1	4	0
Case 31	7	72,297,490	73,889,810	3	0	3	1
Case 31	7	73,891,118	82,582,698	3	1	4	0
Case 31	7	82,582,846	82,763,709	3	0	3	1
Case 31	7	82,763,982	88,964,559	3	1	4	0
Case 31	7	88,964,776	89,372,040	3	0	3	1

Case 31	7	89,373,249	97,478,318	3	1	4	0
Case 31	7	97,480,919	98,225,036	3	0	3	1
Case 31	7	98,226,627	99,022,443	3	1	4	0
Case 31	7	99,022,641	103,202,267	3	0	3	1
Case 31	7	103,202,327	109,168,950	3	1	4	0
Case 31	7	109,170,014	110,047,964	3	0	3	1
Case 31	7	110,052,275	110,559,571	3	1	4	0
Case 31	7	110,561,920	110,840,236	1	1	2	0
Case 31	7	110,843,795	110,924,289	0	0	0	0
Case 31	7	110,931,475	111,379,582	3	0	3	1
Case 31	7	111,382,099	122,763,787	3	1	4	0
Case 31	7	122,766,270	123,467,419	3	0	3	1
Case 31	7	123,475,672	125,224,602	3	1	4	0
Case 31	7	125,231,398	125,508,794	0	0	0	0
Case 31	7	125,515,354	138,692,417	3	1	4	0
Case 31	7	138,693,945	141,088,498	3	0	3	1
Case 31	7	141,091,477	142,498,109	3	1	4	0
Case 31	7	142,500,409	144,216,042	3	0	3	1
Case 31	7	144,216,071	149,514,716	3	1	4	0
Case 31	7	149,514,744	150,327,024	3	0	3	1
Case 31	7	150,327,195	150,681,210	3	1	4	0
Case 31	7	150,683,083	151,070,531	3	0	3	1
Case 31	7	151,071,225	151,684,773	3	1	4	0
Case 31	7	151,693,502	152,262,508	3	0	3	1
Case 31	7	152,269,523	159,119,486	3	1	4	0
Case 31	8	164,984	43,791,691	1	1	2	0
Case 31	8	46,886,735	146,293,414	1	1	2	0
Case 31	9	46,587	3,303,963	1	1	2	0
Case 31	9	3,306,221	3,594,049	0	0	0	0
Case 31	9	3,595,084	3,827,120	2	0	2	1
Case 31	9	3,827,824	3,898,730	0	0	0	0
Case 31	9	3,898,792	4,555,305	2	0	2	1
Case 31	9	4,555,573	46,944,322	1	1	2	0
Case 31	9	65,629,772	77,247,597	1	1	2	0
Case 31	9	77,254,334	77,312,690	4	0	4	1
Case 31	9	77,313,531	141,066,491	1	1	2	0
Case 31	10	98,087	39,097,912	1	1	2	0
Case 31	10	42,436,301	135,477,883	1	1	2	0
Case 31	11	193,146	51,591,253	1	1	2	0
Case 31	11	54,794,237	134,934,063	1	1	2	0
Case 31	12	191,619	34,853,011	1	1	2	0
Case 31	12	37,876,400	133,732,604	1	1	2	0
Case 31	12	133,732,685	133,810,935	0	0	0	0
Case 31	13	19,058,717	95,038,990	1	1	2	0
Case 31	13	95,041,111	95,085,417	6	0	6	1
Case 31	13	95,087,393	115,103,529	1	1	2	0
Case 31	14	19,280,733	20,248,611	1	1	2	0
Case 31	14	20,248,671	20,425,051	4	0	4	1
Case 31	14	20,426,742	107,287,663	1	1	2	0
Case 31	15	20,034,919	102,461,162	1	1	2	0
Case 31	16	88,165	35,285,582	1	1	2	0
Case 31	16	46,450,037	90,274,695	1	1	2	0
Case 31	17	11,885	22,242,355	1	1	2	0
Case 31	17	25,268,142	81,060,040	1	1	2	0
Case 31	18	87,505	15,375,878	1	1	2	0
Case 31	18	18,520,354	78,015,180	1	1	2	0
Case 31	19	260,912	24,629,285	1	1	2	0
Case 31	19	27,732,159	27,828,664	1	1	2	0
Case 31	19	27,862,694	34,732,571	5	0	5	1
Case 31	19	34,735,393	34,742,705	1	1	2	0
Case 31	19	34,756,853	59,097,160	4	0	4	1

Case 31	20	63,244	2,562,518	3	1	4	0
Case 31	20	2,562,654	2,776,527	3	0	3	1
Case 31	20	2,776,975	14,745,223	3	1	4	0
Case 31	20	14,745,993	15,061,394	3	0	3	1
Case 31	20	15,063,214	24,708,653	3	1	4	0
Case 31	20	24,711,227	26,293,985	3	0	3	1
Case 31	20	29,425,357	30,007,713	3	0	3	1
Case 31	20	30,018,542	32,667,298	3	1	4	0
Case 31	20	32,675,754	33,589,111	3	0	3	1
Case 31	20	33,589,328	60,363,215	3	1	4	0
Case 31	20	60,364,205	60,928,231	3	0	3	1
Case 31	20	60,928,304	62,117,518	3	1	4	0
Case 31	20	62,118,068	62,948,788	3	0	3	1
Case 31	21	10,827,533	10,971,337	1	1	2	0
Case 31	21	14,368,320	48,100,155	1	1	2	0
Case 31	22	16,114,244	25,124,711	1	1	2	0
Case 31	22	25,127,810	25,135,682	6	0	6	1
Case 31	22	25,144,894	51,195,728	1	1	2	0
Case 34	1	82,154	121,346,616	1	1	2	0
Case 34	1	142,649,718	249,218,992	1	1	2	0
Case 34	2	18,674	87,095,286	1	1	2	0
Case 34	2	87,108,211	87,322,042	1	0	1	0
Case 34	2	87,405,001	88,000,554	7	0	7	1
Case 34	2	88,286,668	92,081,640	1	1	2	0
Case 34	2	95,429,424	202,922,665	1	1	2	0
Case 34	2	202,925,675	204,354,309	1	0	1	0
Case 34	2	204,354,476	241,826,558	1	1	2	0
Case 34	2	241,827,779	243,048,760	1	0	1	0
Case 34	3	61,495	57,143,567	1	1	2	0
Case 34	3	57,143,645	57,978,283	1	0	1	0
Case 34	3	57,978,556	65,180,001	1	1	2	0
Case 34	3	65,184,899	65,214,533	0	0	0	0
Case 34	3	65,215,804	87,417,191	1	1	2	0
Case 34	3	87,426,052	88,205,454	1	0	1	0
Case 34	3	88,205,579	90,442,925	1	1	2	0
Case 34	3	93,537,290	197,838,262	1	1	2	0
Case 34	4	71,566	367,142	1	1	2	0
Case 34	4	367,927	437,166	0	0	0	0
Case 34	4	437,720	49,620,898	1	1	2	0
Case 34	4	52,697,856	83,758,827	1	1	2	0
Case 34	4	83,763,292	84,519,076	1	0	1	0
Case 34	4	84,519,270	113,350,387	1	1	2	0
Case 34	4	113,350,665	113,915,647	1	0	1	0
Case 34	4	113,916,575	165,644,827	1	1	2	0
Case 34	4	165,646,228	166,021,848	1	0	1	0
Case 34	4	166,023,258	188,690,307	1	1	2	0
Case 34	4	188,698,095	190,963,766	1	0	1	0
Case 34	5	38,139	46,399,093	1	1	2	0
Case 34	5	49,457,282	179,681,514	1	1	2	0
Case 34	5	179,682,832	180,065,455	1	0	1	0
Case 34	5	180,067,675	180,693,127	1	1	2	0
Case 34	6	108,666	30,755,893	1	1	2	0
Case 34	6	30,756,066	31,482,203	2	0	2	1
Case 34	6	31,483,415	32,365,580	1	1	2	0
Case 34	6	32,365,840	32,706,398	2	0	2	1
Case 34	6	32,706,416	42,712,809	1	1	2	0
Case 34	6	42,712,977	42,935,233	1	0	1	0
Case 34	6	42,935,272	58,752,089	1	1	2	0
Case 34	6	61,891,118	170,980,171	1	1	2	0
Case 34	7	44,935	57,528,311	1	1	2	0
Case 34	7	57,529,604	58,019,061	0	0	0	0



Case 34	7	61,056,053	62,677,044	0	0	0	0
Case 34	7	62,689,447	159,119,486	1	1	2	0
Case 34	8	164,984	27,622,762	1	1	2	0
Case 34	8	27,623,209	27,658,491	0	0	0	0
Case 34	8	27,664,686	29,927,358	1	1	2	0
Case 34	8	29,927,462	30,700,386	1	0	1	0
Case 34	8	30,700,439	43,791,691	1	1	2	0
Case 34	8	46,886,735	142,488,994	1	1	2	0
Case 34	8	142,489,329	142,489,370	0	0	0	0
Case 34	8	142,489,392	143,394,496	2	2	4	0
Case 34	8	143,395,768	146,293,414	1	1	2	0
Case 34	9	46,587	1,050,981	1	0	1	0
Case 34	9	1,051,758	9,389,992	1	1	2	0
Case 34	9	9,392,168	9,817,393	1	0	1	0
Case 34	9	9,818,094	46,944,322	1	1	2	0
Case 34	9	65,629,772	79,714,137	1	1	2	0
Case 34	9	79,724,774	80,071,833	1	0	1	0
Case 34	9	80,075,134	99,521,123	1	1	2	0
Case 34	9	99,521,136	99,538,169	0	0	0	0
Case 34	9	99,538,347	130,493,309	1	1	2	0
Case 34	9	130,493,488	131,038,966	1	0	1	0
Case 34	9	131,039,250	140,001,771	1	1	2	0
Case 34	9	140,001,888	140,661,826	1	0	1	0
Case 34	9	140,663,554	141,066,491	1	1	2	0
Case 34	10	98,087	7,605,243	1	1	2	0
Case 34	10	7,605,263	7,786,234	1	0	1	0
Case 34	10	7,786,236	18,762,948	1	1	2	0
Case 34	10	18,763,854	19,536,557	1	0	1	0
Case 34	10	19,540,391	26,197,516	1	1	2	0
Case 34	10	26,201,259	27,776,411	1	0	1	0
Case 34	10	27,783,076	39,097,912	1	1	2	0
Case 34	10	42,436,301	69,676,297	1	1	2	0
Case 34	10	69,676,830	70,645,107	1	0	1	0
Case 34	10	70,645,258	135,477,883	1	1	2	0
Case 34	11	193,146	24,132,249	1	1	2	0
Case 34	11	24,132,555	24,483,140	0	0	0	0
Case 34	11	24,488,141	50,467,961	1	1	2	0
Case 34	11	50,468,978	51,591,253	1	0	1	0
Case 34	11	54,794,237	55,110,806	1	0	1	0
Case 34	11	55,110,807	55,362,955	1	1	2	0
Case 34	11	55,370,325	55,427,700	0	0	0	0
Case 34	11	55,431,897	134,934,063	1	1	2	0
Case 34	12	191,619	724,279	1	1	2	0
Case 34	12	736,714	1,674,239	1	0	1	0
Case 34	12	1,674,288	34,294,699	1	1	2	0
Case 34	12	34,306,859	34,853,011	0	0	0	0
Case 34	12	37,876,400	38,514,872	0	0	0	0
Case 34	12	38,528,487	133,810,935	1	1	2	0
Case 34	13	19,058,717	96,004,493	1	1	2	0
Case 34	13	96,010,800	97,049,100	1	0	1	0
Case 34	13	97,052,022	115,103,529	1	1	2	0
Case 34	14	19,280,733	20,249,286	1	1	2	0
Case 34	14	20,249,316	20,420,338	4	0	4	1
Case 34	14	20,425,051	22,590,877	1	1	2	0
Case 34	14	22,590,996	22,970,327	2	2	4	0
Case 34	14	22,972,815	31,357,217	1	1	2	0
Case 34	14	31,358,377	32,311,115	1	0	1	0
Case 34	14	32,312,807	35,231,108	1	1	2	0
Case 34	14	35,231,242	36,437,818	1	0	1	0
Case 34	14	36,444,307	39,500,519	1	1	2	0
Case 34	14	39,506,601	39,998,458	1	0	1	0

Case 34	14	40,004,891	50,069,088	1	1	2	0
Case 34	14	50,069,160	50,806,101	1	0	1	0
Case 34	14	50,806,676	55,292,269	1	1	2	0
Case 34	14	55,294,104	56,173,687	1	0	1	0
Case 34	14	56,177,363	57,920,445	1	1	2	0
Case 34	14	57,931,444	59,131,632	1	0	1	0
Case 34	14	59,134,382	63,857,808	1	1	2	0
Case 34	14	63,867,140	64,658,226	1	0	1	0
Case 34	14	64,665,060	73,521,060	1	1	2	0
Case 34	14	73,524,541	74,665,673	1	0	1	0
Case 34	14	74,666,824	105,673,692	1	1	2	0
Case 34	14	105,674,225	107,287,663	1	0	1	0
Case 34	15	20,034,919	102,461,162	1	1	2	0
Case 34	16	88,165	35,285,582	1	1	2	0
Case 34	16	46,450,037	68,719,251	1	1	2	0
Case 34	16	68,721,470	69,970,529	1	0	1	0
Case 34	16	69,971,543	73,976,130	1	1	2	0
Case 34	16	73,986,771	75,904,514	1	0	1	0
Case 34	16	75,922,170	81,173,461	1	1	2	0
Case 34	16	81,174,958	81,187,021	0	0	0	0
Case 34	16	81,187,635	89,696,828	1	1	2	0
Case 34	16	89,702,317	89,845,194	1	0	1	0
Case 34	16	89,845,371	90,274,695	1	1	2	0
Case 34	17	11,885	1,002,010	1	1	2	0
Case 34	17	1,002,846	1,657,073	1	0	1	0
Case 34	17	1,657,653	9,602,122	1	1	2	0
Case 34	17	9,604,888	10,055,514	2	0	2	1
Case 34	17	10,055,680	22,242,355	1	1	2	0
Case 34	17	25,268,142	58,613,330	1	1	2	0
Case 34	17	58,638,515	58,898,088	0	0	0	0
Case 34	17	58,901,716	81,060,040	1	1	2	0
Case 34	18	87,505	15,375,878	1	1	2	0
Case 34	18	18,520,354	78,015,180	1	1	2	0
Case 34	19	260,912	4,511,612	1	1	2	0
Case 34	19	4,511,913	4,523,593	0	0	0	0
Case 34	19	4,523,694	8,130,867	1	1	2	0
Case 34	19	8,130,933	8,155,130	0	0	0	0
Case 34	19	8,156,221	11,832,649	1	1	2	0
Case 34	19	11,832,835	12,774,561	1	0	1	0
Case 34	19	12,774,562	20,329,637	1	1	2	0
Case 34	19	20,397,555	22,089,322	1	0	1	0
Case 34	19	22,092,288	23,373,200	1	1	2	0
Case 34	19	23,382,990	24,629,285	1	0	1	0
Case 34	19	27,732,159	28,156,666	1	0	1	0
Case 34	19	28,178,423	36,813,497	1	1	2	0
Case 34	19	36,814,379	38,378,669	1	0	1	0
Case 34	19	38,379,446	52,520,568	1	1	2	0
Case 34	19	52,520,595	53,311,563	1	0	1	0
Case 34	19	53,332,039	53,358,889	7	0	7	1
Case 34	19	53,363,030	57,585,986	1	1	2	0
Case 34	19	57,588,298	58,490,769	1	0	1	0
Case 34	19	58,490,898	59,097,160	1	1	2	0
Case 34	20	63,244	26,293,985	1	1	2	0
Case 34	20	29,425,357	62,066,793	1	1	2	0
Case 34	20	62,070,966	62,219,740	1	0	1	0
Case 34	20	62,219,837	62,948,788	1	1	2	0
Case 34	21	10,827,533	10,971,337	1	1	2	0
Case 34	21	14,368,320	48,100,155	1	1	2	0
Case 34	22	16,114,244	51,195,728	1	1	2	0
Case 35	1	82,154	1,222,528	1	1	2	0
Case 35	1	1,222,529	1,247,736	1	0	1	0

Case 35	1	1,247,820	12,852,872	1	1	2	0
Case 35	1	12,854,507	12,920,053	2	1	3	0
Case 35	1	12,921,252	26,721,287	1	1	2	0
Case 35	1	26,722,384	27,933,024	1	0	1	0
Case 35	1	27,937,456	121,346,616	1	1	2	0
Case 35	1	142,649,718	180,221,084	1	1	2	0
Case 35	1	180,225,223	180,232,398	0	0	0	0
Case 35	1	180,232,750	249,218,992	1	1	2	0
Case 35	2	18,674	92,081,640	1	1	2	0
Case 35	2	95,429,424	212,367,912	1	1	2	0
Case 35	2	212,375,386	212,526,025	1	0	1	0
Case 35	2	212,527,729	243,048,760	1	1	2	0
Case 35	3	61,495	59,828,477	1	1	2	0
Case 35	3	59,839,995	59,904,811	1	0	1	0
Case 35	3	59,905,777	59,905,777	1	1	2	0
Case 35	3	59,905,961	60,167,219	2	0	2	1
Case 35	3	60,170,083	60,295,081	2	1	3	0
Case 35	3	60,298,229	60,388,743	1	1	2	0
Case 35	3	60,390,846	60,461,416	0	0	0	0
Case 35	3	60,461,994	60,461,994	1	1	2	0
Case 35	3	60,464,275	60,574,546	1	0	1	0
Case 35	3	60,576,324	60,576,769	1	1	2	0
Case 35	3	60,581,806	82,145,477	2	1	3	0
Case 35	3	82,148,325	82,678,168	1	1	2	0
Case 35	3	82,687,133	85,407,057	2	1	3	0
Case 35	3	85,414,291	85,710,336	1	1	2	0
Case 35	3	85,712,974	87,433,003	2	1	3	0
Case 35	3	87,438,524	88,037,200	1	1	2	0
Case 35	3	88,039,942	90,442,925	2	1	3	0
Case 35	3	93,537,290	97,879,569	2	1	3	0
Case 35	3	97,883,653	98,141,086	1	1	2	0
Case 35	3	98,147,260	121,415,795	2	1	3	0
Case 35	3	121,415,988	121,615,366	1	1	2	0
Case 35	3	121,615,515	126,113,127	2	1	3	0
Case 35	3	126,116,410	126,180,826	1	1	2	0
Case 35	3	126,180,849	179,733,753	2	1	3	0
Case 35	3	179,738,924	180,342,293	1	1	2	0
Case 35	3	180,347,917	197,838,262	2	1	3	0
Case 35	4	71,566	49,620,898	1	1	2	0
Case 35	4	52,697,856	190,963,766	1	1	2	0
Case 35	5	38,139	46,399,093	1	1	2	0
Case 35	5	49,457,282	68,920,307	1	1	2	0
Case 35	5	70,305,696	70,308,271	0	0	0	0
Case 35	5	70,308,421	139,931,384	1	1	2	0
Case 35	5	139,931,607	139,936,823	0	0	0	0
Case 35	5	139,936,825	140,765,000	1	1	2	0
Case 35	5	140,768,132	140,777,577	0	0	0	0
Case 35	5	140,778,151	166,823,660	1	1	2	0
Case 35	5	166,824,102	180,693,127	2	1	3	0
Case 35	6	108,666	1,035,010	2	0	2	1
Case 35	6	1,035,675	1,261,007	3	0	3	1
Case 35	6	1,261,609	2,772,244	2	0	2	1
Case 35	6	2,774,052	3,740,307	3	0	3	1
Case 35	6	3,742,857	17,834,942	2	0	2	1
Case 35	6	17,837,268	18,387,265	3	0	3	1
Case 35	6	18,387,692	20,057,330	2	0	2	1
Case 35	6	20,057,889	27,329,788	3	0	3	1
Case 35	6	27,332,298	27,706,180	4	0	4	1
Case 35	6	27,707,046	28,967,767	3	0	3	1
Case 35	6	28,968,146	29,183,346	4	0	4	1
Case 35	6	29,184,660	29,473,501	3	0	3	1

Case 35	6	29,474,385	29,518,472	4	0	4	1
Case 35	6	29,518,934	31,133,943	3	0	3	1
Case 35	6	31,134,532	31,255,007	4	0	4	1
Case 35	6	31,255,424	32,285,596	3	0	3	1
Case 35	6	32,286,102	32,334,754	4	0	4	1
Case 35	6	32,335,204	32,657,578	3	0	3	1
Case 35	6	32,658,079	32,682,664	4	0	4	1
Case 35	6	32,682,724	47,253,884	3	0	3	1
Case 35	6	47,253,985	58,752,089	2	1	3	0
Case 35	6	61,891,118	120,978,943	2	1	3	0
Case 35	6	120,983,610	170,980,171	1	1	2	0
Case 35	7	44,935	4,830,379	1	1	2	0
Case 35	7	4,830,425	4,843,335	1	0	1	0
Case 35	7	4,845,701	11,306,897	1	1	2	0
Case 35	7	11,313,841	11,349,438	0	0	0	0
Case 35	7	11,351,104	58,019,061	1	1	2	0
Case 35	7	61,056,053	149,486,404	1	1	2	0
Case 35	7	149,486,420	149,489,473	0	0	0	0
Case 35	7	149,489,491	159,119,486	1	1	2	0
Case 35	8	164,984	10,465,490	2	1	3	0
Case 35	8	10,465,636	10,467,673	1	1	2	0
Case 35	8	10,467,754	43,791,691	2	1	3	0
Case 35	8	46,886,735	144,398,191	2	1	3	0
Case 35	8	144,398,198	144,522,498	1	1	2	0
Case 35	8	144,526,905	144,669,392	2	0	2	1
Case 35	8	144,670,950	144,992,347	1	1	2	0
Case 35	8	144,992,368	145,154,910	2	0	2	1
Case 35	8	145,155,408	145,689,250	2	1	3	0
Case 35	8	145,689,685	145,907,087	1	1	2	0
Case 35	8	145,919,126	146,293,414	2	1	3	0
Case 35	9	46,587	46,944,322	1	1	2	0
Case 35	9	65,629,772	96,271,752	1	1	2	0
Case 35	9	96,291,224	96,407,983	1	0	1	0
Case 35	9	96,411,956	97,221,434	1	1	2	0
Case 35	9	97,221,450	97,367,819	2	1	3	0
Case 35	9	97,367,834	140,242,525	1	1	2	0
Case 35	9	140,242,536	140,250,738	1	0	1	0
Case 35	9	140,250,749	141,066,491	1	1	2	0
Case 35	10	98,087	7,617,810	1	1	2	0
Case 35	10	7,618,440	7,618,686	0	0	0	0
Case 35	10	7,618,739	39,097,912	1	1	2	0
Case 35	10	42,436,301	135,477,883	1	1	2	0
Case 35	11	193,146	7,801,926	1	1	2	0
Case 35	11	7,817,512	7,838,441	0	0	0	0
Case 35	11	7,843,317	50,008,258	1	1	2	0
Case 35	11	50,057,854	50,349,310	0	0	0	0
Case 35	11	50,367,359	51,591,253	1	1	2	0
Case 35	11	54,794,237	97,612,364	1	1	2	0
Case 35	11	97,614,840	97,709,396	0	0	0	0
Case 35	11	97,722,738	120,323,214	1	1	2	0
Case 35	11	120,328,462	120,624,486	1	0	1	0
Case 35	11	120,624,525	134,934,063	1	1	2	0
Case 35	12	191,619	34,853,011	1	1	2	0
Case 35	12	37,876,400	131,797,608	1	1	2	0
Case 35	12	131,800,059	131,825,125	0	0	0	0
Case 35	12	131,830,332	133,810,935	1	1	2	0
Case 35	13	19,058,717	115,103,529	2	1	3	0
Case 35	14	19,280,733	19,700,048	2	0	2	1
Case 35	14	19,847,604	19,964,076	3	0	3	1
Case 35	14	20,213,937	20,420,338	4	0	4	1
Case 35	14	20,425,051	20,425,051	2	1	3	0

Case 35	14	20,426,742	107,287,663	1	1	2	0
Case 35	15	20,034,919	42,144,480	1	1	2	0
Case 35	15	42,145,167	42,155,032	1	0	1	0
Case 35	15	42,155,925	43,890,409	1	1	2	0
Case 35	15	43,891,364	43,939,659	2	1	3	0
Case 35	15	43,990,211	63,200,722	1	1	2	0
Case 35	15	63,201,335	63,207,340	0	0	0	0
Case 35	15	63,210,397	102,461,162	1	1	2	0
Case 35	16	88,165	818,689	1	1	2	0
Case 35	16	818,698	843,247	1	0	1	0
Case 35	16	844,059	1,155,025	1	1	2	0
Case 35	16	1,159,731	1,194,437	0	0	0	0
Case 35	16	1,196,760	1,536,938	1	1	2	0
Case 35	16	1,537,391	1,550,623	1	0	1	0
Case 35	16	1,551,082	7,055,828	1	1	2	0
Case 35	16	7,062,553	7,078,229	0	0	0	0
Case 35	16	7,091,954	35,285,582	1	1	2	0
Case 35	16	46,450,037	78,921,105	1	1	2	0
Case 35	16	78,923,668	79,054,020	2	0	2	1
Case 35	16	79,055,748	90,274,695	1	1	2	0
Case 35	17	11,885	22,242,355	1	1	2	0
Case 35	17	25,268,142	34,436,708	1	1	2	0
Case 35	17	34,443,811	34,815,551	2	1	3	0
Case 35	17	34,819,191	46,839,566	1	1	2	0
Case 35	17	46,840,178	46,848,470	1	0	1	0
Case 35	17	46,862,392	56,421,270	1	1	2	0
Case 35	17	56,421,706	79,171,929	2	1	3	0
Case 35	17	79,171,959	79,180,632	1	1	2	0
Case 35	17	79,180,659	79,540,449	2	0	2	1
Case 35	17	79,541,116	81,060,040	2	1	3	0
Case 35	18	87,505	15,375,878	1	1	2	0
Case 35	18	18,520,354	78,015,180	1	1	2	0
Case 35	19	260,912	24,629,285	1	1	2	0
Case 35	19	27,732,159	49,116,307	1	1	2	0
Case 35	19	49,116,346	49,118,371	0	0	0	0
Case 35	19	49,120,041	49,431,839	1	1	2	0
Case 35	19	49,436,980	49,472,745	1	0	1	0
Case 35	19	49,472,837	59,097,160	1	1	2	0
Case 35	20	63,244	26,293,985	1	1	2	0
Case 35	20	29,425,357	62,948,788	1	1	2	0
Case 35	21	10,827,533	10,971,337	1	1	2	0
Case 35	21	14,368,320	47,805,891	1	1	2	0
Case 35	21	47,808,673	47,836,653	1	0	1	0
Case 35	21	47,838,123	48,100,155	1	1	2	0
Case 35	22	16,114,244	22,319,731	1	1	2	0
Case 35	22	22,322,028	22,400,423	2	1	3	0
Case 35	22	22,401,006	51,195,728	1	1	2	0
Case 36	1	82,154	14,776,392	2	2	4	0
Case 36	1	14,777,904	17,249,173	3	0	3	1
Case 36	1	17,249,200	17,296,818	2	0	2	1
Case 36	1	17,296,833	21,011,510	3	0	3	1
Case 36	1	21,012,549	21,016,815	2	0	2	1
Case 36	1	21,018,485	27,890,533	3	0	3	1
Case 36	1	27,930,898	51,220,127	2	2	4	0
Case 36	1	51,242,141	51,484,626	3	2	5	0
Case 36	1	51,500,769	85,755,925	2	2	4	0
Case 36	1	85,763,899	87,773,503	3	2	5	0
Case 36	1	87,774,994	97,463,800	2	2	4	0
Case 36	1	97,469,804	97,869,199	3	2	5	0
Case 36	1	97,869,853	97,885,249	4	2	6	0
Case 36	1	97,885,880	121,346,616	2	2	4	0

Case 36	1	142,649,718	156,565,413	2	2	4	0
Case 36	1	156,566,111	156,639,215	3	2	5	0
Case 36	1	156,639,277	161,398,984	2	2	4	0
Case 36	1	161,406,056	161,512,848	3	0	3	1
Case 36	1	161,514,566	167,226,854	2	2	4	0
Case 36	1	167,233,474	167,715,940	3	2	5	0
Case 36	1	167,722,003	169,005,304	4	0	4	1
Case 36	1	169,012,985	169,035,485	6	0	6	1
Case 36	1	169,041,144	169,049,881	5	0	5	1
Case 36	1	169,056,077	184,027,676	4	0	4	1
Case 36	1	184,031,561	185,103,113	3	0	3	1
Case 36	1	185,109,202	185,211,545	2	0	2	1
Case 36	1	185,212,686	186,163,076	3	0	3	1
Case 36	1	186,164,899	186,704,555	4	0	4	1
Case 36	1	186,722,430	187,530,283	3	0	3	1
Case 36	1	187,531,027	187,817,247	2	0	2	1
Case 36	1	187,823,537	187,832,346	3	0	3	1
Case 36	1	187,834,475	189,478,530	4	0	4	1
Case 36	1	189,478,630	189,491,402	3	0	3	1
Case 36	1	189,496,667	192,366,691	2	0	2	1
Case 36	1	192,370,110	193,932,788	3	0	3	1
Case 36	1	193,933,715	197,069,766	2	0	2	1
Case 36	1	197,069,857	197,073,885	3	0	3	1
Case 36	1	197,073,932	197,874,949	2	0	2	1
Case 36	1	197,876,319	198,474,448	3	0	3	1
Case 36	1	198,480,661	198,521,135	2	0	2	1
Case 36	1	198,528,106	198,601,197	3	0	3	1
Case 36	1	198,607,328	199,438,213	2	0	2	1
Case 36	1	199,441,521	200,534,248	3	0	3	1
Case 36	1	200,534,255	200,577,276	2	0	2	1
Case 36	1	200,580,831	203,232,771	3	0	3	1
Case 36	1	203,238,568	205,236,233	4	0	4	1
Case 36	1	205,240,198	215,955,515	3	0	3	1
Case 36	1	215,955,937	215,999,616	2	0	2	1
Case 36	1	216,003,557	216,054,086	3	0	3	1
Case 36	1	216,055,286	216,172,740	2	0	2	1
Case 36	1	216,173,866	216,246,607	3	0	3	1
Case 36	1	216,249,570	216,413,725	2	0	2	1
Case 36	1	216,417,675	216,633,391	3	0	3	1
Case 36	1	216,634,428	216,770,716	2	0	2	1
Case 36	1	216,771,649	216,848,771	3	0	3	1
Case 36	1	216,850,733	216,965,834	2	0	2	1
Case 36	1	216,966,601	217,835,210	3	0	3	1
Case 36	1	217,842,887	218,044,052	2	0	2	1
Case 36	1	218,047,636	220,151,999	3	0	3	1
Case 36	1	220,152,863	220,356,104	2	0	2	1
Case 36	1	220,356,245	225,146,988	3	0	3	1
Case 36	1	225,147,932	225,538,052	2	0	2	1
Case 36	1	225,539,363	227,750,068	3	0	3	1
Case 36	1	227,753,072	227,918,562	2	0	2	1
Case 36	1	227,920,061	228,496,066	3	0	3	1
Case 36	1	228,496,905	228,509,475	2	0	2	1
Case 36	1	228,509,555	228,557,698	3	0	3	1
Case 36	1	228,557,710	228,566,387	2	0	2	1
Case 36	1	228,568,159	231,483,670	3	0	3	1
Case 36	1	231,485,731	231,572,255	2	0	2	1
Case 36	1	231,579,172	233,436,403	3	0	3	1
Case 36	1	233,437,866	233,484,687	2	0	2	1
Case 36	1	233,489,499	235,324,510	3	0	3	1
Case 36	1	235,325,570	235,403,741	2	0	2	1
Case 36	1	235,456,271	235,832,555	3	0	3	1

Case 36	1	235,849,867	236,099,394	6	0	6	1
Case 36	1	236,102,226	236,207,311	5	0	5	1
Case 36	1	236,207,358	236,687,782	6	0	6	1
Case 36	1	236,689,568	236,730,158	5	0	5	1
Case 36	1	236,732,375	245,819,228	6	0	6	1
Case 36	1	245,822,899	245,850,988	5	0	5	1
Case 36	1	245,851,609	247,587,155	6	0	6	1
Case 36	1	247,587,389	247,696,047	5	0	5	1
Case 36	1	247,697,724	248,004,334	6	0	6	1
Case 36	1	248,004,375	248,688,317	5	0	5	1
Case 36	1	248,756,502	249,218,992	6	0	6	1
Case 36	2	18,674	92,081,640	2	2	4	0
Case 36	2	95,429,424	108,312,303	2	2	4	0
Case 36	2	108,337,427	108,380,650	4	2	6	0
Case 36	2	108,390,945	205,926,400	2	2	4	0
Case 36	2	205,942,560	206,399,128	3	0	3	1
Case 36	2	206,405,326	207,960,996	2	2	4	0
Case 36	2	207,962,456	208,114,630	3	2	5	0
Case 36	2	208,115,178	208,664,252	4	2	6	0
Case 36	2	208,686,410	232,838,890	2	2	4	0
Case 36	2	232,843,189	238,678,627	3	0	3	1
Case 36	2	238,682,770	238,769,680	2	0	2	1
Case 36	2	238,769,892	238,999,883	3	0	3	1
Case 36	2	239,002,506	239,051,536	2	0	2	1
Case 36	2	239,051,550	241,382,083	3	0	3	1
Case 36	2	241,385,787	241,402,836	2	0	2	1
Case 36	2	241,403,014	241,826,517	3	0	3	1
Case 36	2	241,826,521	241,835,320	2	0	2	1
Case 36	2	241,835,543	243,048,760	3	0	3	1
Case 36	3	61,495	74,028,783	2	2	4	0
Case 36	3	74,030,761	74,097,623	4	2	6	0
Case 36	3	74,098,901	90,442,925	2	2	4	0
Case 36	3	93,537,290	141,240,182	2	2	4	0
Case 36	3	141,270,985	141,341,000	2	0	2	1
Case 36	3	141,342,951	141,952,543	3	0	3	1
Case 36	3	141,952,871	142,280,106	2	0	2	1
Case 36	3	142,281,252	143,372,266	3	0	3	1
Case 36	3	143,380,236	154,405,414	2	2	4	0
Case 36	3	154,412,877	154,859,862	2	0	2	1
Case 36	3	154,860,064	155,481,319	3	0	3	1
Case 36	3	155,481,320	155,551,990	2	0	2	1
Case 36	3	155,560,337	168,742,461	2	2	4	0
Case 36	3	168,743,995	169,416,569	5	2	7	0
Case 36	3	169,420,117	169,680,664	5	1	6	0
Case 36	3	169,682,202	170,184,132	5	2	7	0
Case 36	3	170,184,949	170,217,126	5	1	6	0
Case 36	3	170,217,252	179,247,185	5	2	7	0
Case 36	3	179,247,616	179,579,536	5	1	6	0
Case 36	3	179,592,147	180,073,549	5	2	7	0
Case 36	3	180,076,400	180,386,213	5	1	6	0
Case 36	3	180,396,974	182,727,097	5	2	7	0
Case 36	3	182,727,752	185,214,626	5	1	6	0
Case 36	3	185,214,740	185,811,495	5	2	7	0
Case 36	3	185,813,708	187,810,765	5	1	6	0
Case 36	3	187,814,477	188,302,851	5	2	7	0
Case 36	3	188,305,629	189,010,687	5	1	6	0
Case 36	3	189,010,993	193,029,725	5	2	7	0
Case 36	3	193,031,875	193,152,408	5	1	6	0
Case 36	3	193,152,594	193,713,770	5	2	7	0
Case 36	3	193,715,150	195,310,679	5	1	6	0
Case 36	3	195,424,739	195,518,330	3	2	5	0

Case 36	3	195,519,857	197,838,262	5	1	6	0
Case 36	4	71,566	20,493,434	4	0	4	1
Case 36	4	20,495,135	20,599,796	3	0	3	1
Case 36	4	20,601,311	20,731,737	2	0	2	1
Case 36	4	20,732,334	25,119,575	3	0	3	1
Case 36	4	25,123,344	25,203,905	2	0	2	1
Case 36	4	25,204,724	25,707,422	3	0	3	1
Case 36	4	25,717,754	25,717,754	1	1	2	0
Case 36	4	25,721,489	25,734,246	0	0	0	0
Case 36	4	25,740,206	25,758,995	1	1	2	0
Case 36	4	25,759,334	27,592,104	3	0	3	1
Case 36	4	27,595,859	30,633,334	2	0	2	1
Case 36	4	30,633,835	31,306,116	3	0	3	1
Case 36	4	31,313,352	35,870,854	2	0	2	1
Case 36	4	35,873,240	36,118,703	3	0	3	1
Case 36	4	36,119,788	36,250,842	2	0	2	1
Case 36	4	36,260,279	36,979,771	3	0	3	1
Case 36	4	36,980,142	37,091,905	2	0	2	1
Case 36	4	37,094,678	37,949,311	3	0	3	1
Case 36	4	37,955,351	37,970,850	4	0	4	1
Case 36	4	37,971,275	39,162,457	3	0	3	1
Case 36	4	39,174,790	39,257,482	2	0	2	1
Case 36	4	39,263,814	40,122,771	3	0	3	1
Case 36	4	40,122,958	40,154,495	2	0	2	1
Case 36	4	40,158,464	43,192,298	3	0	3	1
Case 36	4	43,197,962	43,502,330	2	0	2	1
Case 36	4	43,520,590	43,786,489	3	0	3	1
Case 36	4	43,791,881	44,785,999	2	0	2	1
Case 36	4	44,802,221	44,955,964	3	0	3	1
Case 36	4	44,964,929	46,055,478	2	0	2	1
Case 36	4	46,072,596	46,447,918	3	0	3	1
Case 36	4	46,455,805	47,282,643	2	0	2	1
Case 36	4	47,284,233	47,421,325	3	0	3	1
Case 36	4	47,427,873	47,544,012	2	0	2	1
Case 36	4	47,544,947	48,490,939	3	0	3	1
Case 36	4	48,491,010	48,910,970	2	0	2	1
Case 36	4	48,912,028	49,620,898	3	0	3	1
Case 36	4	52,697,856	52,728,640	3	0	3	1
Case 36	4	52,729,610	52,765,500	2	0	2	1
Case 36	4	52,778,163	56,308,687	3	0	3	1
Case 36	4	56,309,862	56,466,734	2	0	2	1
Case 36	4	56,468,485	56,786,831	3	0	3	1
Case 36	4	56,789,617	56,886,856	2	0	2	1
Case 36	4	56,886,891	59,275,372	3	0	3	1
Case 36	4	59,279,104	62,585,789	2	0	2	1
Case 36	4	62,586,313	62,761,464	3	0	3	1
Case 36	4	62,766,445	62,895,592	2	0	2	1
Case 36	4	62,911,349	63,331,949	3	0	3	1
Case 36	4	63,338,415	67,774,097	2	0	2	1
Case 36	4	67,802,992	68,472,604	3	0	3	1
Case 36	4	68,480,525	68,791,400	2	0	2	1
Case 36	4	68,795,290	68,964,683	3	0	3	1
Case 36	4	68,964,724	69,833,099	2	0	2	1
Case 36	4	69,850,452	70,341,550	3	0	3	1
Case 36	4	70,345,608	70,716,627	2	0	2	1
Case 36	4	70,718,005	70,756,086	3	0	3	1
Case 36	4	70,759,142	71,045,118	2	0	2	1
Case 36	4	71,046,288	72,338,589	3	0	3	1
Case 36	4	72,338,684	72,481,753	2	0	2	1
Case 36	4	72,497,189	74,300,880	3	0	3	1
Case 36	4	74,301,313	74,464,386	2	0	2	1



Case 36	4	74,465,877	75,243,702	3	0	3	1
Case 36	4	75,246,762	75,258,429	2	0	2	1
Case 36	4	75,258,678	76,697,211	3	0	3	1
Case 36	4	76,698,424	76,797,652	2	0	2	1
Case 36	4	76,797,739	78,669,471	3	0	3	1
Case 36	4	78,669,490	78,875,974	2	0	2	1
Case 36	4	78,879,461	79,710,989	3	0	3	1
Case 36	4	79,720,870	79,808,433	2	0	2	1
Case 36	4	79,813,622	79,915,288	3	0	3	1
Case 36	4	79,924,121	80,217,741	2	0	2	1
Case 36	4	80,226,156	80,933,225	3	0	3	1
Case 36	4	80,940,081	80,996,125	2	0	2	1
Case 36	4	81,001,542	83,765,643	3	0	3	1
Case 36	4	83,770,027	83,839,352	2	0	2	1
Case 36	4	83,839,374	84,347,155	3	0	3	1
Case 36	4	84,347,243	84,368,068	2	0	2	1
Case 36	4	84,368,630	85,612,737	3	0	3	1
Case 36	4	85,612,894	85,803,607	2	0	2	1
Case 36	4	85,824,232	88,191,100	3	0	3	1
Case 36	4	88,198,088	88,392,755	2	0	2	1
Case 36	4	88,393,780	89,299,174	3	0	3	1
Case 36	4	89,300,101	89,452,479	2	0	2	1
Case 36	4	89,453,522	90,770,255	3	0	3	1
Case 36	4	90,770,408	93,035,922	2	0	2	1
Case 36	4	93,044,488	93,354,048	3	0	3	1
Case 36	4	93,368,860	94,242,858	2	0	2	1
Case 36	4	94,251,270	94,775,266	3	0	3	1
Case 36	4	94,777,861	95,211,610	2	0	2	1
Case 36	4	95,212,185	96,397,988	3	0	3	1
Case 36	4	96,398,364	96,733,861	2	0	2	1
Case 36	4	96,734,419	96,762,459	3	0	3	1
Case 36	4	96,764,785	99,363,185	2	0	2	1
Case 36	4	99,364,621	100,460,524	3	0	3	1
Case 36	4	100,463,165	100,521,865	2	0	2	1
Case 36	4	100,532,497	100,772,603	3	0	3	1
Case 36	4	100,784,980	100,869,244	2	0	2	1
Case 36	4	100,872,365	101,342,922	3	0	3	1
Case 36	4	101,348,412	101,507,299	2	0	2	1
Case 36	4	101,508,622	101,971,451	3	0	3	1
Case 36	4	101,983,607	102,545,130	2	0	2	1
Case 36	4	102,548,422	102,726,005	3	0	3	1
Case 36	4	102,726,073	102,994,851	2	0	2	1
Case 36	4	102,995,263	103,560,963	3	0	3	1
Case 36	4	103,575,067	104,082,545	2	0	2	1
Case 36	4	104,098,605	104,288,620	3	0	3	1
Case 36	4	104,293,598	105,059,801	2	0	2	1
Case 36	4	105,061,061	106,263,681	3	0	3	1
Case 36	4	106,264,681	106,401,082	2	0	2	1
Case 36	4	106,408,926	106,559,378	3	0	3	1
Case 36	4	106,572,456	107,471,140	2	0	2	1
Case 36	4	107,477,804	107,588,257	3	0	3	1
Case 36	4	107,591,650	108,347,993	2	0	2	1
Case 36	4	108,356,085	110,388,034	3	0	3	1
Case 36	4	110,394,162	110,590,821	2	0	2	1
Case 36	4	110,593,460	112,217,944	3	0	3	1
Case 36	4	112,220,233	112,568,464	2	0	2	1
Case 36	4	112,576,171	113,433,294	3	0	3	1
Case 36	4	113,434,057	113,617,694	2	0	2	1
Case 36	4	113,622,050	113,989,119	3	0	3	1
Case 36	4	113,989,326	114,078,457	2	0	2	1
Case 36	4	114,078,812	114,373,068	3	0	3	1

Case 36	4	114,373,255	114,734,812	2	0	2	1
Case 36	4	114,736,267	115,605,064	3	0	3	1
Case 36	4	115,607,637	116,074,054	2	0	2	1
Case 36	4	116,074,962	116,291,436	3	0	3	1
Case 36	4	116,316,085	118,650,042	2	0	2	1
Case 36	4	118,651,823	120,063,715	3	0	3	1
Case 36	4	120,067,244	120,159,334	2	0	2	1
Case 36	4	120,166,520	120,946,927	3	0	3	1
Case 36	4	120,952,246	121,539,450	2	0	2	1
Case 36	4	121,545,138	122,350,537	3	0	3	1
Case 36	4	122,353,707	122,429,378	2	0	2	1
Case 36	4	122,430,844	122,744,067	3	0	3	1
Case 36	4	122,747,017	122,805,872	2	0	2	1
Case 36	4	122,806,228	123,027,723	3	0	3	1
Case 36	4	123,049,637	123,368,516	2	0	2	1
Case 36	4	123,370,387	124,810,078	3	0	3	1
Case 36	4	124,812,897	125,020,390	2	0	2	1
Case 36	4	125,034,218	125,465,163	3	0	3	1
Case 36	4	125,475,882	125,526,281	2	0	2	1
Case 36	4	125,531,787	125,675,055	3	0	3	1
Case 36	4	125,683,296	126,237,751	2	0	2	1
Case 36	4	126,238,090	126,242,519	3	0	3	1
Case 36	4	126,252,650	126,319,772	2	0	2	1
Case 36	4	126,320,038	126,434,087	3	0	3	1
Case 36	4	126,435,279	127,529,033	2	0	2	1
Case 36	4	127,529,360	127,610,903	3	0	3	1
Case 36	4	127,622,803	128,125,715	2	0	2	1
Case 36	4	128,132,034	128,651,726	3	0	3	1
Case 36	4	128,651,914	129,131,153	2	0	2	1
Case 36	4	129,131,162	129,793,559	3	0	3	1
Case 36	4	129,796,506	130,093,303	2	0	2	1
Case 36	4	130,095,095	130,412,286	3	0	3	1
Case 36	4	130,412,508	134,040,641	2	0	2	1
Case 36	4	134,046,930	134,074,058	3	0	3	1
Case 36	4	134,076,153	138,413,244	2	0	2	1
Case 36	4	138,415,363	138,455,637	3	0	3	1
Case 36	4	138,459,997	138,939,662	2	0	2	1
Case 36	4	138,943,184	139,153,535	3	0	3	1
Case 36	4	139,155,804	139,249,761	2	0	2	1
Case 36	4	139,253,392	141,237,134	3	0	3	1
Case 36	4	141,246,800	141,464,721	2	0	2	1
Case 36	4	141,465,244	143,634,746	3	0	3	1
Case 36	4	143,639,211	143,827,182	2	0	2	1
Case 36	4	143,835,306	144,106,782	3	0	3	1
Case 36	4	144,114,413	144,193,117	2	0	2	1
Case 36	4	144,193,695	144,950,193	3	0	3	1
Case 36	4	144,965,891	145,035,868	2	0	2	1
Case 36	4	145,040,841	145,434,744	3	0	3	1
Case 36	4	145,436,324	145,761,160	2	0	2	1
Case 36	4	145,770,167	148,554,421	3	0	3	1
Case 36	4	148,555,511	148,727,355	2	0	2	1
Case 36	4	148,733,764	150,202,672	3	0	3	1
Case 36	4	150,205,408	150,459,436	2	0	2	1
Case 36	4	150,473,832	151,210,761	3	0	3	1
Case 36	4	151,214,038	151,901,433	2	0	2	1
Case 36	4	151,918,331	153,252,061	3	0	3	1
Case 36	4	153,267,968	153,482,738	2	0	2	1
Case 36	4	153,485,919	155,430,666	3	0	3	1
Case 36	4	155,432,944	155,487,143	2	0	2	1
Case 36	4	155,487,644	155,507,382	3	0	3	1
Case 36	4	155,508,627	155,526,029	2	0	2	1

Case 36	4	155,527,145	155,968,437	3	0	3	1
Case 36	4	155,968,727	156,093,651	2	0	2	1
Case 36	4	156,103,755	156,261,667	3	0	3	1
Case 36	4	156,264,133	156,325,539	2	0	2	1
Case 36	4	156,340,491	156,598,008	3	0	3	1
Case 36	4	156,598,020	156,635,885	2	0	2	1
Case 36	4	156,637,266	156,688,928	3	0	3	1
Case 36	4	156,698,677	156,844,396	2	0	2	1
Case 36	4	156,846,087	157,130,289	3	0	3	1
Case 36	4	157,131,028	157,545,843	2	0	2	1
Case 36	4	157,548,520	158,264,622	3	0	3	1
Case 36	4	158,276,014	158,790,324	2	0	2	1
Case 36	4	158,793,663	160,857,395	3	0	3	1
Case 36	4	160,863,267	163,046,421	2	0	2	1
Case 36	4	163,048,238	163,281,348	3	0	3	1
Case 36	4	163,281,547	163,856,550	2	0	2	1
Case 36	4	163,856,962	165,225,070	3	0	3	1
Case 36	4	165,228,232	165,317,260	2	0	2	1
Case 36	4	165,317,732	165,697,040	3	0	3	1
Case 36	4	165,698,208	165,849,934	2	0	2	1
Case 36	4	165,851,057	167,099,916	3	0	3	1
Case 36	4	167,102,631	168,769,039	2	0	2	1
Case 36	4	168,793,863	168,955,983	3	0	3	1
Case 36	4	168,964,452	169,227,787	2	0	2	1
Case 36	4	169,227,811	169,324,016	3	0	3	1
Case 36	4	169,325,233	169,353,717	2	0	2	1
Case 36	4	169,358,017	170,312,589	3	0	3	1
Case 36	4	170,314,951	170,737,119	2	0	2	1
Case 36	4	170,740,266	171,663,745	3	0	3	1
Case 36	4	171,666,694	173,535,503	2	0	2	1
Case 36	4	173,541,374	175,149,943	3	0	3	1
Case 36	4	175,150,481	175,486,220	2	0	2	1
Case 36	4	175,491,648	175,610,550	3	0	3	1
Case 36	4	175,615,500	175,838,816	2	0	2	1
Case 36	4	175,839,432	176,018,734	3	0	3	1
Case 36	4	176,022,589	176,610,969	2	0	2	1
Case 36	4	176,612,351	177,006,043	3	0	3	1
Case 36	4	177,006,484	177,190,115	2	0	2	1
Case 36	4	177,190,117	177,478,482	3	0	3	1
Case 36	4	177,481,511	177,928,041	2	0	2	1
Case 36	4	177,952,118	178,793,689	3	0	3	1
Case 36	4	178,793,878	180,056,687	2	0	2	1
Case 36	4	180,063,431	180,298,293	3	0	3	1
Case 36	4	180,302,451	180,716,739	2	0	2	1
Case 36	4	180,718,982	180,819,809	3	0	3	1
Case 36	4	180,822,313	181,108,510	2	0	2	1
Case 36	4	181,118,760	181,215,239	3	0	3	1
Case 36	4	181,215,806	181,636,440	2	0	2	1
Case 36	4	181,637,915	181,850,257	3	0	3	1
Case 36	4	181,851,323	181,928,515	2	0	2	1
Case 36	4	181,929,211	183,484,147	3	0	3	1
Case 36	4	183,486,609	183,618,777	2	0	2	1
Case 36	4	183,622,901	184,587,424	3	0	3	1
Case 36	4	184,588,121	184,634,741	2	0	2	1
Case 36	4	184,638,760	185,569,730	3	0	3	1
Case 36	4	185,571,557	185,650,154	2	0	2	1
Case 36	4	185,650,821	186,320,906	3	0	3	1
Case 36	4	186,322,002	186,380,893	2	0	2	1
Case 36	4	186,381,043	189,812,524	3	0	3	1
Case 36	4	189,813,964	189,952,149	2	0	2	1
Case 36	4	189,957,977	190,963,766	3	0	3	1

Case 36	5	38,139	3,991,294	3	2	5	0
Case 36	5	3,992,147	4,474,589	5	2	7	0
Case 36	5	4,478,547	4,946,412	5	1	6	0
Case 36	5	4,948,424	5,235,201	5	2	7	0
Case 36	5	5,235,252	6,922,386	5	1	6	0
Case 36	5	6,940,857	7,815,809	5	2	7	0
Case 36	5	7,816,645	7,835,572	5	1	6	0
Case 36	5	7,837,861	7,866,822	5	2	7	0
Case 36	5	7,866,906	7,901,230	5	1	6	0
Case 36	5	7,909,907	10,226,839	5	2	7	0
Case 36	5	10,227,548	10,852,652	5	1	6	0
Case 36	5	10,853,693	10,965,031	5	2	7	0
Case 36	5	10,968,872	11,380,155	5	1	6	0
Case 36	5	11,381,138	13,752,311	5	2	7	0
Case 36	5	13,754,312	14,533,529	5	1	6	0
Case 36	5	14,534,994	16,491,052	5	2	7	0
Case 36	5	16,500,790	16,834,568	5	1	6	0
Case 36	5	16,836,005	18,529,071	5	2	7	0
Case 36	5	18,532,785	18,548,150	5	1	6	0
Case 36	5	18,561,967	24,868,417	3	2	5	0
Case 36	5	24,868,444	27,424,981	2	2	4	0
Case 36	5	27,447,863	36,473,237	3	2	5	0
Case 36	5	36,479,022	36,895,270	4	2	6	0
Case 36	5	36,900,843	46,399,093	3	2	5	0
Case 36	5	49,457,282	54,104,560	3	2	5	0
Case 36	5	54,118,833	54,603,822	3	0	3	1
Case 36	5	54,608,958	54,685,496	2	0	2	1
Case 36	5	54,696,117	58,543,332	3	0	3	1
Case 36	5	58,545,163	58,588,629	2	0	2	1
Case 36	5	58,589,499	60,127,724	3	0	3	1
Case 36	5	60,135,985	60,455,923	2	0	2	1
Case 36	5	60,455,968	61,566,896	3	0	3	1
Case 36	5	61,585,240	61,769,985	1	1	2	0
Case 36	5	61,772,530	61,772,569	0	0	0	0
Case 36	5	61,779,069	61,832,574	1	1	2	0
Case 36	5	61,854,650	64,484,802	3	0	3	1
Case 36	5	64,485,563	64,965,900	2	0	2	1
Case 36	5	64,968,615	65,288,668	3	0	3	1
Case 36	5	65,288,791	65,349,563	2	0	2	1
Case 36	5	65,349,671	70,805,292	3	0	3	1
Case 36	5	70,805,429	70,860,663	2	0	2	1
Case 36	5	70,862,059	71,930,656	3	0	3	1
Case 36	5	71,954,583	72,385,914	2	0	2	1
Case 36	5	72,386,139	74,034,400	3	0	3	1
Case 36	5	74,034,453	74,073,542	2	0	2	1
Case 36	5	74,076,210	74,869,748	3	0	3	1
Case 36	5	74,872,656	74,898,752	2	0	2	1
Case 36	5	74,907,412	74,967,386	3	0	3	1
Case 36	5	74,969,415	75,008,702	2	0	2	1
Case 36	5	75,014,916	75,856,455	3	0	3	1
Case 36	5	75,860,695	75,913,366	2	0	2	1
Case 36	5	75,913,784	76,319,894	3	0	3	1
Case 36	5	76,321,495	76,355,468	2	0	2	1
Case 36	5	76,355,524	76,736,793	3	0	3	1
Case 36	5	76,738,927	76,760,080	2	0	2	1
Case 36	5	76,760,612	77,277,337	3	0	3	1
Case 36	5	77,278,872	77,773,152	2	0	2	1
Case 36	5	77,782,912	79,732,608	3	0	3	1
Case 36	5	79,732,631	79,812,343	2	0	2	1
Case 36	5	79,815,529	80,012,251	3	0	3	1
Case 36	5	80,016,874	80,203,678	2	0	2	1

Case 36	5	80,206,473	82,383,876	3	0	3	1
Case 36	5	82,393,549	82,673,517	2	0	2	1
Case 36	5	82,673,682	82,934,554	3	0	3	1
Case 36	5	82,935,601	83,034,211	2	0	2	1
Case 36	5	83,036,792	83,508,667	3	0	3	1
Case 36	5	83,511,806	83,981,802	2	0	2	1
Case 36	5	83,983,783	83,988,022	3	2	5	0
Case 36	5	84,003,689	85,960,197	2	0	2	1
Case 36	5	85,961,838	86,078,660	3	0	3	1
Case 36	5	86,081,015	86,155,255	2	0	2	1
Case 36	5	86,158,455	86,539,266	3	0	3	1
Case 36	5	86,540,308	87,318,551	2	0	2	1
Case 36	5	87,342,183	88,184,003	3	0	3	1
Case 36	5	88,186,469	88,416,354	2	0	2	1
Case 36	5	88,421,363	89,546,109	3	0	3	1
Case 36	5	89,550,034	89,731,013	2	0	2	1
Case 36	5	89,737,187	89,897,229	3	0	3	1
Case 36	5	89,907,016	89,940,528	2	0	2	1
Case 36	5	89,943,433	89,994,983	3	0	3	1
Case 36	5	89,999,487	90,041,590	2	0	2	1
Case 36	5	90,043,898	90,826,101	3	0	3	1
Case 36	5	90,830,449	91,489,217	2	0	2	1
Case 36	5	91,499,442	92,849,721	3	0	3	1
Case 36	5	92,873,527	93,305,352	2	0	2	1
Case 36	5	93,311,456	93,780,422	3	0	3	1
Case 36	5	93,783,739	94,149,017	2	0	2	1
Case 36	5	94,150,212	94,772,576	3	0	3	1
Case 36	5	94,778,703	94,957,045	2	0	2	1
Case 36	5	94,959,876	95,234,350	3	0	3	1
Case 36	5	95,234,485	95,268,768	2	0	2	1
Case 36	5	95,277,555	97,099,320	3	0	3	1
Case 36	5	97,108,559	97,247,756	2	0	2	1
Case 36	5	97,248,326	98,131,505	3	0	3	1
Case 36	5	98,131,883	98,275,197	2	0	2	1
Case 36	5	98,286,819	98,888,857	3	0	3	1
Case 36	5	98,899,755	99,269,809	2	0	2	1
Case 36	5	99,270,055	99,479,714	3	0	3	1
Case 36	5	99,484,502	100,822,258	2	0	2	1
Case 36	5	100,832,707	100,948,545	3	0	3	1
Case 36	5	100,950,902	101,780,913	2	0	2	1
Case 36	5	101,782,930	102,353,284	3	0	3	1
Case 36	5	102,364,597	102,722,346	2	0	2	1
Case 36	5	102,725,095	103,269,694	3	0	3	1
Case 36	5	103,270,358	105,575,013	2	0	2	1
Case 36	5	105,590,047	106,090,828	3	0	3	1
Case 36	5	106,094,581	106,358,541	2	0	2	1
Case 36	5	106,359,882	106,971,568	3	0	3	1
Case 36	5	106,979,252	107,052,000	2	0	2	1
Case 36	5	107,065,898	108,076,725	3	0	3	1
Case 36	5	108,082,616	108,489,944	2	0	2	1
Case 36	5	108,502,493	109,049,221	3	0	3	1
Case 36	5	109,049,233	109,204,024	2	0	2	1
Case 36	5	109,209,323	109,452,238	3	0	3	1
Case 36	5	109,462,521	110,092,412	2	0	2	1
Case 36	5	110,093,673	110,352,447	3	0	3	1
Case 36	5	110,355,405	110,478,926	2	0	2	1
Case 36	5	110,481,203	112,007,180	3	0	3	1
Case 36	5	112,008,440	112,164,561	2	0	2	1
Case 36	5	112,170,729	112,848,767	3	0	3	1
Case 36	5	112,849,608	112,977,399	2	0	2	1
Case 36	5	112,979,910	115,423,531	3	0	3	1

Case 36	5	115,425,203	115,547,937	2	0	2	1
Case 36	5	115,548,435	117,239,768	3	0	3	1
Case 36	5	117,241,490	117,610,910	2	0	2	1
Case 36	5	117,612,080	118,485,949	3	0	3	1
Case 36	5	118,487,729	118,530,872	2	0	2	1
Case 36	5	118,532,034	119,635,847	3	0	3	1
Case 36	5	119,636,391	119,950,084	2	0	2	1
Case 36	5	119,951,494	120,183,320	3	0	3	1
Case 36	5	120,198,311	120,328,270	2	0	2	1
Case 36	5	120,331,625	120,369,695	3	0	3	1
Case 36	5	120,371,760	121,418,545	2	0	2	1
Case 36	5	121,419,259	124,217,262	3	0	3	1
Case 36	5	124,222,305	124,254,518	2	0	2	1
Case 36	5	124,257,374	125,007,623	3	0	3	1
Case 36	5	125,008,619	125,137,593	2	0	2	1
Case 36	5	125,139,660	128,302,288	3	0	3	1
Case 36	5	128,302,850	128,400,356	2	0	2	1
Case 36	5	128,404,226	128,760,076	3	0	3	1
Case 36	5	128,768,047	130,091,947	2	0	2	1
Case 36	5	130,096,260	131,008,086	3	0	3	1
Case 36	5	131,008,194	131,294,966	2	0	2	1
Case 36	5	131,296,236	131,915,612	3	0	3	1
Case 36	5	131,915,673	131,953,850	2	0	2	1
Case 36	5	131,965,179	135,272,418	3	0	3	1
Case 36	5	135,272,474	135,276,319	2	0	2	1
Case 36	5	135,276,701	137,226,344	3	0	3	1
Case 36	5	137,228,219	137,259,179	2	0	2	1
Case 36	5	137,260,747	139,931,617	3	0	3	1
Case 36	5	139,931,618	139,931,652	2	0	2	1
Case 36	5	139,931,653	142,639,062	3	0	3	1
Case 36	5	142,640,901	142,779,000	2	0	2	1
Case 36	5	142,779,317	148,870,100	3	0	3	1
Case 36	5	148,873,854	148,978,105	2	0	2	1
Case 36	5	148,980,675	150,253,104	3	0	3	1
Case 36	5	150,254,041	150,277,111	2	0	2	1
Case 36	5	150,278,587	161,248,654	3	0	3	1
Case 36	5	161,259,369	161,536,928	2	0	2	1
Case 36	5	161,537,130	162,426,738	3	0	3	1
Case 36	5	162,440,022	162,748,604	2	0	2	1
Case 36	5	162,750,370	162,867,195	3	0	3	1
Case 36	5	162,868,171	162,973,665	2	0	2	1
Case 36	5	162,977,152	163,533,508	3	0	3	1
Case 36	5	163,541,120	164,461,215	2	0	2	1
Case 36	5	164,462,079	164,695,671	3	0	3	1
Case 36	5	164,696,018	165,017,751	2	0	2	1
Case 36	5	165,022,916	165,087,285	3	0	3	1
Case 36	5	165,093,364	165,582,883	2	0	2	1
Case 36	5	165,587,047	165,752,952	3	0	3	1
Case 36	5	165,753,097	166,089,387	2	0	2	1
Case 36	5	166,093,550	169,014,301	3	0	3	1
Case 36	5	169,015,433	169,026,043	2	0	2	1
Case 36	5	169,028,316	170,283,091	3	0	3	1
Case 36	5	170,305,138	170,467,972	2	0	2	1
Case 36	5	170,499,222	177,905,384	3	0	3	1
Case 36	5	177,906,089	180,693,127	4	0	4	1
Case 36	6	108,666	256,281	3	0	3	1
Case 36	6	274,847	378,970	4	0	4	1
Case 36	6	380,341	4,986,250	3	0	3	1
Case 36	6	4,991,024	5,000,840	2	0	2	1
Case 36	6	5,002,737	5,534,271	3	0	3	1
Case 36	6	5,541,761	5,567,978	2	0	2	1

Case 36	6	5,568,083	6,677,443	3	0	3	1
Case 36	6	6,679,166	6,684,357	4	0	4	1
Case 36	6	6,692,142	6,823,174	1	0	1	0
Case 36	6	6,824,153	6,834,674	4	0	4	1
Case 36	6	6,836,159	7,357,849	3	0	3	1
Case 36	6	7,365,727	7,424,510	2	0	2	1
Case 36	6	7,427,198	8,380,193	3	0	3	1
Case 36	6	8,381,005	8,546,104	2	0	2	1
Case 36	6	8,555,544	9,142,017	3	0	3	1
Case 36	6	9,142,208	9,479,015	2	0	2	1
Case 36	6	9,479,371	11,664,422	3	0	3	1
Case 36	6	11,667,796	11,667,796	4	0	4	1
Case 36	6	11,677,538	12,163,831	1	0	1	0
Case 36	6	12,164,224	12,164,348	4	0	4	1
Case 36	6	12,164,456	12,616,996	1	0	1	0
Case 36	6	12,618,970	12,618,970	4	0	4	1
Case 36	6	12,627,866	13,343,257	3	0	3	1
Case 36	6	13,343,870	13,727,788	2	0	2	1
Case 36	6	13,733,565	14,579,439	3	0	3	1
Case 36	6	14,579,707	14,614,112	2	0	2	1
Case 36	6	14,615,489	15,539,010	3	0	3	1
Case 36	6	15,546,213	15,819,455	2	0	2	1
Case 36	6	15,820,425	16,795,923	3	0	3	1
Case 36	6	16,796,614	16,819,108	2	0	2	1
Case 36	6	16,821,679	17,102,858	3	0	3	1
Case 36	6	17,103,517	17,426,858	2	0	2	1
Case 36	6	17,427,133	17,507,935	3	0	3	1
Case 36	6	17,510,429	17,706,404	2	0	2	1
Case 36	6	17,706,524	18,119,477	3	0	3	1
Case 36	6	18,121,314	18,157,968	2	0	2	1
Case 36	6	18,161,559	18,791,723	3	0	3	1
Case 36	6	18,793,472	19,966,473	2	0	2	1
Case 36	6	19,966,649	20,482,411	3	0	3	1
Case 36	6	20,485,898	21,212,926	2	0	2	1
Case 36	6	21,213,307	22,818,550	3	0	3	1
Case 36	6	22,825,009	23,027,242	2	0	2	1
Case 36	6	23,029,696	24,353,742	3	0	3	1
Case 36	6	24,354,045	24,404,405	2	0	2	1
Case 36	6	24,405,120	26,010,881	3	0	3	1
Case 36	6	26,016,462	26,027,135	3	2	5	0
Case 36	6	26,027,306	26,598,188	4	0	4	1
Case 36	6	26,598,418	27,277,665	3	2	5	0
Case 36	6	27,277,716	27,879,715	2	2	4	0
Case 36	6	27,879,869	28,026,077	3	2	5	0
Case 36	6	28,027,688	28,251,925	2	2	4	0
Case 36	6	28,252,859	29,364,325	3	2	5	0
Case 36	6	29,364,508	29,456,654	4	0	4	1
Case 36	6	29,458,241	29,458,241	6	0	6	1
Case 36	6	29,458,477	29,913,542	5	0	5	1
Case 36	6	29,913,727	29,938,258	4	0	4	1
Case 36	6	29,938,777	29,938,777	6	0	6	1
Case 36	6	29,938,932	30,633,323	5	0	5	1
Case 36	6	30,633,377	30,712,298	4	0	4	1
Case 36	6	30,712,327	31,084,787	3	2	5	0
Case 36	6	31,084,792	31,128,552	2	2	4	0
Case 36	6	31,129,265	31,356,574	3	2	5	0
Case 36	6	31,360,255	31,453,640	2	0	2	1
Case 36	6	31,456,567	31,734,345	3	2	5	0
Case 36	6	31,734,367	31,807,489	2	2	4	0
Case 36	6	31,807,540	31,996,614	3	2	5	0
Case 36	6	32,005,904	32,165,201	2	2	4	0

Case 36	6	32,165,300	33,026,246	3	2	5	0
Case 36	6	33,030,112	33,429,952	4	0	4	1
Case 36	6	33,430,950	41,533,579	3	2	5	0
Case 36	6	41,533,595	42,025,058	2	2	4	0
Case 36	6	42,025,210	42,993,027	3	2	5	0
Case 36	6	42,993,788	43,488,108	2	2	4	0
Case 36	6	43,488,144	44,200,953	3	2	5	0
Case 36	6	44,201,182	44,273,412	2	2	4	0
Case 36	6	44,273,546	58,752,089	3	2	5	0
Case 36	6	61,891,118	72,385,311	3	2	5	0
Case 36	6	72,406,319	72,727,772	3	0	3	1
Case 36	6	72,729,528	73,495,941	2	0	2	1
Case 36	6	73,506,104	75,319,716	3	0	3	1
Case 36	6	75,320,927	75,559,326	2	0	2	1
Case 36	6	75,560,968	75,740,176	3	0	3	1
Case 36	6	75,745,190	75,840,120	2	0	2	1
Case 36	6	75,840,573	76,265,642	3	0	3	1
Case 36	6	76,271,141	76,450,023	2	0	2	1
Case 36	6	76,458,378	77,577,055	3	0	3	1
Case 36	6	77,587,889	78,134,695	2	0	2	1
Case 36	6	78,136,686	78,524,718	3	0	3	1
Case 36	6	78,526,794	79,378,422	2	0	2	1
Case 36	6	79,379,460	79,595,096	3	0	3	1
Case 36	6	79,595,097	79,856,630	2	0	2	1
Case 36	6	79,859,877	80,582,193	3	0	3	1
Case 36	6	80,590,664	80,765,111	2	0	2	1
Case 36	6	80,775,330	81,026,899	3	0	3	1
Case 36	6	81,030,941	81,070,372	2	0	2	1
Case 36	6	81,072,063	81,708,701	3	0	3	1
Case 36	6	81,710,053	82,149,482	2	0	2	1
Case 36	6	82,159,696	82,856,409	3	0	3	1
Case 36	6	82,857,374	82,950,189	2	0	2	1
Case 36	6	82,958,246	83,728,759	3	0	3	1
Case 36	6	83,733,785	84,117,512	2	0	2	1
Case 36	6	84,119,361	84,264,333	3	0	3	1
Case 36	6	84,265,264	84,695,944	2	0	2	1
Case 36	6	84,698,353	84,871,572	3	0	3	1
Case 36	6	84,879,058	84,930,825	2	0	2	1
Case 36	6	84,935,635	86,203,585	3	0	3	1
Case 36	6	86,203,963	86,284,078	2	0	2	1
Case 36	6	86,289,415	88,140,811	3	0	3	1
Case 36	6	88,140,844	88,345,048	2	0	2	1
Case 36	6	88,346,164	90,541,969	3	0	3	1
Case 36	6	90,544,486	90,576,723	2	0	2	1
Case 36	6	90,577,712	92,155,955	3	0	3	1
Case 36	6	92,164,986	93,488,364	2	0	2	1
Case 36	6	93,491,572	93,566,127	3	0	3	1
Case 36	6	93,571,654	97,120,254	2	0	2	1
Case 36	6	97,120,756	97,613,321	3	0	3	1
Case 36	6	97,616,053	97,720,648	2	0	2	1
Case 36	6	97,722,634	99,270,438	3	0	3	1
Case 36	6	99,270,533	99,365,582	2	0	2	1
Case 36	6	99,374,400	99,804,157	3	0	3	1
Case 36	6	99,806,408	99,936,165	2	0	2	1
Case 36	6	99,939,045	100,964,057	3	0	3	1
Case 36	6	100,964,063	101,275,792	2	0	2	1
Case 36	6	101,295,873	101,989,945	3	0	3	1
Case 36	6	101,990,259	104,587,040	2	0	2	1
Case 36	6	104,592,769	105,173,534	3	0	3	1
Case 36	6	105,180,893	105,352,035	2	0	2	1
Case 36	6	105,378,954	109,274,497	3	0	3	1



Case 36	6	109,274,514	109,524,939	2	0	2	1
Case 36	6	109,524,979	109,771,258	3	0	3	1
Case 36	6	109,771,583	109,946,561	2	0	2	1
Case 36	6	109,951,180	110,396,540	3	0	3	1
Case 36	6	110,401,183	110,532,805	2	0	2	1
Case 36	6	110,533,410	111,695,268	3	0	3	1
Case 36	6	111,695,281	111,784,919	2	0	2	1
Case 36	6	111,809,796	112,389,600	3	0	3	1
Case 36	6	112,390,565	112,397,665	2	0	2	1
Case 36	6	112,399,750	112,810,278	3	0	3	1
Case 36	6	112,818,452	113,562,376	2	0	2	1
Case 36	6	113,564,702	114,846,123	3	0	3	1
Case 36	6	114,848,711	115,967,305	2	0	2	1
Case 36	6	115,975,295	116,423,299	3	0	3	1
Case 36	6	116,429,582	116,451,442	2	0	2	1
Case 36	6	116,452,203	116,972,117	3	0	3	1
Case 36	6	116,972,865	117,080,851	2	0	2	1
Case 36	6	117,081,057	117,297,513	3	0	3	1
Case 36	6	117,303,710	117,522,819	2	0	2	1
Case 36	6	117,525,530	117,842,698	3	0	3	1
Case 36	6	117,844,072	117,860,508	2	0	2	1
Case 36	6	117,861,891	118,790,266	3	0	3	1
Case 36	6	118,791,750	118,886,615	2	0	2	1
Case 36	6	118,886,886	120,248,560	3	0	3	1
Case 36	6	120,250,121	121,117,917	2	0	2	1
Case 36	6	121,118,144	121,313,346	3	0	3	1
Case 36	6	121,320,685	121,625,975	2	0	2	1
Case 36	6	121,629,167	121,857,609	3	0	3	1
Case 36	6	121,860,207	122,296,892	2	0	2	1
Case 36	6	122,296,944	122,537,218	3	0	3	1
Case 36	6	122,537,787	122,774,962	2	0	2	1
Case 36	6	122,778,986	123,552,306	3	0	3	1
Case 36	6	123,556,891	124,029,779	2	0	2	1
Case 36	6	124,032,062	124,163,015	3	0	3	1
Case 36	6	124,166,282	124,935,890	2	0	2	1
Case 36	6	124,937,930	127,456,122	3	0	3	1
Case 36	6	127,460,591	127,761,157	2	0	2	1
Case 36	6	127,764,305	130,188,359	3	0	3	1
Case 36	6	130,190,531	130,222,234	2	0	2	1
Case 36	6	130,231,608	131,470,839	3	0	3	1
Case 36	6	131,476,528	131,490,472	2	0	2	1
Case 36	6	131,498,603	132,482,287	3	0	3	1
Case 36	6	132,483,263	132,618,991	2	0	2	1
Case 36	6	132,623,184	135,123,681	3	0	3	1
Case 36	6	135,128,858	137,970,840	3	2	5	0
Case 36	6	137,973,068	141,325,406	2	2	4	0
Case 36	6	141,332,731	149,329,220	3	2	5	0
Case 36	6	149,329,267	159,539,213	2	2	4	0
Case 36	6	159,548,276	165,506,033	3	0	3	1
Case 36	6	165,508,286	165,530,602	2	0	2	1
Case 36	6	165,533,455	165,802,561	3	0	3	1
Case 36	6	165,808,429	165,930,153	2	0	2	1
Case 36	6	165,932,290	167,383,075	3	0	3	1
Case 36	6	167,397,614	167,435,325	2	0	2	1
Case 36	6	167,435,928	168,439,394	3	0	3	1
Case 36	6	168,440,640	168,465,667	2	0	2	1
Case 36	6	168,465,693	170,099,398	3	0	3	1
Case 36	6	170,101,841	170,151,758	2	0	2	1
Case 36	6	170,152,991	170,980,171	3	0	3	1
Case 36	7	44,935	68,920	3	2	5	0
Case 36	7	83,185	3,071,195	3	0	3	1

Case 36	7	3,072,215	3,223,846	4	0	4	1
Case 36	7	3,224,002	4,560,681	3	0	3	1
Case 36	7	4,563,881	5,545,427	2	0	2	1
Case 36	7	5,562,740	10,000,210	4	1	5	0
Case 36	7	10,001,320	10,044,734	3	2	5	0
Case 36	7	10,054,784	10,093,480	2	0	2	1
Case 36	7	10,096,250	16,846,624	4	1	5	0
Case 36	7	16,847,745	21,446,473	4	2	6	0
Case 36	7	21,449,367	21,449,367	2	2	4	0
Case 36	7	21,449,418	21,880,186	3	2	5	0
Case 36	7	21,881,548	22,191,936	4	2	6	0
Case 36	7	22,194,105	38,292,663	2	2	4	0
Case 36	7	38,297,145	38,412,022	3	2	5	0
Case 36	7	38,412,988	58,019,061	2	2	4	0
Case 36	7	61,056,053	87,229,931	2	2	4	0
Case 36	7	87,230,107	87,239,351	4	2	6	0
Case 36	7	87,244,960	94,997,953	2	2	4	0
Case 36	7	94,999,110	95,082,010	4	2	6	0
Case 36	7	95,084,622	117,828,710	2	2	4	0
Case 36	7	117,832,138	117,879,968	3	2	5	0
Case 36	7	117,903,588	128,088,973	2	2	4	0
Case 36	7	128,097,359	128,880,489	3	0	3	1
Case 36	7	128,932,749	135,661,332	2	2	4	0
Case 36	7	135,675,538	136,421,981	4	2	6	0
Case 36	7	136,426,247	143,217,190	2	2	4	0
Case 36	7	143,425,378	145,171,914	3	0	3	1
Case 36	7	145,175,716	145,333,229	2	0	2	1
Case 36	7	145,334,673	145,346,374	3	0	3	1
Case 36	7	145,353,563	159,119,486	4	0	4	1
Case 36	8	164,984	195,254	3	0	3	1
Case 36	8	195,338	200,898	2	0	2	1
Case 36	8	202,842	408,396	3	0	3	1
Case 36	8	408,419	443,959	2	0	2	1
Case 36	8	444,485	2,781,277	3	0	3	1
Case 36	8	2,783,183	2,827,657	2	0	2	1
Case 36	8	2,830,672	3,200,119	3	0	3	1
Case 36	8	3,200,869	3,224,276	2	0	2	1
Case 36	8	3,224,430	3,585,967	3	0	3	1
Case 36	8	3,586,010	3,620,935	2	0	2	1
Case 36	8	3,621,844	3,775,951	3	0	3	1
Case 36	8	3,778,054	3,801,902	2	0	2	1
Case 36	8	3,803,623	3,965,925	3	0	3	1
Case 36	8	3,967,931	4,000,329	2	0	2	1
Case 36	8	4,002,031	4,027,930	3	0	3	1
Case 36	8	4,028,497	4,075,796	2	0	2	1
Case 36	8	4,076,758	4,391,037	3	0	3	1
Case 36	8	4,391,377	4,476,957	2	0	2	1
Case 36	8	4,480,667	4,707,735	3	0	3	1
Case 36	8	4,710,970	4,824,577	2	0	2	1
Case 36	8	4,826,467	5,138,892	3	0	3	1
Case 36	8	5,140,102	5,187,640	2	0	2	1
Case 36	8	5,189,722	5,425,625	3	0	3	1
Case 36	8	5,427,730	5,454,376	2	0	2	1
Case 36	8	5,456,234	5,528,849	3	0	3	1
Case 36	8	5,529,622	5,549,438	2	0	2	1
Case 36	8	5,549,469	5,652,595	3	0	3	1
Case 36	8	5,654,482	5,793,832	2	0	2	1
Case 36	8	5,794,525	6,293,568	3	0	3	1
Case 36	8	6,296,482	6,303,409	2	0	2	1
Case 36	8	6,307,492	9,438,928	3	0	3	1
Case 36	8	9,442,027	9,623,278	2	0	2	1

Case 36	8	9,634,229	12,554,743	3	0	3	1
Case 36	8	12,559,475	12,603,472	2	0	2	1
Case 36	8	12,606,760	12,876,558	3	0	3	1
Case 36	8	12,878,631	12,879,157	2	0	2	1
Case 36	8	12,879,198	13,610,731	3	0	3	1
Case 36	8	13,613,335	14,451,068	2	0	2	1
Case 36	8	14,451,137	14,508,593	3	0	3	1
Case 36	8	14,508,908	14,844,324	2	0	2	1
Case 36	8	14,848,938	14,956,717	3	0	3	1
Case 36	8	14,962,494	15,237,056	2	0	2	1
Case 36	8	15,238,678	15,313,497	3	0	3	1
Case 36	8	15,314,352	15,482,653	2	0	2	1
Case 36	8	15,488,238	15,511,767	3	0	3	1
Case 36	8	15,523,366	15,738,015	2	0	2	1
Case 36	8	15,742,366	15,791,633	3	0	3	1
Case 36	8	15,792,451	15,933,011	2	0	2	1
Case 36	8	15,934,868	16,850,601	3	0	3	1
Case 36	8	16,850,694	16,978,400	2	0	2	1
Case 36	8	16,982,443	17,738,049	3	0	3	1
Case 36	8	17,739,538	17,753,872	2	0	2	1
Case 36	8	17,754,461	17,804,719	3	0	3	1
Case 36	8	17,804,768	17,887,205	2	0	2	1
Case 36	8	17,888,770	20,038,418	3	0	3	1
Case 36	8	20,038,445	20,071,503	2	0	2	1
Case 36	8	20,078,643	21,970,230	3	0	3	1
Case 36	8	21,971,141	21,996,556	2	0	2	1
Case 36	8	22,001,072	25,327,421	3	0	3	1
Case 36	8	25,337,458	25,364,811	2	0	2	1
Case 36	8	25,364,889	27,630,152	3	0	3	1
Case 36	8	27,633,972	27,690,627	2	0	2	1
Case 36	8	27,702,453	30,704,681	3	0	3	1
Case 36	8	30,704,897	30,705,909	2	0	2	1
Case 36	8	30,706,059	30,933,799	3	0	3	1
Case 36	8	30,936,356	31,004,607	2	0	2	1
Case 36	8	31,008,747	37,963,081	3	0	3	1
Case 36	8	37,963,239	38,025,175	4	0	4	1
Case 36	8	38,027,519	38,869,833	3	0	3	1
Case 36	8	38,871,509	39,141,120	2	0	2	1
Case 36	8	39,142,264	39,194,984	3	0	3	1
Case 36	8	39,195,489	39,782,839	2	0	2	1
Case 36	8	39,785,321	43,147,309	3	0	3	1
Case 36	8	43,147,398	43,791,691	2	0	2	1
Case 36	8	46,886,735	47,472,201	2	0	2	1
Case 36	8	47,491,073	49,987,801	3	0	3	1
Case 36	8	49,988,587	52,157,579	2	0	2	1
Case 36	8	52,157,888	53,434,613	3	0	3	1
Case 36	8	53,436,131	53,809,456	2	0	2	1
Case 36	8	53,810,264	59,873,636	3	0	3	1
Case 36	8	59,882,421	60,018,743	2	0	2	1
Case 36	8	60,021,908	60,470,686	3	0	3	1
Case 36	8	60,476,673	60,753,118	2	0	2	1
Case 36	8	60,756,918	62,795,087	3	0	3	1
Case 36	8	62,803,036	63,033,016	2	0	2	1
Case 36	8	63,039,751	63,614,581	3	0	3	1
Case 36	8	63,635,874	63,676,101	2	0	2	1
Case 36	8	63,691,194	64,505,710	3	0	3	1
Case 36	8	64,508,587	65,008,255	2	0	2	1
Case 36	8	65,014,043	125,792,809	2	2	4	0
Case 36	8	125,797,266	128,713,873	4	2	6	0
Case 36	8	128,718,068	129,046,208	3	2	5	0
Case 36	8	129,047,325	132,996,359	4	2	6	0

Case 36	8	132,996,525	134,492,551	3	2	5	0
Case 36	8	134,494,524	138,964,007	4	2	6	0
Case 36	8	138,967,803	140,516,541	3	2	5	0
Case 36	8	140,519,341	140,843,167	4	2	6	0
Case 36	8	140,847,892	140,847,892	2	2	4	0
Case 36	8	140,848,850	144,620,861	3	2	5	0
Case 36	8	144,620,891	144,620,891	2	0	2	1
Case 36	8	144,620,900	146,293,414	4	1	5	0
Case 36	9	46,587	3,370,160	4	0	4	1
Case 36	9	3,378,048	4,860,943	3	0	3	1
Case 36	9	4,861,479	4,921,824	4	0	4	1
Case 36	9	4,926,113	5,022,807	3	0	3	1
Case 36	9	5,029,893	20,670,187	4	0	4	1
Case 36	9	20,670,573	20,670,573	3	0	3	1
Case 36	9	20,676,454	20,676,454	1	1	2	0
Case 36	9	20,690,387	21,129,719	0	0	0	0
Case 36	9	21,132,664	21,139,896	1	1	2	0
Case 36	9	21,141,080	21,163,761	0	0	0	0
Case 36	9	21,166,004	21,166,270	1	1	2	0
Case 36	9	21,170,595	21,198,384	0	0	0	0
Case 36	9	21,199,680	21,239,706	1	1	2	0
Case 36	9	21,239,720	21,555,445	0	0	0	0
Case 36	9	21,565,674	21,606,786	1	1	2	0
Case 36	9	21,611,256	21,826,387	0	0	0	0
Case 36	9	21,830,479	21,853,221	1	1	2	0
Case 36	9	21,854,199	21,855,038	0	0	0	0
Case 36	9	21,856,777	21,902,354	1	1	2	0
Case 36	9	21,909,979	22,145,694	0	0	0	0
Case 36	9	22,151,465	22,155,709	1	1	2	0
Case 36	9	22,157,908	22,451,501	0	0	0	0
Case 36	9	22,451,581	22,451,906	1	1	2	0
Case 36	9	22,454,125	24,511,918	0	0	0	0
Case 36	9	24,515,111	24,515,111	1	1	2	0
Case 36	9	24,522,869	24,522,869	3	0	3	1
Case 36	9	24,527,357	33,629,249	4	0	4	1
Case 36	9	33,633,838	34,241,681	3	0	3	1
Case 36	9	34,242,106	35,310,492	4	0	4	1
Case 36	9	35,343,563	36,314,530	3	2	5	0
Case 36	9	36,315,900	37,395,039	4	2	6	0
Case 36	9	37,395,138	38,235,659	3	2	5	0
Case 36	9	38,244,221	39,098,698	4	2	6	0
Case 36	9	39,103,743	40,800,551	2	2	4	0
Case 36	9	41,290,880	46,944,322	3	2	5	0
Case 36	9	65,629,772	69,238,239	3	2	5	0
Case 36	9	69,355,037	72,792,945	3	0	3	1
Case 36	9	72,833,310	72,979,121	2	0	2	1
Case 36	9	72,979,246	73,820,503	3	0	3	1
Case 36	9	73,828,288	73,929,083	2	0	2	1
Case 36	9	73,931,778	75,231,370	3	0	3	1
Case 36	9	75,232,433	75,537,298	2	0	2	1
Case 36	9	75,537,406	75,784,045	3	0	3	1
Case 36	9	75,784,264	76,433,950	2	0	2	1
Case 36	9	76,444,334	76,744,909	3	0	3	1
Case 36	9	76,753,271	76,969,241	2	0	2	1
Case 36	9	76,970,791	77,755,469	3	0	3	1
Case 36	9	77,758,636	77,808,519	2	0	2	1
Case 36	9	77,809,042	79,791,793	3	0	3	1
Case 36	9	79,802,986	80,020,875	2	0	2	1
Case 36	9	80,030,829	82,705,241	3	0	3	1
Case 36	9	82,706,489	83,044,102	2	0	2	1
Case 36	9	83,046,008	83,174,096	3	0	3	1

Case 36	9	83,174,331	83,441,767	2	0	2	1
Case 36	9	83,445,616	88,164,213	3	0	3	1
Case 36	9	88,167,035	88,242,953	2	0	2	1
Case 36	9	88,244,337	95,077,604	3	0	3	1
Case 36	9	95,077,688	95,258,739	2	0	2	1
Case 36	9	95,263,009	95,560,534	3	0	3	1
Case 36	9	95,561,537	95,610,753	2	0	2	1
Case 36	9	95,616,149	98,607,989	3	0	3	1
Case 36	9	98,623,567	98,733,782	2	0	2	1
Case 36	9	98,739,498	99,509,624	3	0	3	1
Case 36	9	99,509,885	99,797,908	2	0	2	1
Case 36	9	99,798,293	105,093,304	3	0	3	1
Case 36	9	105,094,335	105,587,136	2	0	2	1
Case 36	9	105,591,790	105,734,158	3	0	3	1
Case 36	9	105,735,195	105,767,437	2	0	2	1
Case 36	9	105,767,464	105,812,289	3	0	3	1
Case 36	9	105,815,502	106,148,215	2	0	2	1
Case 36	9	106,153,263	106,306,486	3	0	3	1
Case 36	9	106,311,685	106,417,844	2	0	2	1
Case 36	9	106,422,027	106,857,824	3	0	3	1
Case 36	9	106,857,829	107,045,058	2	0	2	1
Case 36	9	107,047,590	107,457,686	3	0	3	1
Case 36	9	107,457,725	107,555,077	2	0	2	1
Case 36	9	107,555,306	107,974,737	3	0	3	1
Case 36	9	107,975,234	108,240,797	2	0	2	1
Case 36	9	108,243,493	113,648,839	3	0	3	1
Case 36	9	113,649,462	113,703,439	2	0	2	1
Case 36	9	113,704,268	114,462,322	3	0	3	1
Case 36	9	114,464,401	114,562,289	2	0	2	1
Case 36	9	114,563,069	119,699,452	3	0	3	1
Case 36	9	119,702,496	119,722,707	2	0	2	1
Case 36	9	119,724,111	123,914,874	3	0	3	1
Case 36	9	123,917,010	123,929,783	2	0	2	1
Case 36	9	123,929,893	131,457,125	3	0	3	1
Case 36	9	131,464,046	131,475,583	2	0	2	1
Case 36	9	131,475,625	132,374,678	3	0	3	1
Case 36	9	132,374,704	132,377,900	2	0	2	1
Case 36	9	132,380,301	136,131,415	3	0	3	1
Case 36	9	136,131,429	136,131,740	2	0	2	1
Case 36	9	136,131,905	139,232,005	3	0	3	1
Case 36	9	139,233,113	139,277,886	2	0	2	1
Case 36	9	139,278,407	139,749,102	3	0	3	1
Case 36	9	139,749,229	139,754,431	2	0	2	1
Case 36	9	139,756,883	140,007,817	3	0	3	1
Case 36	9	140,007,869	140,094,273	2	0	2	1
Case 36	9	140,099,541	140,165,510	3	0	3	1
Case 36	9	140,166,981	140,329,141	2	0	2	1
Case 36	9	140,329,373	141,066,491	3	0	3	1
Case 36	10	98,087	2,064,234	3	0	3	1
Case 36	10	2,065,094	2,088,596	2	0	2	1
Case 36	10	2,090,551	4,632,979	3	0	3	1
Case 36	10	4,635,292	4,672,037	2	0	2	1
Case 36	10	4,672,693	8,680,784	3	0	3	1
Case 36	10	8,682,679	8,707,550	2	0	2	1
Case 36	10	8,709,338	8,974,568	3	0	3	1
Case 36	10	8,975,723	9,146,556	2	0	2	1
Case 36	10	9,150,482	10,098,119	3	0	3	1
Case 36	10	10,098,760	10,117,897	2	0	2	1
Case 36	10	10,134,319	11,505,743	3	0	3	1
Case 36	10	11,512,648	11,680,543	2	0	2	1
Case 36	10	11,681,939	13,359,607	3	0	3	1

Case 36	10	13,363,717	16,204,155	2	2	4	0
Case 36	10	16,220,828	16,302,262	2	1	3	0
Case 36	10	16,302,893	19,467,440	2	2	4	0
Case 36	10	19,471,662	19,846,368	2	1	3	0
Case 36	10	19,854,621	37,414,929	2	2	4	0
Case 36	10	37,416,376	37,582,939	2	1	3	0
Case 36	10	37,602,764	39,030,136	2	2	4	0
Case 36	10	39,058,671	39,097,912	2	1	3	0
Case 36	10	42,436,301	42,905,510	2	1	3	0
Case 36	10	42,907,201	56,015,656	2	2	4	0
Case 36	10	56,018,508	58,118,390	2	1	3	0
Case 36	10	58,118,420	58,842,551	2	2	4	0
Case 36	10	58,846,575	58,849,853	2	0	2	1
Case 36	10	58,853,258	66,227,925	2	2	4	0
Case 36	10	66,255,386	66,921,411	2	1	3	0
Case 36	10	66,922,407	67,785,261	2	2	4	0
Case 36	10	67,786,048	68,179,970	2	1	3	0
Case 36	10	68,180,999	82,672,817	2	2	4	0
Case 36	10	82,673,699	82,715,797	2	1	3	0
Case 36	10	82,718,209	84,678,512	2	2	4	0
Case 36	10	84,680,499	85,050,535	2	1	3	0
Case 36	10	85,060,080	91,465,118	2	2	4	0
Case 36	10	91,465,167	91,528,087	2	1	3	0
Case 36	10	91,528,504	108,803,311	2	2	4	0
Case 36	10	108,804,840	109,028,744	2	1	3	0
Case 36	10	109,030,214	115,080,485	2	2	4	0
Case 36	10	115,096,759	116,887,805	3	0	3	1
Case 36	10	116,889,228	117,710,295	2	0	2	1
Case 36	10	117,713,221	118,059,344	3	0	3	1
Case 36	10	118,075,798	118,236,278	2	0	2	1
Case 36	10	118,236,315	119,743,724	3	0	3	1
Case 36	10	119,749,103	119,849,144	2	0	2	1
Case 36	10	119,853,228	120,063,661	3	0	3	1
Case 36	10	120,067,145	120,122,033	2	0	2	1
Case 36	10	120,140,042	123,913,330	3	0	3	1
Case 36	10	123,913,826	135,477,883	4	0	4	1
Case 36	11	193,146	11,195,213	2	2	4	0
Case 36	11	11,198,251	11,209,609	4	2	6	0
Case 36	11	11,211,567	51,591,253	2	2	4	0
Case 36	11	54,794,237	104,456,747	2	2	4	0
Case 36	11	104,478,511	106,369,769	3	0	3	1
Case 36	11	106,370,276	106,518,705	2	0	2	1
Case 36	11	106,523,153	107,914,869	3	0	3	1
Case 36	11	107,917,087	108,028,670	2	0	2	1
Case 36	11	108,031,295	108,043,195	3	0	3	1
Case 36	11	108,043,293	108,219,339	2	0	2	1
Case 36	11	108,225,661	127,317,894	3	0	3	1
Case 36	11	127,324,160	128,088,935	2	2	4	0
Case 36	11	128,089,337	128,099,099	2	0	2	1
Case 36	11	128,115,740	129,161,105	2	2	4	0
Case 36	11	129,161,401	129,202,392	4	2	6	0
Case 36	11	129,208,260	134,934,063	2	2	4	0
Case 36	12	191,619	6,045,261	2	2	4	0
Case 36	12	6,056,450	6,063,142	4	2	6	0
Case 36	12	6,066,357	6,709,138	2	2	4	0
Case 36	12	6,709,561	7,246,707	3	2	5	0
Case 36	12	7,248,556	20,542,034	2	2	4	0
Case 36	12	20,548,751	20,565,960	3	2	5	0
Case 36	12	20,566,815	34,853,011	2	2	4	0
Case 36	12	37,876,400	59,295,453	2	2	4	0
Case 36	12	59,298,859	59,324,008	3	0	3	1

Case 36	12	59,348,088	72,508,779	2	2	4	0
Case 36	12	72,538,429	73,187,300	3	0	3	1
Case 36	12	73,197,288	73,674,558	2	0	2	1
Case 36	12	73,685,326	73,890,862	3	0	3	1
Case 36	12	73,898,367	75,202,659	2	0	2	1
Case 36	12	75,205,104	75,669,525	3	0	3	1
Case 36	12	75,671,271	75,844,304	2	0	2	1
Case 36	12	75,849,475	76,683,856	3	0	3	1
Case 36	12	76,685,158	76,927,147	2	0	2	1
Case 36	12	76,933,374	77,189,965	3	0	3	1
Case 36	12	77,191,258	77,256,962	2	0	2	1
Case 36	12	77,259,943	77,471,401	3	0	3	1
Case 36	12	77,472,927	77,528,128	2	0	2	1
Case 36	12	77,528,904	78,804,859	3	0	3	1
Case 36	12	78,816,199	79,621,106	2	0	2	1
Case 36	12	79,625,762	80,628,573	3	0	3	1
Case 36	12	80,632,556	81,088,023	2	0	2	1
Case 36	12	81,091,064	81,388,261	3	0	3	1
Case 36	12	81,390,024	81,692,273	2	0	2	1
Case 36	12	81,695,322	81,893,534	3	0	3	1
Case 36	12	81,901,318	82,099,974	2	0	2	1
Case 36	12	82,102,854	82,752,457	3	0	3	1
Case 36	12	82,752,467	82,918,667	2	0	2	1
Case 36	12	82,921,922	83,588,033	3	0	3	1
Case 36	12	83,591,305	83,849,475	2	0	2	1
Case 36	12	83,854,627	83,941,693	3	0	3	1
Case 36	12	83,950,668	85,082,506	2	0	2	1
Case 36	12	85,090,747	85,203,403	3	0	3	1
Case 36	12	85,212,015	85,564,834	2	0	2	1
Case 36	12	85,576,492	85,833,160	3	0	3	1
Case 36	12	85,864,005	88,900,894	2	0	2	1
Case 36	12	88,902,041	89,625,237	3	0	3	1
Case 36	12	89,639,948	89,893,877	4	0	4	1
Case 36	12	89,905,537	90,926,406	3	0	3	1
Case 36	12	90,941,716	91,057,266	2	0	2	1
Case 36	12	91,064,171	91,357,349	3	0	3	1
Case 36	12	91,357,938	91,441,121	2	0	2	1
Case 36	12	91,441,554	92,073,254	3	0	3	1
Case 36	12	92,077,453	92,248,851	2	0	2	1
Case 36	12	92,259,770	93,151,045	3	0	3	1
Case 36	12	93,155,535	93,347,406	2	0	2	1
Case 36	12	93,351,596	94,761,622	3	0	3	1
Case 36	12	94,761,633	94,890,048	2	0	2	1
Case 36	12	94,891,055	99,855,732	3	0	3	1
Case 36	12	99,863,726	100,482,798	2	0	2	1
Case 36	12	100,482,866	101,525,164	3	0	3	1
Case 36	12	101,525,373	101,577,955	2	0	2	1
Case 36	12	101,581,185	102,513,531	3	0	3	1
Case 36	12	102,517,753	102,711,442	2	0	2	1
Case 36	12	102,714,505	105,482,184	3	0	3	1
Case 36	12	105,484,701	105,562,788	2	0	2	1
Case 36	12	105,564,501	108,942,984	3	0	3	1
Case 36	12	108,949,739	116,756,064	4	0	4	1
Case 36	12	116,757,424	116,801,775	6	0	6	1
Case 36	12	116,804,042	116,840,077	5	0	5	1
Case 36	12	116,844,438	118,261,159	4	0	4	1
Case 36	12	118,261,288	118,473,054	6	0	6	1
Case 36	12	118,473,095	118,664,823	5	0	5	1
Case 36	12	118,673,387	119,840,700	4	0	4	1
Case 36	12	119,840,837	119,853,272	6	0	6	1
Case 36	12	119,853,742	120,527,791	5	0	5	1

Case 36	12	120,530,855	133,810,935	4	0	4	1
Case 36	13	19,058,717	21,165,145	3	0	3	1
Case 36	13	21,166,108	21,277,375	2	0	2	1
Case 36	13	21,280,034	21,728,755	3	0	3	1
Case 36	13	21,728,945	21,751,229	2	0	2	1
Case 36	13	21,751,335	22,067,072	3	0	3	1
Case 36	13	22,067,438	22,159,277	2	0	2	1
Case 36	13	22,181,334	22,727,812	3	0	3	1
Case 36	13	22,731,267	22,754,563	2	0	2	1
Case 36	13	22,757,023	23,798,431	3	0	3	1
Case 36	13	23,800,080	23,846,861	2	0	2	1
Case 36	13	23,848,395	23,905,711	3	0	3	1
Case 36	13	23,905,867	23,912,115	2	0	2	1
Case 36	13	23,912,432	25,374,538	3	0	3	1
Case 36	13	25,376,643	25,433,701	2	0	2	1
Case 36	13	25,437,809	25,820,189	3	0	3	1
Case 36	13	25,821,603	25,916,059	2	0	2	1
Case 36	13	25,919,996	30,158,230	3	0	3	1
Case 36	13	30,162,353	32,776,571	4	0	4	1
Case 36	13	32,776,604	32,776,607	1	0	1	0
Case 36	13	32,776,616	73,985,283	4	0	4	1
Case 36	13	73,986,628	73,986,628	6	0	6	1
Case 36	13	73,987,891	74,521,994	5	0	5	1
Case 36	13	74,530,019	115,103,529	4	0	4	1
Case 36	14	19,280,733	22,586,604	2	2	4	0
Case 36	14	22,588,022	22,978,516	3	2	5	0
Case 36	14	22,978,577	93,516,465	2	2	4	0
Case 36	14	93,523,577	94,391,699	3	0	3	1
Case 36	14	94,391,705	94,395,407	2	0	2	1
Case 36	14	94,398,258	96,772,059	3	0	3	1
Case 36	14	96,772,062	96,852,071	2	0	2	1
Case 36	14	96,853,454	97,270,839	3	0	3	1
Case 36	14	97,272,382	97,342,448	2	0	2	1
Case 36	14	97,343,323	104,561,935	3	0	3	1
Case 36	14	104,562,812	104,624,228	2	0	2	1
Case 36	14	104,624,263	105,609,400	3	0	3	1
Case 36	14	105,609,459	105,615,389	2	0	2	1
Case 36	14	105,615,397	105,960,199	3	0	3	1
Case 36	14	105,960,202	106,004,323	2	0	2	1
Case 36	14	106,016,434	107,287,663	3	0	3	1
Case 36	15	20,034,919	34,070,882	2	2	4	0
Case 36	15	34,071,305	34,400,939	3	0	3	1
Case 36	15	34,402,268	34,481,168	2	0	2	1
Case 36	15	34,483,333	36,158,602	2	2	4	0
Case 36	15	36,165,311	38,581,841	3	2	5	0
Case 36	15	38,586,199	42,143,486	2	2	4	0
Case 36	15	42,143,533	42,178,519	2	1	3	0
Case 36	15	42,179,424	52,575,064	2	2	4	0
Case 36	15	52,575,170	52,897,344	2	1	3	0
Case 36	15	52,900,804	66,170,526	2	2	4	0
Case 36	15	66,170,626	70,574,026	3	2	5	0
Case 36	15	70,574,680	72,500,965	3	3	6	0
Case 36	15	72,502,138	72,748,728	3	2	5	0
Case 36	15	72,757,393	73,562,512	3	3	6	0
Case 36	15	73,564,825	75,763,044	3	2	5	0
Case 36	15	75,764,343	78,832,397	4	2	6	0
Case 36	15	78,832,792	78,833,758	2	2	4	0
Case 36	15	78,837,261	79,422,726	3	2	5	0
Case 36	15	79,425,885	79,603,760	3	3	6	0
Case 36	15	79,604,782	79,974,022	3	2	5	0
Case 36	15	79,975,476	81,161,704	3	3	6	0



Case 36	15	81,163,924	81,654,624	3	2	5	0
Case 36	15	81,660,237	82,336,141	3	3	6	0
Case 36	15	82,336,154	83,523,424	3	2	5	0
Case 36	15	83,524,257	85,388,376	3	3	6	0
Case 36	15	85,399,645	85,400,643	3	2	5	0
Case 36	15	85,400,716	88,514,162	4	2	6	0
Case 36	15	88,519,216	90,904,028	3	2	5	0
Case 36	15	90,904,216	91,395,711	4	2	6	0
Case 36	15	91,404,788	91,561,079	3	2	5	0
Case 36	15	91,561,182	93,555,717	4	2	6	0
Case 36	15	93,557,954	93,589,740	3	2	5	0
Case 36	15	93,589,788	95,081,853	3	3	6	0
Case 36	15	95,084,911	99,231,868	4	3	7	0
Case 36	15	99,233,945	99,572,400	3	3	6	0
Case 36	15	99,572,794	99,666,329	4	3	7	0
Case 36	15	99,666,979	99,675,028	3	3	6	0
Case 36	15	99,677,357	100,589,092	4	3	7	0
Case 36	15	100,589,191	100,825,794	3	3	6	0
Case 36	15	100,828,865	101,515,268	4	3	7	0
Case 36	15	101,517,957	101,610,336	3	3	6	0
Case 36	15	101,612,059	101,709,549	4	3	7	0
Case 36	15	101,710,165	101,869,255	3	3	6	0
Case 36	15	101,872,187	101,919,500	4	3	7	0
Case 36	15	101,920,286	102,073,917	3	3	6	0
Case 36	15	102,080,355	102,324,456	4	3	7	0
Case 36	15	102,326,466	102,359,203	3	3	6	0
Case 36	15	102,359,268	102,461,162	4	3	7	0
Case 36	16	88,165	3,061,591	2	2	4	0
Case 36	16	3,061,928	3,073,240	3	2	5	0
Case 36	16	3,073,357	35,285,582	2	2	4	0
Case 36	16	46,450,037	46,450,037	2	2	4	0
Case 36	16	46,532,286	47,829,536	3	2	5	0
Case 36	16	47,859,931	48,130,781	2	2	4	0
Case 36	16	48,130,834	53,203,634	3	0	3	1
Case 36	16	53,213,419	53,326,860	2	0	2	1
Case 36	16	53,331,041	57,789,754	3	0	3	1
Case 36	16	57,790,805	57,798,110	2	0	2	1
Case 36	16	57,801,350	59,427,237	3	0	3	1
Case 36	16	59,452,245	59,540,677	2	0	2	1
Case 36	16	59,542,037	59,839,971	3	0	3	1
Case 36	16	59,854,720	60,056,088	2	0	2	1
Case 36	16	60,057,351	60,458,092	3	0	3	1
Case 36	16	60,458,387	61,642,947	2	0	2	1
Case 36	16	61,646,230	62,056,535	3	0	3	1
Case 36	16	62,074,175	63,580,572	2	0	2	1
Case 36	16	63,582,751	63,781,053	3	0	3	1
Case 36	16	63,783,556	64,221,018	2	0	2	1
Case 36	16	64,226,202	64,406,763	3	0	3	1
Case 36	16	64,411,944	64,498,279	2	0	2	1
Case 36	16	64,508,623	66,962,267	3	0	3	1
Case 36	16	66,962,411	66,997,491	2	0	2	1
Case 36	16	66,997,710	67,220,457	3	0	3	1
Case 36	16	67,220,741	67,222,828	2	0	2	1
Case 36	16	67,222,833	68,104,952	3	0	3	1
Case 36	16	68,104,995	68,150,527	2	0	2	1
Case 36	16	68,154,862	70,843,909	3	0	3	1
Case 36	16	70,867,880	71,070,698	2	2	4	0
Case 36	16	71,070,878	71,218,789	3	0	3	1
Case 36	16	71,220,668	71,332,024	2	0	2	1
Case 36	16	71,343,397	74,662,597	3	0	3	1
Case 36	16	74,664,743	74,683,047	2	0	2	1

Case 36	16	74,685,979	76,018,396	3	0	3	1
Case 36	16	76,019,786	76,495,945	2	0	2	1
Case 36	16	76,498,403	76,569,512	3	0	3	1
Case 36	16	76,569,665	76,592,552	2	0	2	1
Case 36	16	76,592,633	80,989,859	3	0	3	1
Case 36	16	80,993,734	81,060,761	2	0	2	1
Case 36	16	81,061,776	82,154,619	3	0	3	1
Case 36	16	82,160,399	82,188,657	2	0	2	1
Case 36	16	82,194,190	84,510,255	3	0	3	1
Case 36	16	84,511,260	84,513,589	2	0	2	1
Case 36	16	84,514,061	88,870,967	3	0	3	1
Case 36	16	88,871,016	88,873,780	2	0	2	1
Case 36	16	88,873,786	89,704,365	3	0	3	1
Case 36	16	89,704,461	89,709,019	2	0	2	1
Case 36	16	89,711,120	90,274,695	3	0	3	1
Case 36	17	11,885	1,538,110	3	0	3	1
Case 36	17	1,538,172	1,538,851	2	0	2	1
Case 36	17	1,539,540	8,045,190	3	0	3	1
Case 36	17	8,045,239	8,053,153	2	0	2	1
Case 36	17	8,053,358	10,462,605	3	0	3	1
Case 36	17	10,475,189	11,124,771	2	0	2	1
Case 36	17	11,126,125	11,184,066	3	0	3	1
Case 36	17	11,185,157	11,833,287	2	0	2	1
Case 36	17	11,835,078	11,843,782	3	0	3	1
Case 36	17	11,845,741	12,973,681	2	0	2	1
Case 36	17	12,974,697	17,420,218	3	0	3	1
Case 36	17	17,424,333	17,439,458	3	2	5	0
Case 36	17	17,446,103	22,242,355	2	2	4	0
Case 36	17	25,268,142	25,630,394	2	2	4	0
Case 36	17	25,630,473	34,445,397	4	0	4	1
Case 36	17	34,450,463	34,466,631	3	2	5	0
Case 36	17	34,468,886	35,414,325	4	0	4	1
Case 36	17	35,419,475	36,208,392	6	0	6	1
Case 36	17	36,220,373	36,500,705	5	0	5	1
Case 36	17	36,509,256	46,606,944	6	0	6	1
Case 36	17	46,607,021	46,628,223	5	0	5	1
Case 36	17	46,629,232	50,294,376	6	0	6	1
Case 36	17	50,294,398	50,294,398	5	0	5	1
Case 36	17	50,296,779	53,286,834	7	0	7	1
Case 36	17	53,287,640	61,896,487	6	0	6	1
Case 36	17	61,897,218	61,903,961	5	0	5	1
Case 36	17	61,904,003	66,938,260	6	0	6	1
Case 36	17	66,939,019	66,959,710	5	0	5	1
Case 36	17	66,962,196	69,709,054	7	0	7	1
Case 36	17	69,711,678	78,280,988	6	0	6	1
Case 36	17	78,283,987	78,354,756	5	0	5	1
Case 36	17	78,355,176	81,060,040	6	0	6	1
Case 36	18	87,505	642,678	3	2	5	0
Case 36	18	645,051	674,325	5	1	6	0
Case 36	18	674,354	13,058,318	3	2	5	0
Case 36	18	13,059,175	15,375,878	2	2	4	0
Case 36	18	18,520,354	19,154,752	2	2	4	0
Case 36	18	19,155,511	20,573,157	3	2	5	0
Case 36	18	20,573,213	51,321,476	2	2	4	0
Case 36	18	51,327,866	54,057,112	2	0	2	1
Case 36	18	54,059,039	54,328,216	3	0	3	1
Case 36	18	54,358,999	54,690,152	2	0	2	1
Case 36	18	54,690,271	55,240,505	3	0	3	1
Case 36	18	55,243,164	55,362,532	2	0	2	1
Case 36	18	55,364,830	55,661,297	3	0	3	1
Case 36	18	55,661,823	55,828,612	2	0	2	1

Case 36	18	55,829,768	56,291,595	3	0	3	1
Case 36	18	56,296,138	56,444,821	2	0	2	1
Case 36	18	56,445,257	56,632,570	3	0	3	1
Case 36	18	56,633,317	56,702,945	2	0	2	1
Case 36	18	56,705,616	57,136,783	3	0	3	1
Case 36	18	57,136,795	57,322,306	2	0	2	1
Case 36	18	57,323,149	57,398,128	3	0	3	1
Case 36	18	57,398,775	58,036,503	2	0	2	1
Case 36	18	58,037,433	58,040,587	3	0	3	1
Case 36	18	58,049,192	58,764,375	2	0	2	1
Case 36	18	58,765,118	59,002,954	3	0	3	1
Case 36	18	59,003,714	59,203,382	2	0	2	1
Case 36	18	59,205,707	59,577,310	3	0	3	1
Case 36	18	59,579,209	59,958,824	2	0	2	1
Case 36	18	59,970,583	60,122,898	3	0	3	1
Case 36	18	60,123,526	60,232,303	2	0	2	1
Case 36	18	60,232,314	60,321,002	3	0	3	1
Case 36	18	60,323,254	60,647,072	2	0	2	1
Case 36	18	60,648,872	61,013,905	3	0	3	1
Case 36	18	61,022,115	61,163,084	2	0	2	1
Case 36	18	61,163,925	61,262,367	3	0	3	1
Case 36	18	61,264,298	67,918,308	2	0	2	1
Case 36	18	67,920,269	68,140,829	3	0	3	1
Case 36	18	68,142,414	68,449,616	2	0	2	1
Case 36	18	68,453,127	68,491,824	3	0	3	1
Case 36	18	68,497,445	71,467,050	2	0	2	1
Case 36	18	71,467,427	71,625,573	3	0	3	1
Case 36	18	71,626,962	71,702,113	2	0	2	1
Case 36	18	71,702,374	71,789,784	3	0	3	1
Case 36	18	71,791,730	71,810,010	2	0	2	1
Case 36	18	71,815,122	71,992,294	3	0	3	1
Case 36	18	71,993,111	72,075,994	2	0	2	1
Case 36	18	72,076,567	72,255,107	3	0	3	1
Case 36	18	72,256,617	72,665,384	2	0	2	1
Case 36	18	72,669,937	73,208,445	3	0	3	1
Case 36	18	73,209,334	73,318,771	2	0	2	1
Case 36	18	73,330,240	73,526,297	3	0	3	1
Case 36	18	73,526,880	73,807,177	2	0	2	1
Case 36	18	73,811,509	74,378,063	3	0	3	1
Case 36	18	74,378,395	74,682,214	2	0	2	1
Case 36	18	74,683,389	74,884,667	3	0	3	1
Case 36	18	74,885,488	76,153,361	2	0	2	1
Case 36	18	76,154,754	76,704,368	3	0	3	1
Case 36	18	76,705,614	76,754,200	2	0	2	1
Case 36	18	76,754,380	76,856,499	3	0	3	1
Case 36	18	76,856,565	77,100,844	2	0	2	1
Case 36	18	77,104,269	77,679,290	3	0	3	1
Case 36	18	77,679,361	78,015,180	2	0	2	1
Case 36	19	260,912	3,328,734	2	2	4	0
Case 36	19	3,329,809	3,397,431	3	2	5	0
Case 36	19	3,403,231	7,743,845	2	2	4	0
Case 36	19	7,743,869	7,769,188	3	2	5	0
Case 36	19	7,769,566	24,629,285	2	2	4	0
Case 36	19	27,732,159	42,171,906	2	2	4	0
Case 36	19	42,175,160	42,220,409	3	2	5	0
Case 36	19	42,221,418	49,171,593	2	2	4	0
Case 36	19	49,174,077	49,206,631	2	1	3	0
Case 36	19	49,206,658	49,431,839	2	2	4	0
Case 36	19	49,436,980	49,439,363	2	0	2	1
Case 36	19	49,439,401	53,311,563	2	2	4	0
Case 36	19	53,332,039	53,358,889	4	2	6	0

Case 36	19	53,363,030	59,097,160	2	2	4	0
Case 36	20	63,244	26,293,985	2	2	4	0
Case 36	20	29,425,357	35,335,891	2	2	4	0
Case 36	20	35,343,830	50,309,602	3	2	5	0
Case 36	20	50,310,547	50,453,628	5	1	6	0
Case 36	20	50,455,228	50,699,305	5	2	7	0
Case 36	20	50,701,061	50,937,458	5	1	6	0
Case 36	20	50,957,837	62,948,788	3	2	5	0
Case 36	21	10,827,533	10,906,922	2	2	4	0
Case 36	21	10,906,936	10,971,337	2	1	3	0
Case 36	21	14,368,320	15,630,812	2	1	3	0
Case 36	21	15,634,304	15,711,567	2	2	4	0
Case 36	21	15,711,772	15,899,720	2	1	3	0
Case 36	21	15,902,978	17,691,547	2	2	4	0
Case 36	21	17,693,665	17,822,269	2	1	3	0
Case 36	21	17,826,260	19,678,660	2	2	4	0
Case 36	21	19,678,760	25,900,645	2	1	3	0
Case 36	21	25,903,696	26,147,773	2	2	4	0
Case 36	21	26,148,903	26,514,801	2	1	3	0
Case 36	21	26,518,687	28,957,144	2	2	4	0
Case 36	21	28,957,233	29,552,934	2	1	3	0
Case 36	21	29,556,000	36,241,929	2	2	4	0
Case 36	21	36,245,198	36,727,663	3	0	3	1
Case 36	21	36,730,471	36,916,787	2	0	2	1
Case 36	21	36,919,816	37,832,621	3	0	3	1
Case 36	21	37,833,307	37,833,983	2	0	2	1
Case 36	21	37,834,258	38,563,686	3	0	3	1
Case 36	21	38,563,725	38,599,958	2	0	2	1
Case 36	21	38,600,106	40,551,898	3	0	3	1
Case 36	21	40,552,307	40,669,083	2	0	2	1
Case 36	21	40,669,305	40,780,560	3	0	3	1
Case 36	21	40,781,985	40,843,234	2	0	2	1
Case 36	21	40,844,300	41,527,915	3	0	3	1
Case 36	21	41,531,974	41,776,253	2	0	2	1
Case 36	21	41,780,398	47,821,583	3	0	3	1
Case 36	21	47,821,588	47,863,853	2	0	2	1
Case 36	21	47,864,633	48,100,155	3	0	3	1
Case 36	22	16,114,244	51,195,728	2	2	4	0
Case 40	1	82,154	1,398,008	2	1	3	0
Case 40	1	1,398,032	1,706,136	2	2	4	0
Case 40	1	1,706,160	31,618,766	2	1	3	0
Case 40	1	31,650,749	31,731,208	2	2	4	0
Case 40	1	31,732,788	121,346,616	2	1	3	0
Case 40	1	142,649,718	144,931,626	2	1	3	0
Case 40	1	144,935,753	159,357,684	2	2	4	0
Case 40	1	159,374,604	204,123,999	4	0	4	1
Case 40	1	204,125,029	206,933,490	3	0	3	1
Case 40	1	206,939,904	207,139,123	4	0	4	1
Case 40	1	207,140,447	215,094,201	3	0	3	1
Case 40	1	215,102,445	215,989,973	4	0	4	1
Case 40	1	215,990,479	249,218,992	3	0	3	1
Case 40	2	18,674	92,035,041	4	0	4	1
Case 40	2	92,050,792	92,081,640	2	2	4	0
Case 40	2	95,429,424	140,922,911	2	2	4	0
Case 40	2	140,923,936	141,279,943	2	1	3	0
Case 40	2	141,281,486	195,986,610	2	2	4	0
Case 40	2	195,993,306	195,993,600	4	0	4	1
Case 40	2	196,002,614	196,272,121	3	0	3	1
Case 40	2	196,272,301	243,048,760	2	2	4	0
Case 40	3	61,495	3,884,459	2	0	2	1
Case 40	3	3,885,609	3,915,943	3	0	3	1

Case 40	3	3,916,426	4,530,278	2	0	2	1
Case 40	3	4,531,076	5,082,256	3	0	3	1
Case 40	3	5,082,955	8,524,337	2	0	2	1
Case 40	3	8,528,431	8,542,278	3	0	3	1
Case 40	3	8,546,102	8,550,015	2	0	2	1
Case 40	3	8,551,112	8,788,096	3	0	3	1
Case 40	3	8,788,336	8,809,741	2	0	2	1
Case 40	3	8,810,896	8,926,733	3	0	3	1
Case 40	3	8,932,189	9,079,291	2	0	2	1
Case 40	3	9,079,714	9,358,616	3	0	3	1
Case 40	3	9,363,272	9,517,217	2	0	2	1
Case 40	3	9,517,369	9,969,994	3	0	3	1
Case 40	3	9,970,030	10,089,689	2	0	2	1
Case 40	3	10,094,126	10,933,887	3	0	3	1
Case 40	3	10,937,056	10,966,711	2	0	2	1
Case 40	3	10,967,342	12,232,046	3	0	3	1
Case 40	3	12,233,482	12,461,932	2	0	2	1
Case 40	3	12,462,024	12,544,761	3	0	3	1
Case 40	3	12,544,774	12,859,342	2	0	2	1
Case 40	3	12,860,988	15,152,062	3	0	3	1
Case 40	3	15,152,762	15,516,910	2	0	2	1
Case 40	3	15,518,889	15,709,140	3	0	3	1
Case 40	3	15,716,898	15,927,193	2	0	2	1
Case 40	3	15,933,741	16,330,513	3	0	3	1
Case 40	3	16,332,988	24,038,687	2	0	2	1
Case 40	3	24,043,710	24,169,493	3	0	3	1
Case 40	3	24,169,726	25,575,675	2	0	2	1
Case 40	3	25,576,865	25,621,302	3	0	3	1
Case 40	3	25,622,155	31,394,943	2	0	2	1
Case 40	3	31,400,889	32,030,662	3	0	3	1
Case 40	3	32,030,881	32,409,410	2	0	2	1
Case 40	3	32,411,118	32,545,691	3	0	3	1
Case 40	3	32,551,946	32,844,155	2	0	2	1
Case 40	3	32,858,557	33,289,596	3	0	3	1
Case 40	3	33,292,542	33,917,150	2	0	2	1
Case 40	3	33,926,125	34,084,684	3	0	3	1
Case 40	3	34,086,193	36,756,821	2	0	2	1
Case 40	3	36,756,863	36,962,588	3	0	3	1
Case 40	3	36,965,158	37,458,851	2	0	2	1
Case 40	3	37,458,926	38,598,067	3	0	3	1
Case 40	3	38,599,037	38,651,264	2	0	2	1
Case 40	3	38,651,303	39,091,812	3	0	3	1
Case 40	3	39,093,326	39,140,972	2	0	2	1
Case 40	3	39,141,944	39,180,100	3	0	3	1
Case 40	3	39,180,263	39,225,442	2	0	2	1
Case 40	3	39,225,585	40,219,446	3	0	3	1
Case 40	3	40,223,615	40,362,122	2	0	2	1
Case 40	3	40,367,524	40,499,445	3	0	3	1
Case 40	3	40,500,154	41,063,002	2	0	2	1
Case 40	3	41,063,760	41,414,528	3	0	3	1
Case 40	3	41,420,792	41,960,006	2	0	2	1
Case 40	3	41,961,168	42,550,651	3	0	3	1
Case 40	3	42,551,373	42,716,120	2	0	2	1
Case 40	3	42,723,605	42,740,553	3	0	3	1
Case 40	3	42,740,576	42,856,350	2	0	2	1
Case 40	3	42,863,739	43,125,481	3	0	3	1
Case 40	3	43,132,444	44,943,104	2	0	2	1
Case 40	3	44,943,164	46,003,807	3	0	3	1
Case 40	3	46,003,831	46,245,329	2	0	2	1
Case 40	3	46,245,424	46,866,866	3	0	3	1
Case 40	3	46,871,917	46,916,051	2	0	2	1

Case 40	3	46,918,475	47,032,777	3	0	3	1
Case 40	3	47,033,113	47,292,183	2	0	2	1
Case 40	3	47,306,894	47,452,311	3	0	3	1
Case 40	3	47,452,339	48,340,045	2	0	2	1
Case 40	3	48,360,433	48,643,235	3	0	3	1
Case 40	3	48,643,891	48,664,473	2	0	2	1
Case 40	3	48,665,917	50,355,730	3	0	3	1
Case 40	3	50,356,265	50,390,897	2	0	2	1
Case 40	3	50,390,951	50,712,159	3	0	3	1
Case 40	3	50,714,509	51,398,958	2	0	2	1
Case 40	3	51,399,303	51,718,552	3	0	3	1
Case 40	3	51,719,577	51,928,928	2	0	2	1
Case 40	3	51,929,069	51,992,146	3	0	3	1
Case 40	3	51,992,165	52,021,316	2	0	2	1
Case 40	3	52,021,422	52,246,030	3	0	3	1
Case 40	3	52,247,110	52,348,364	2	0	2	1
Case 40	3	52,349,412	52,536,308	3	0	3	1
Case 40	3	52,536,686	52,557,945	2	0	2	1
Case 40	3	52,558,008	54,254,129	3	0	3	1
Case 40	3	54,256,559	54,344,775	2	0	2	1
Case 40	3	54,354,510	54,741,995	3	0	3	1
Case 40	3	54,747,244	56,051,662	2	0	2	1
Case 40	3	56,051,779	56,430,513	3	0	3	1
Case 40	3	56,431,988	56,761,715	2	0	2	1
Case 40	3	56,762,245	57,186,580	3	0	3	1
Case 40	3	57,187,078	57,913,714	2	0	2	1
Case 40	3	57,914,178	58,335,573	3	0	3	1
Case 40	3	58,336,846	58,486,772	2	0	2	1
Case 40	3	58,487,264	58,844,331	3	0	3	1
Case 40	3	58,849,291	59,368,074	2	0	2	1
Case 40	3	59,372,700	59,451,699	3	0	3	1
Case 40	3	59,452,272	60,374,028	2	0	2	1
Case 40	3	60,379,253	60,379,253	1	0	1	0
Case 40	3	60,379,450	60,544,132	0	0	0	0
Case 40	3	60,545,602	61,375,686	2	0	2	1
Case 40	3	61,389,476	61,513,495	3	0	3	1
Case 40	3	61,515,679	62,364,422	2	0	2	1
Case 40	3	62,366,487	62,519,435	3	0	3	1
Case 40	3	62,523,546	63,615,622	2	0	2	1
Case 40	3	63,615,879	64,123,647	3	0	3	1
Case 40	3	64,125,528	64,171,754	2	0	2	1
Case 40	3	64,171,993	64,617,070	3	0	3	1
Case 40	3	64,617,162	64,962,621	2	0	2	1
Case 40	3	64,969,450	65,226,990	3	0	3	1
Case 40	3	65,227,760	65,940,092	2	0	2	1
Case 40	3	65,944,066	66,050,568	3	0	3	1
Case 40	3	66,061,727	66,349,071	2	0	2	1
Case 40	3	66,352,997	66,931,371	3	0	3	1
Case 40	3	66,940,414	69,151,087	2	0	2	1
Case 40	3	69,151,117	69,177,913	3	0	3	1
Case 40	3	69,181,552	69,222,863	2	0	2	1
Case 40	3	69,225,911	69,242,891	3	0	3	1
Case 40	3	69,243,011	70,861,462	2	0	2	1
Case 40	3	70,871,090	71,281,430	3	0	3	1
Case 40	3	71,287,528	71,403,136	2	0	2	1
Case 40	3	71,408,319	72,696,627	3	0	3	1
Case 40	3	72,697,011	73,111,809	2	0	2	1
Case 40	3	73,111,828	73,438,465	3	0	3	1
Case 40	3	73,439,024	73,573,216	2	0	2	1
Case 40	3	73,578,778	73,711,340	3	0	3	1
Case 40	3	73,716,503	90,442,925	2	0	2	1

Case 40	3	93,537,290	112,879,711	2	0	2	1
Case 40	3	112,881,539	112,980,483	3	0	3	1
Case 40	3	112,987,262	113,320,312	2	0	2	1
Case 40	3	113,320,477	113,375,764	3	0	3	1
Case 40	3	113,375,772	119,822,335	2	0	2	1
Case 40	3	119,824,037	120,194,615	3	0	3	1
Case 40	3	120,199,413	121,289,594	2	0	2	1
Case 40	3	121,294,785	121,354,620	3	0	3	1
Case 40	3	121,354,642	122,289,303	2	0	2	1
Case 40	3	122,289,369	122,422,901	3	0	3	1
Case 40	3	122,423,256	122,661,863	2	0	2	1
Case 40	3	122,662,308	123,458,823	3	0	3	1
Case 40	3	123,458,839	123,807,012	2	0	2	1
Case 40	3	123,810,460	124,515,354	3	0	3	1
Case 40	3	124,515,395	124,578,203	2	0	2	1
Case 40	3	124,578,212	124,911,841	3	0	3	1
Case 40	3	124,915,818	125,595,987	2	0	2	1
Case 40	3	125,620,850	125,849,099	3	0	3	1
Case 40	3	125,849,714	126,757,949	2	0	2	1
Case 40	3	126,759,984	129,695,893	3	0	3	1
Case 40	3	129,695,954	130,977,900	2	0	2	1
Case 40	3	130,992,343	131,321,322	3	0	3	1
Case 40	3	131,322,261	132,639,561	2	0	2	1
Case 40	3	132,640,698	133,191,330	3	0	3	1
Case 40	3	133,191,385	133,466,222	2	0	2	1
Case 40	3	133,466,374	134,078,284	3	0	3	1
Case 40	3	134,079,019	134,514,510	2	0	2	1
Case 40	3	134,514,525	135,274,861	3	0	3	1
Case 40	3	135,275,666	135,870,984	2	0	2	1
Case 40	3	135,871,179	136,056,861	3	0	3	1
Case 40	3	136,062,724	138,053,187	2	0	2	1
Case 40	3	138,054,521	138,194,435	3	0	3	1
Case 40	3	138,216,713	138,730,737	2	0	2	1
Case 40	3	138,734,214	139,500,341	3	0	3	1
Case 40	3	139,502,118	140,164,908	2	0	2	1
Case 40	3	140,167,131	141,457,998	3	0	3	1
Case 40	3	141,463,267	142,526,594	2	0	2	1
Case 40	3	142,537,215	143,058,731	3	0	3	1
Case 40	3	143,059,497	149,112,810	2	0	2	1
Case 40	3	149,114,614	149,246,213	3	0	3	1
Case 40	3	149,247,639	150,580,747	2	0	2	1
Case 40	3	150,582,992	150,854,520	3	0	3	1
Case 40	3	150,857,406	151,112,568	2	0	2	1
Case 40	3	151,115,991	151,165,532	3	0	3	1
Case 40	3	151,165,610	169,633,705	2	0	2	1
Case 40	3	169,633,958	169,683,036	3	0	3	1
Case 40	3	169,687,607	170,147,991	2	0	2	1
Case 40	3	170,150,076	170,587,949	3	0	3	1
Case 40	3	170,589,304	171,780,763	2	0	2	1
Case 40	3	171,791,275	172,081,022	3	0	3	1
Case 40	3	172,087,898	179,320,544	2	0	2	1
Case 40	3	179,322,385	179,499,215	3	0	3	1
Case 40	3	179,501,900	182,826,316	2	0	2	1
Case 40	3	182,831,612	183,335,081	3	0	3	1
Case 40	3	183,335,322	183,443,634	2	0	2	1
Case 40	3	183,452,125	183,607,661	3	0	3	1
Case 40	3	183,621,991	183,671,306	4	0	4	1
Case 40	3	183,672,280	183,689,989	3	0	3	1
Case 40	3	183,690,243	183,761,664	2	0	2	1
Case 40	3	183,768,336	184,523,185	3	0	3	1
Case 40	3	184,525,426	184,717,530	2	0	2	1

Case 40	3	184,717,603	186,395,400	3	0	3	1
Case 40	3	186,395,436	186,510,454	2	0	2	1
Case 40	3	186,510,593	187,951,892	3	0	3	1
Case 40	3	187,968,192	188,860,551	2	0	2	1
Case 40	3	188,868,715	189,057,350	3	0	3	1
Case 40	3	189,059,421	192,531,202	2	0	2	1
Case 40	3	192,536,466	193,130,384	3	0	3	1
Case 40	3	193,132,381	193,415,750	2	0	2	1
Case 40	3	193,417,179	194,126,767	3	0	3	1
Case 40	3	194,134,567	194,325,142	2	0	2	1
Case 40	3	194,325,496	196,452,238	3	0	3	1
Case 40	3	196,453,467	197,058,402	2	0	2	1
Case 40	3	197,060,036	197,431,458	3	0	3	1
Case 40	3	197,431,479	197,619,527	2	0	2	1
Case 40	3	197,619,588	197,838,262	3	0	3	1
Case 40	4	71,566	504,012	2	0	2	1
Case 40	4	509,850	798,511	3	0	3	1
Case 40	4	798,962	848,280	2	0	2	1
Case 40	4	852,313	951,622	3	0	3	1
Case 40	4	951,623	985,076	2	0	2	1
Case 40	4	985,092	1,725,570	3	0	3	1
Case 40	4	1,728,120	1,730,308	2	0	2	1
Case 40	4	1,730,313	2,129,906	3	0	3	1
Case 40	4	2,129,943	2,311,361	2	0	2	1
Case 40	4	2,316,874	3,430,406	3	0	3	1
Case 40	4	3,430,862	3,516,501	2	0	2	1
Case 40	4	3,519,881	3,740,612	3	0	3	1
Case 40	4	3,741,038	4,238,315	2	0	2	1
Case 40	4	4,239,661	4,890,733	3	0	3	1
Case 40	4	4,891,148	5,112,978	2	0	2	1
Case 40	4	5,115,426	5,397,383	3	0	3	1
Case 40	4	5,397,431	5,744,506	2	0	2	1
Case 40	4	5,745,304	5,758,066	3	0	3	1
Case 40	4	5,758,869	5,819,967	2	0	2	1
Case 40	4	5,820,158	8,218,825	3	0	3	1
Case 40	4	8,218,840	8,394,463	2	0	2	1
Case 40	4	8,396,382	10,446,208	3	0	3	1
Case 40	4	10,446,274	10,557,861	2	0	2	1
Case 40	4	10,559,041	10,831,659	3	0	3	1
Case 40	4	10,831,736	10,877,223	2	0	2	1
Case 40	4	10,883,658	11,527,822	3	0	3	1
Case 40	4	11,529,707	13,600,588	2	0	2	1
Case 40	4	13,600,728	13,603,373	3	0	3	1
Case 40	4	13,603,591	14,812,935	2	0	2	1
Case 40	4	14,818,982	14,926,218	3	0	3	1
Case 40	4	14,927,008	15,692,058	2	0	2	1
Case 40	4	15,692,954	17,488,351	3	0	3	1
Case 40	4	17,491,913	23,957,254	2	0	2	1
Case 40	4	23,958,805	24,740,958	3	0	3	1
Case 40	4	24,742,042	25,415,982	2	0	2	1
Case 40	4	25,417,244	26,218,025	3	0	3	1
Case 40	4	26,219,793	37,612,047	2	0	2	1
Case 40	4	37,612,526	38,219,277	3	0	3	1
Case 40	4	38,225,077	38,596,365	2	0	2	1
Case 40	4	38,596,653	38,776,070	3	0	3	1
Case 40	4	38,776,104	38,830,919	2	0	2	1
Case 40	4	38,831,007	39,098,321	3	0	3	1
Case 40	4	39,116,798	40,172,933	2	0	2	1
Case 40	4	40,173,103	40,345,239	3	0	3	1
Case 40	4	40,350,147	40,391,816	2	0	2	1
Case 40	4	40,393,828	40,440,552	3	0	3	1



Case 40	4	40,440,643	40,815,268	2	0	2	1
Case 40	4	40,818,170	41,123,834	3	0	3	1
Case 40	4	41,126,094	41,411,891	2	0	2	1
Case 40	4	41,421,908	41,711,689	3	0	3	1
Case 40	4	41,712,381	49,620,898	2	0	2	1
Case 40	4	52,697,856	52,945,961	2	0	2	1
Case 40	4	52,946,161	53,880,619	3	0	3	1
Case 40	4	53,888,072	54,403,898	2	0	2	1
Case 40	4	54,409,561	54,621,715	3	0	3	1
Case 40	4	54,624,264	57,170,069	2	0	2	1
Case 40	4	57,172,978	57,237,683	3	0	3	1
Case 40	4	57,237,688	75,851,372	2	0	2	1
Case 40	4	75,857,836	75,998,962	3	0	3	1
Case 40	4	76,005,892	77,324,343	2	0	2	1
Case 40	4	77,330,682	77,721,997	3	0	3	1
Case 40	4	77,724,484	77,804,009	2	0	2	1
Case 40	4	77,806,097	77,868,340	3	0	3	1
Case 40	4	77,871,016	78,103,458	2	0	2	1
Case 40	4	78,106,123	78,426,029	3	0	3	1
Case 40	4	78,432,340	78,871,021	2	0	2	1
Case 40	4	78,875,974	79,236,838	3	0	3	1
Case 40	4	79,236,852	79,385,632	2	0	2	1
Case 40	4	79,385,640	79,439,935	3	0	3	1
Case 40	4	79,440,521	83,321,808	2	0	2	1
Case 40	4	83,323,062	83,700,755	3	0	3	1
Case 40	4	83,710,092	87,968,165	2	0	2	1
Case 40	4	87,968,271	88,067,504	3	0	3	1
Case 40	4	88,067,584	88,533,441	2	0	2	1
Case 40	4	88,533,540	88,535,073	3	0	3	1
Case 40	4	88,535,592	113,244,979	2	0	2	1
Case 40	4	113,246,438	113,354,150	3	0	3	1
Case 40	4	113,356,306	119,934,384	2	0	2	1
Case 40	4	119,941,399	119,956,089	3	0	3	1
Case 40	4	119,956,411	122,137,121	2	0	2	1
Case 40	4	122,142,224	122,250,603	3	0	3	1
Case 40	4	122,250,654	129,232,129	2	0	2	1
Case 40	4	129,239,583	129,778,510	3	0	3	1
Case 40	4	129,779,076	139,711,726	2	0	2	1
Case 40	4	139,716,412	139,981,623	3	0	3	1
Case 40	4	139,981,918	140,406,214	2	0	2	1
Case 40	4	140,406,637	141,055,896	3	0	3	1
Case 40	4	141,060,111	141,543,915	2	0	2	1
Case 40	4	141,544,016	141,881,246	3	0	3	1
Case 40	4	141,882,031	146,639,208	2	0	2	1
Case 40	4	146,639,774	146,870,765	3	0	3	1
Case 40	4	146,875,551	153,896,691	2	0	2	1
Case 40	4	153,896,780	154,461,884	3	0	3	1
Case 40	4	154,465,994	169,505,090	2	0	2	1
Case 40	4	169,506,877	169,567,817	3	0	3	1
Case 40	4	169,569,729	169,589,214	2	0	2	1
Case 40	4	169,589,341	169,764,312	3	0	3	1
Case 40	4	169,764,489	183,659,649	2	0	2	1
Case 40	4	183,661,413	184,335,306	3	0	3	1
Case 40	4	184,338,589	184,639,740	2	0	2	1
Case 40	4	184,641,445	185,543,672	3	0	3	1
Case 40	4	185,548,951	185,655,214	2	0	2	1
Case 40	4	185,655,676	185,746,088	3	0	3	1
Case 40	4	185,750,840	185,801,346	2	0	2	1
Case 40	4	185,801,567	186,071,932	3	0	3	1
Case 40	4	186,072,110	186,697,494	2	0	2	1
Case 40	4	186,698,737	186,821,893	3	0	3	1

Case 40	4	186,832,817	187,122,319	2	0	2	1
Case 40	4	187,122,332	187,549,809	3	0	3	1
Case 40	4	187,549,883	187,621,568	2	0	2	1
Case 40	4	187,622,064	187,906,366	3	0	3	1
Case 40	4	187,912,810	190,963,766	2	0	2	1
Case 40	5	38,139	46,399,093	4	1	5	0
Case 40	5	49,457,282	139,931,384	2	0	2	1
Case 40	5	139,931,607	139,931,620	1	0	1	0
Case 40	5	139,931,629	139,931,653	0	0	0	0
Case 40	5	139,931,655	140,475,212	2	0	2	1
Case 40	5	140,475,377	140,558,613	3	0	3	1
Case 40	5	140,558,618	140,719,090	2	0	2	1
Case 40	5	140,719,224	140,780,036	3	0	3	1
Case 40	5	140,782,160	140,796,099	2	0	2	1
Case 40	5	140,797,630	140,895,377	3	0	3	1
Case 40	5	140,899,268	141,024,142	2	0	2	1
Case 40	5	141,024,259	141,044,943	3	0	3	1
Case 40	5	141,046,035	149,119,815	2	0	2	1
Case 40	5	149,124,228	149,201,670	3	0	3	1
Case 40	5	149,205,630	150,401,796	2	0	2	1
Case 40	5	150,401,891	150,428,871	3	0	3	1
Case 40	5	150,429,443	150,945,261	2	0	2	1
Case 40	5	150,945,465	150,974,513	3	0	3	1
Case 40	5	150,974,701	175,811,233	2	0	2	1
Case 40	5	175,811,362	175,956,761	3	0	3	1
Case 40	5	175,957,644	177,683,382	2	0	2	1
Case 40	5	177,683,905	177,867,175	3	0	3	1
Case 40	5	177,868,723	180,686,958	2	0	2	1
Case 40	5	180,687,012	180,693,127	3	0	3	1
Case 40	6	108,666	58,752,089	2	1	3	0
Case 40	6	61,891,118	120,636,227	2	1	3	0
Case 40	6	120,639,044	120,704,438	1	0	1	0
Case 40	6	120,705,746	120,732,398	0	0	0	0
Case 40	6	120,736,857	120,748,778	2	0	2	1
Case 40	6	120,752,983	153,453,987	2	1	3	0
Case 40	6	153,454,558	153,577,020	2	2	4	0
Case 40	6	153,577,503	170,980,171	2	1	3	0
Case 40	7	44,935	3,765,004	3	2	5	0
Case 40	7	3,766,819	4,337,070	3	1	4	0
Case 40	7	4,339,768	8,800,804	3	2	5	0
Case 40	7	8,800,995	8,948,433	4	2	6	0
Case 40	7	8,950,864	12,491,847	3	2	5	0
Case 40	7	12,494,659	12,553,243	4	2	6	0
Case 40	7	12,558,799	12,820,059	3	2	5	0
Case 40	7	12,820,470	13,462,040	4	2	6	0
Case 40	7	13,465,676	19,758,362	3	2	5	0
Case 40	7	19,759,433	20,001,275	4	2	6	0
Case 40	7	20,003,094	27,121,456	3	2	5	0
Case 40	7	27,130,276	27,238,913	3	1	4	0
Case 40	7	27,239,064	38,268,811	3	2	5	0
Case 40	7	38,269,292	38,374,697	4	2	6	0
Case 40	7	38,380,446	42,071,698	3	2	5	0
Case 40	7	42,073,962	42,201,874	3	1	4	0
Case 40	7	42,203,353	57,376,120	3	2	5	0
Case 40	7	57,380,615	58,019,061	3	1	4	0
Case 40	7	61,056,053	63,385,883	3	1	4	0
Case 40	7	63,387,484	69,913,100	3	2	5	0
Case 40	7	69,925,030	70,387,953	3	1	4	0
Case 40	7	70,397,051	82,577,973	3	2	5	0
Case 40	7	82,579,137	82,595,653	3	1	4	0
Case 40	7	82,595,736	88,935,494	3	2	5	0

Case 40	7	88,945,484	89,195,515	3	1	4	0
Case 40	7	89,198,032	99,474,143	3	2	5	0
Case 40	7	99,474,158	100,349,764	3	1	4	0
Case 40	7	100,349,778	100,466,350	3	2	5	0
Case 40	7	100,466,441	100,777,039	3	1	4	0
Case 40	7	100,778,864	100,817,901	3	2	5	0
Case 40	7	100,818,057	100,881,640	3	1	4	0
Case 40	7	100,883,176	118,119,143	3	2	5	0
Case 40	7	118,119,263	118,701,195	4	2	6	0
Case 40	7	118,742,974	127,143,881	3	2	5	0
Case 40	7	127,145,723	127,731,618	3	1	4	0
Case 40	7	127,733,822	131,186,424	3	2	5	0
Case 40	7	131,189,107	131,491,505	3	1	4	0
Case 40	7	131,491,623	140,020,787	3	2	5	0
Case 40	7	140,024,052	140,394,599	3	1	4	0
Case 40	7	140,396,561	141,176,928	3	2	5	0
Case 40	7	141,194,823	141,673,473	3	1	4	0
Case 40	7	141,673,483	142,536,951	3	2	5	0
Case 40	7	142,545,218	143,196,926	3	1	4	0
Case 40	7	143,199,169	151,859,569	3	2	5	0
Case 40	7	151,859,578	151,882,672	3	1	4	0
Case 40	7	151,884,449	159,119,486	3	2	5	0
Case 40	8	164,984	212,894	3	0	3	1
Case 40	8	217,587	3,582,873	2	2	4	0
Case 40	8	3,583,503	3,783,471	2	1	3	0
Case 40	8	3,784,833	3,906,162	2	2	4	0
Case 40	8	3,906,703	4,002,653	2	1	3	0
Case 40	8	4,005,375	4,723,047	2	2	4	0
Case 40	8	4,728,668	4,927,142	2	1	3	0
Case 40	8	4,928,491	5,581,833	2	2	4	0
Case 40	8	5,587,923	5,607,214	2	1	3	0
Case 40	8	5,607,663	10,464,755	2	2	4	0
Case 40	8	10,465,063	10,467,333	2	1	3	0
Case 40	8	10,467,335	13,961,133	2	2	4	0
Case 40	8	13,963,152	14,282,382	2	1	3	0
Case 40	8	14,282,776	15,347,239	2	2	4	0
Case 40	8	15,347,819	15,928,415	2	1	3	0
Case 40	8	15,928,918	32,579,109	2	2	4	0
Case 40	8	32,584,095	32,947,353	2	1	3	0
Case 40	8	32,954,243	36,530,894	2	2	4	0
Case 40	8	36,544,439	37,901,179	3	2	5	0
Case 40	8	37,902,453	43,791,691	2	2	4	0
Case 40	8	46,886,735	146,293,414	2	2	4	0
Case 40	9	46,587	248,030	1	0	1	0
Case 40	9	248,749	484,745	2	0	2	1
Case 40	9	484,786	678,088	1	0	1	0
Case 40	9	678,837	841,866	2	0	2	1
Case 40	9	842,090	917,667	1	0	1	0
Case 40	9	923,342	1,056,887	2	0	2	1
Case 40	9	1,056,959	1,100,738	1	0	1	0
Case 40	9	1,102,058	1,209,190	2	0	2	1
Case 40	9	1,209,265	1,283,014	1	0	1	0
Case 40	9	1,285,567	1,342,763	2	0	2	1
Case 40	9	1,346,388	1,404,008	1	0	1	0
Case 40	9	1,404,690	1,444,746	2	0	2	1
Case 40	9	1,446,149	1,666,693	1	0	1	0
Case 40	9	1,667,544	1,845,946	2	0	2	1
Case 40	9	1,849,664	2,115,271	1	0	1	0
Case 40	9	2,116,037	2,196,734	2	0	2	1
Case 40	9	2,196,932	2,227,896	1	0	1	0
Case 40	9	2,228,689	2,340,310	2	0	2	1

Case 40	9	2,342,136	2,412,296	1	0	1	0
Case 40	9	2,414,600	2,430,911	2	0	2	1
Case 40	9	2,431,272	2,531,098	1	0	1	0
Case 40	9	2,533,445	2,544,610	2	0	2	1
Case 40	9	2,547,156	2,631,092	1	0	1	0
Case 40	9	2,631,680	2,718,349	2	0	2	1
Case 40	9	2,718,415	2,790,307	1	0	1	0
Case 40	9	2,795,953	2,829,799	2	0	2	1
Case 40	9	2,829,836	3,101,606	1	0	1	0
Case 40	9	3,101,626	3,193,862	2	0	2	1
Case 40	9	3,194,613	3,755,135	1	0	1	0
Case 40	9	3,755,938	3,824,004	2	0	2	1
Case 40	9	3,825,328	3,827,120	1	0	1	0
Case 40	9	3,827,824	3,983,003	2	0	2	1
Case 40	9	3,985,549	4,002,823	1	0	1	0
Case 40	9	4,005,108	4,083,587	2	0	2	1
Case 40	9	4,083,665	4,110,947	1	0	1	0
Case 40	9	4,117,602	4,193,531	2	0	2	1
Case 40	9	4,194,762	4,207,680	1	0	1	0
Case 40	9	4,208,429	4,218,631	2	0	2	1
Case 40	9	4,219,259	4,292,083	1	0	1	0
Case 40	9	4,295,583	4,344,768	2	0	2	1
Case 40	9	4,345,431	4,364,438	1	0	1	0
Case 40	9	4,366,058	4,380,096	2	0	2	1
Case 40	9	4,380,523	4,539,377	1	0	1	0
Case 40	9	4,541,368	4,625,359	2	0	2	1
Case 40	9	4,625,415	4,633,488	1	0	1	0
Case 40	9	4,635,232	4,691,570	2	0	2	1
Case 40	9	4,691,765	4,712,407	1	0	1	0
Case 40	9	4,713,058	4,719,182	2	0	2	1
Case 40	9	4,720,263	4,833,305	1	0	1	0
Case 40	9	4,833,437	4,836,811	2	0	2	1
Case 40	9	4,840,063	5,164,266	1	0	1	0
Case 40	9	5,174,638	5,191,468	2	0	2	1
Case 40	9	5,196,253	5,464,065	1	0	1	0
Case 40	9	5,465,130	5,581,140	2	0	2	1
Case 40	9	5,593,419	5,861,604	1	0	1	0
Case 40	9	5,864,988	5,922,529	2	0	2	1
Case 40	9	5,922,860	6,515,433	1	0	1	0
Case 40	9	6,523,011	6,673,285	2	0	2	1
Case 40	9	6,673,465	6,774,846	1	0	1	0
Case 40	9	6,779,505	6,917,615	2	0	2	1
Case 40	9	6,925,663	6,990,510	1	0	1	0
Case 40	9	6,993,811	7,013,986	2	0	2	1
Case 40	9	7,015,330	7,143,431	1	0	1	0
Case 40	9	7,145,264	7,286,599	2	0	2	1
Case 40	9	7,291,256	7,361,202	1	0	1	0
Case 40	9	7,366,297	7,415,094	2	0	2	1
Case 40	9	7,415,340	7,558,769	1	0	1	0
Case 40	9	7,560,568	7,625,060	2	0	2	1
Case 40	9	7,633,155	7,898,810	1	0	1	0
Case 40	9	7,898,998	7,908,874	2	0	2	1
Case 40	9	7,909,429	8,470,572	1	0	1	0
Case 40	9	8,470,974	8,486,335	2	0	2	1
Case 40	9	8,489,006	8,515,987	1	0	1	0
Case 40	9	8,517,383	8,524,854	2	0	2	1
Case 40	9	8,533,412	8,854,069	1	0	1	0
Case 40	9	8,855,603	8,889,419	2	0	2	1
Case 40	9	8,890,725	14,303,488	1	0	1	0
Case 40	9	14,304,973	14,378,776	2	0	2	1
Case 40	9	14,379,104	14,488,950	1	0	1	0

Case 40	9	14,491,347	14,519,301	2	0	2	1
Case 40	9	14,520,560	14,769,803	1	0	1	0
Case 40	9	14,770,658	14,776,178	2	0	2	1
Case 40	9	14,782,497	14,802,948	1	0	1	0
Case 40	9	14,804,141	14,823,283	2	0	2	1
Case 40	9	14,824,799	14,833,003	1	0	1	0
Case 40	9	14,833,488	14,835,081	0	0	0	0
Case 40	9	14,838,860	14,851,703	2	0	2	1
Case 40	9	14,851,841	15,243,411	1	0	1	0
Case 40	9	15,246,652	15,301,428	2	0	2	1
Case 40	9	15,304,782	16,125,443	1	0	1	0
Case 40	9	16,127,905	16,161,233	2	0	2	1
Case 40	9	16,162,546	16,201,392	1	0	1	0
Case 40	9	16,201,612	16,480,296	2	0	2	1
Case 40	9	16,482,083	16,783,380	1	0	1	0
Case 40	9	16,783,482	16,797,461	2	0	2	1
Case 40	9	16,799,569	16,955,901	1	0	1	0
Case 40	9	16,958,312	17,012,980	2	0	2	1
Case 40	9	17,014,026	17,622,213	1	0	1	0
Case 40	9	17,622,897	17,735,707	2	0	2	1
Case 40	9	17,735,905	18,395,376	1	0	1	0
Case 40	9	18,401,585	18,444,138	2	0	2	1
Case 40	9	18,446,300	18,601,564	1	0	1	0
Case 40	9	18,602,403	18,657,647	2	0	2	1
Case 40	9	18,659,794	18,721,580	1	0	1	0
Case 40	9	18,721,584	18,817,594	2	0	2	1
Case 40	9	18,818,890	18,892,552	1	0	1	0
Case 40	9	18,894,714	18,986,580	2	0	2	1
Case 40	9	18,989,696	19,056,398	1	0	1	0
Case 40	9	19,057,965	19,126,307	2	0	2	1
Case 40	9	19,126,476	19,419,528	1	0	1	0
Case 40	9	19,420,040	19,788,166	2	0	2	1
Case 40	9	19,790,795	19,939,469	1	0	1	0
Case 40	9	19,942,311	20,000,600	2	0	2	1
Case 40	9	20,001,782	20,287,282	1	0	1	0
Case 40	9	20,287,612	20,379,884	2	0	2	1
Case 40	9	20,391,116	21,974,640	1	0	1	0
Case 40	9	21,974,720	22,130,065	0	0	0	0
Case 40	9	22,132,076	26,515,052	2	0	2	1
Case 40	9	26,515,617	26,651,364	3	0	3	1
Case 40	9	26,652,538	27,185,613	2	0	2	1
Case 40	9	27,185,762	27,230,152	3	0	3	1
Case 40	9	27,230,196	32,372,462	2	0	2	1
Case 40	9	32,374,666	32,453,278	3	0	3	1
Case 40	9	32,455,262	32,619,211	2	0	2	1
Case 40	9	32,625,622	37,046,091	3	0	3	1
Case 40	9	37,055,109	37,258,237	2	0	2	1
Case 40	9	37,258,316	38,699,239	3	0	3	1
Case 40	9	38,699,876	43,314,125	2	0	2	1
Case 40	9	43,504,854	46,944,322	2	1	3	0
Case 40	9	65,629,772	68,838,523	2	1	3	0
Case 40	9	69,108,060	79,829,278	3	0	3	1
Case 40	9	79,835,101	80,010,025	2	0	2	1
Case 40	9	80,014,376	83,284,737	3	0	3	1
Case 40	9	83,290,499	83,441,767	2	0	2	1
Case 40	9	83,445,616	99,521,119	3	0	3	1
Case 40	9	99,521,123	99,589,296	2	0	2	1
Case 40	9	99,605,174	100,308,517	2	1	3	0
Case 40	9	100,310,534	100,962,566	3	1	4	0
Case 40	9	100,963,653	100,975,481	2	2	4	0
Case 40	9	100,975,694	114,161,657	2	1	3	0

Case 40	9	114,172,355	117,086,271	3	1	4	0
Case 40	9	117,086,356	117,093,142	2	2	4	0
Case 40	9	117,093,856	141,066,491	2	1	3	0
Case 40	10	98,087	28,624,136	4	0	4	1
Case 40	10	28,632,464	31,289,921	7	0	7	1
Case 40	10	31,294,981	38,404,175	4	0	4	1
Case 40	10	38,404,188	39,070,516	3	0	3	1
Case 40	10	39,088,829	39,097,912	2	0	2	1
Case 40	10	42,436,301	43,607,555	2	0	2	1
Case 40	10	43,609,122	43,882,723	3	0	3	1
Case 40	10	43,883,034	44,448,664	2	0	2	1
Case 40	10	44,448,756	45,012,043	3	0	3	1
Case 40	10	45,012,946	45,407,004	2	0	2	1
Case 40	10	45,407,333	45,476,295	3	0	3	1
Case 40	10	45,478,015	46,999,958	2	0	2	1
Case 40	10	47,000,019	49,400,746	3	0	3	1
Case 40	10	49,403,906	49,724,773	2	0	2	1
Case 40	10	49,730,920	50,178,250	3	0	3	1
Case 40	10	50,181,364	50,355,418	2	0	2	1
Case 40	10	50,357,938	50,634,956	3	0	3	1
Case 40	10	50,635,226	50,757,504	2	0	2	1
Case 40	10	50,762,747	50,879,878	3	0	3	1
Case 40	10	50,887,500	50,914,272	2	0	2	1
Case 40	10	50,916,484	50,968,795	3	0	3	1
Case 40	10	50,981,186	61,939,519	2	0	2	1
Case 40	10	61,940,899	62,235,173	3	0	3	1
Case 40	10	62,235,443	62,616,883	2	0	2	1
Case 40	10	62,618,398	62,690,415	3	0	3	1
Case 40	10	62,697,642	64,124,637	2	0	2	1
Case 40	10	64,128,133	64,833,459	3	0	3	1
Case 40	10	64,835,310	65,562,475	2	0	2	1
Case 40	10	65,563,206	65,791,943	3	0	3	1
Case 40	10	65,794,344	70,551,048	2	0	2	1
Case 40	10	70,571,101	72,292,441	3	0	3	1
Case 40	10	72,293,702	72,326,344	2	0	2	1
Case 40	10	72,326,361	72,360,130	3	0	3	1
Case 40	10	72,360,214	72,396,646	2	0	2	1
Case 40	10	72,399,179	72,489,879	3	0	3	1
Case 40	10	72,489,891	72,524,341	2	0	2	1
Case 40	10	72,524,508	74,004,742	3	0	3	1
Case 40	10	74,010,785	74,040,034	2	0	2	1
Case 40	10	74,043,803	74,235,033	3	0	3	1
Case 40	10	74,238,454	74,990,272	2	0	2	1
Case 40	10	74,992,758	75,708,906	3	0	3	1
Case 40	10	75,727,098	76,788,267	2	0	2	1
Case 40	10	76,788,345	76,857,470	3	0	3	1
Case 40	10	76,857,504	77,698,806	2	0	2	1
Case 40	10	77,700,235	78,199,638	3	0	3	1
Case 40	10	78,204,760	78,645,453	2	0	2	1
Case 40	10	78,646,536	79,764,621	3	0	3	1
Case 40	10	79,767,484	79,929,802	2	0	2	1
Case 40	10	79,931,975	81,739,920	3	0	3	1
Case 40	10	81,748,708	81,895,970	2	0	2	1
Case 40	10	81,900,893	82,054,873	3	0	3	1
Case 40	10	82,057,988	82,165,427	2	0	2	1
Case 40	10	82,174,761	82,479,714	3	0	3	1
Case 40	10	82,480,172	85,944,516	2	0	2	1
Case 40	10	85,950,406	85,970,853	3	0	3	1
Case 40	10	85,970,910	86,276,956	2	0	2	1
Case 40	10	86,281,044	86,368,463	3	0	3	1
Case 40	10	86,369,436	87,316,082	2	0	2	1

Case 40	10	87,320,674	88,200,383	3	0	3	1
Case 40	10	88,202,298	88,422,116	2	0	2	1
Case 40	10	88,422,151	88,446,830	3	0	3	1
Case 40	10	88,449,377	89,335,977	2	0	2	1
Case 40	10	89,336,834	89,457,851	3	0	3	1
Case 40	10	89,459,858	89,786,353	2	0	2	1
Case 40	10	89,787,367	90,034,737	3	0	3	1
Case 40	10	90,038,033	91,065,949	2	0	2	1
Case 40	10	91,066,038	91,315,670	3	0	3	1
Case 40	10	91,315,684	93,973,279	2	0	2	1
Case 40	10	93,977,203	94,267,880	3	0	3	1
Case 40	10	94,267,953	94,460,650	2	0	2	1
Case 40	10	94,461,344	94,621,540	3	0	3	1
Case 40	10	94,622,028	94,822,350	2	0	2	1
Case 40	10	94,822,580	95,169,364	3	0	3	1
Case 40	10	95,170,675	96,795,524	2	0	2	1
Case 40	10	96,796,861	96,804,451	3	0	3	1
Case 40	10	96,804,676	96,987,103	2	0	2	1
Case 40	10	96,988,377	97,257,034	3	0	3	1
Case 40	10	97,260,248	97,983,635	2	0	2	1
Case 40	10	97,987,252	99,285,132	3	0	3	1
Case 40	10	99,286,003	99,338,131	2	0	2	1
Case 40	10	99,338,262	99,890,470	3	0	3	1
Case 40	10	99,891,010	100,037,683	2	0	2	1
Case 40	10	100,044,136	100,247,590	3	0	3	1
Case 40	10	100,249,295	101,090,246	2	0	2	1
Case 40	10	101,090,322	101,716,711	3	0	3	1
Case 40	10	101,716,897	102,000,701	2	0	2	1
Case 40	10	102,003,456	102,648,765	3	0	3	1
Case 40	10	102,653,765	102,709,849	2	0	2	1
Case 40	10	102,715,183	102,762,544	3	0	3	1
Case 40	10	102,762,581	102,780,638	2	0	2	1
Case 40	10	102,782,087	104,638,723	3	0	3	1
Case 40	10	104,640,955	105,138,047	2	0	2	1
Case 40	10	105,138,961	105,586,509	3	0	3	1
Case 40	10	105,590,558	105,788,905	2	0	2	1
Case 40	10	105,791,355	105,882,253	3	0	3	1
Case 40	10	105,882,765	106,075,500	2	0	2	1
Case 40	10	106,075,592	107,021,332	3	0	3	1
Case 40	10	107,022,160	111,421,513	2	0	2	1
Case 40	10	111,424,646	111,667,535	3	0	3	1
Case 40	10	111,669,239	112,056,098	2	0	2	1
Case 40	10	112,067,334	112,208,231	3	0	3	1
Case 40	10	112,208,500	112,388,002	2	0	2	1
Case 40	10	112,389,466	112,623,274	3	0	3	1
Case 40	10	112,633,918	113,516,494	2	0	2	1
Case 40	10	113,516,620	114,207,480	3	0	3	1
Case 40	10	114,209,703	114,435,232	2	0	2	1
Case 40	10	114,436,559	114,711,983	3	0	3	1
Case 40	10	114,723,650	114,849,353	2	0	2	1
Case 40	10	114,849,399	115,559,445	3	0	3	1
Case 40	10	115,561,171	115,685,187	2	0	2	1
Case 40	10	115,694,632	115,884,927	3	0	3	1
Case 40	10	115,885,779	116,000,453	2	0	2	1
Case 40	10	116,003,053	116,582,560	3	0	3	1
Case 40	10	116,588,737	118,357,676	2	0	2	1
Case 40	10	118,357,677	118,637,809	3	0	3	1
Case 40	10	118,639,142	118,968,222	2	0	2	1
Case 40	10	118,969,028	119,044,800	3	0	3	1
Case 40	10	119,044,940	119,237,988	2	0	2	1
Case 40	10	119,243,566	119,691,399	3	0	3	1

Case 40	10	119,692,335	120,204,872	2	0	2	1
Case 40	10	120,206,869	120,363,944	3	0	3	1
Case 40	10	120,366,163	120,566,921	2	0	2	1
Case 40	10	120,571,732	121,586,964	3	0	3	1
Case 40	10	121,586,968	121,662,392	2	0	2	1
Case 40	10	121,662,413	122,601,003	3	0	3	1
Case 40	10	122,604,051	122,834,737	2	0	2	1
Case 40	10	122,848,522	123,488,067	3	0	3	1
Case 40	10	123,490,869	123,770,094	2	0	2	1
Case 40	10	123,772,907	124,640,763	3	0	3	1
Case 40	10	124,645,141	125,220,256	2	0	2	1
Case 40	10	125,221,123	125,256,216	3	0	3	1
Case 40	10	125,257,608	125,294,649	2	0	2	1
Case 40	10	125,294,814	126,383,857	3	0	3	1
Case 40	10	126,393,823	126,719,704	2	0	2	1
Case 40	10	126,721,702	127,452,054	3	0	3	1
Case 40	10	127,453,199	127,569,348	2	0	2	1
Case 40	10	127,626,702	128,030,262	3	0	3	1
Case 40	10	128,039,386	128,089,672	2	0	2	1
Case 40	10	128,094,493	129,307,068	3	0	3	1
Case 40	10	129,309,600	129,478,197	2	0	2	1
Case 40	10	129,479,279	129,653,425	3	0	3	1
Case 40	10	129,654,224	129,768,280	2	0	2	1
Case 40	10	129,769,546	130,957,528	3	0	3	1
Case 40	10	130,957,661	131,200,443	2	0	2	1
Case 40	10	131,203,176	131,830,640	3	0	3	1
Case 40	10	131,830,899	131,922,572	2	0	2	1
Case 40	10	131,923,726	132,604,292	3	0	3	1
Case 40	10	132,605,497	132,803,392	2	0	2	1
Case 40	10	132,811,254	134,650,334	3	0	3	1
Case 40	10	134,650,410	135,155,292	2	0	2	1
Case 40	10	135,157,955	135,353,079	3	0	3	1
Case 40	10	135,353,499	135,477,883	2	0	2	1
Case 40	11	193,146	50,071,081	2	1	3	0
Case 40	11	50,095,560	50,199,280	1	0	1	0
Case 40	11	50,217,658	50,296,502	2	0	2	1
Case 40	11	50,325,741	50,349,310	1	0	1	0
Case 40	11	50,367,359	50,368,121	2	0	2	1
Case 40	11	50,369,683	51,591,253	2	1	3	0
Case 40	11	54,794,237	97,816,967	2	1	3	0
Case 40	11	97,818,476	97,871,998	1	0	1	0
Case 40	11	97,874,919	97,874,919	2	0	2	1
Case 40	11	97,879,598	134,934,063	2	1	3	0
Case 40	12	191,619	19,987,369	2	1	3	0
Case 40	12	19,990,847	20,098,878	4	1	5	0
Case 40	12	20,100,993	20,102,148	2	0	2	1
Case 40	12	20,104,759	34,853,011	2	1	3	0
Case 40	12	37,876,400	131,797,608	2	1	3	0
Case 40	12	131,800,059	131,824,796	1	0	1	0
Case 40	12	131,825,125	131,825,125	2	0	2	1
Case 40	12	131,830,332	133,810,935	2	1	3	0
Case 40	13	19,058,717	32,907,129	3	2	5	0
Case 40	13	32,907,277	32,914,623	4	2	6	0
Case 40	13	32,914,712	115,103,529	3	2	5	0
Case 40	14	19,280,733	20,404,076	3	0	3	1
Case 40	14	20,404,090	20,416,499	2	2	4	0
Case 40	14	20,420,338	20,444,162	2	1	3	0
Case 40	14	20,444,182	20,502,044	2	0	2	1
Case 40	14	20,502,070	20,529,131	3	0	3	1
Case 40	14	20,533,972	20,691,881	2	0	2	1
Case 40	14	20,691,888	20,698,504	3	0	3	1



Case 40	14	20,708,308	20,822,308	2	0	2	1
Case 40	14	20,823,033	20,992,497	3	0	3	1
Case 40	14	20,992,887	21,068,103	2	0	2	1
Case 40	14	21,069,321	21,795,940	3	0	3	1
Case 40	14	21,795,949	22,037,905	2	0	2	1
Case 40	14	22,038,001	23,416,651	3	0	3	1
Case 40	14	23,416,865	23,502,746	2	0	2	1
Case 40	14	23,504,021	24,140,597	3	0	3	1
Case 40	14	24,142,500	24,289,810	2	0	2	1
Case 40	14	24,294,206	24,877,468	3	0	3	1
Case 40	14	24,877,699	24,974,621	2	0	2	1
Case 40	14	24,974,790	25,283,341	3	0	3	1
Case 40	14	25,285,800	32,772,850	2	0	2	1
Case 40	14	32,775,361	32,919,375	3	0	3	1
Case 40	14	32,923,336	33,046,471	2	0	2	1
Case 40	14	33,047,357	33,172,438	3	0	3	1
Case 40	14	33,173,384	33,910,447	2	0	2	1
Case 40	14	33,912,069	34,247,709	3	0	3	1
Case 40	14	34,252,215	34,396,100	2	0	2	1
Case 40	14	34,400,943	35,452,302	3	0	3	1
Case 40	14	35,477,499	35,830,938	2	0	2	1
Case 40	14	35,831,836	35,997,555	3	0	3	1
Case 40	14	35,998,386	50,404,182	2	0	2	1
Case 40	14	50,406,826	50,549,828	3	0	3	1
Case 40	14	50,550,242	51,208,446	2	0	2	1
Case 40	14	51,210,247	51,544,623	3	0	3	1
Case 40	14	51,552,126	52,273,663	2	0	2	1
Case 40	14	52,275,166	52,741,646	3	0	3	1
Case 40	14	52,741,950	53,914,026	2	0	2	1
Case 40	14	53,919,309	54,107,791	3	0	3	1
Case 40	14	54,116,125	54,321,284	2	0	2	1
Case 40	14	54,328,682	54,861,808	3	0	3	1
Case 40	14	54,862,710	55,088,571	2	0	2	1
Case 40	14	55,089,882	55,241,701	3	0	3	1
Case 40	14	55,242,336	56,265,176	2	0	2	1
Case 40	14	56,266,816	57,053,022	3	0	3	1
Case 40	14	57,054,104	59,458,059	2	0	2	1
Case 40	14	59,458,350	59,693,983	3	0	3	1
Case 40	14	59,694,643	60,137,609	2	0	2	1
Case 40	14	60,144,313	107,287,663	3	0	3	1
Case 40	15	20,034,919	26,328,962	3	0	3	1
Case 40	15	26,332,501	102,461,162	4	0	4	1
Case 40	16	88,165	103,456	4	0	4	1
Case 40	16	103,517	35,285,582	2	2	4	0
Case 40	16	46,450,037	81,170,741	2	2	4	0
Case 40	16	81,171,069	81,172,338	2	1	3	0
Case 40	16	81,173,030	81,175,103	2	0	2	1
Case 40	16	81,180,988	81,180,988	2	1	3	0
Case 40	16	81,180,995	90,274,695	2	2	4	0
Case 40	17	11,885	22,242,355	3	0	3	1
Case 40	17	25,268,142	81,060,040	3	0	3	1
Case 40	18	87,505	1,967,345	2	0	2	1
Case 40	18	1,967,518	2,036,121	3	0	3	1
Case 40	18	2,036,219	2,825,377	2	0	2	1
Case 40	18	2,825,418	4,009,380	3	0	3	1
Case 40	18	4,014,959	4,116,903	2	0	2	1
Case 40	18	4,119,869	4,181,793	3	0	3	1
Case 40	18	4,182,758	7,231,996	2	0	2	1
Case 40	18	7,232,892	7,479,108	3	0	3	1
Case 40	18	7,479,133	8,271,135	2	0	2	1
Case 40	18	8,275,857	8,796,354	3	0	3	1

Case 40	18	8,797,022	8,802,775	2	0	2	1
Case 40	18	8,803,251	8,835,330	3	0	3	1
Case 40	18	8,835,869	9,526,634	2	0	2	1
Case 40	18	9,527,100	9,871,870	3	0	3	1
Case 40	18	9,871,956	9,984,478	2	0	2	1
Case 40	18	9,986,354	10,567,782	3	0	3	1
Case 40	18	10,572,323	10,699,142	2	0	2	1
Case 40	18	10,700,973	10,842,934	3	0	3	1
Case 40	18	10,843,058	10,997,117	2	0	2	1
Case 40	18	10,997,640	11,228,713	3	0	3	1
Case 40	18	11,232,515	11,752,943	2	0	2	1
Case 40	18	11,759,432	12,449,725	3	0	3	1
Case 40	18	12,454,384	13,217,574	2	0	2	1
Case 40	18	13,219,641	13,681,876	3	0	3	1
Case 40	18	13,681,901	13,803,024	2	0	2	1
Case 40	18	13,803,519	13,891,602	3	0	3	1
Case 40	18	13,907,526	15,249,516	2	0	2	1
Case 40	18	15,330,525	15,375,878	2	1	3	0
Case 40	18	18,520,354	66,744,288	2	1	3	0
Case 40	18	66,744,308	66,744,308	1	0	1	0
Case 40	18	66,747,568	66,755,508	0	0	0	0
Case 40	18	66,758,232	66,758,232	2	0	2	1
Case 40	18	66,758,828	78,015,180	2	1	3	0
Case 40	19	260,912	430,690	3	0	3	1
Case 40	19	434,847	582,927	2	0	2	1
Case 40	19	583,268	683,221	3	0	3	1
Case 40	19	683,719	757,968	2	0	2	1
Case 40	19	757,971	1,046,520	3	0	3	1
Case 40	19	1,047,016	1,056,431	2	0	2	1
Case 40	19	1,056,563	2,241,327	3	0	3	1
Case 40	19	2,242,829	2,290,977	2	0	2	1
Case 40	19	2,294,279	2,936,535	3	0	3	1
Case 40	19	2,936,559	2,994,946	2	0	2	1
Case 40	19	2,994,967	4,488,757	3	0	3	1
Case 40	19	4,491,603	4,510,850	2	0	2	1
Case 40	19	4,510,874	7,528,734	3	0	3	1
Case 40	19	7,528,817	7,573,287	2	0	2	1
Case 40	19	7,574,918	8,106,521	3	0	3	1
Case 40	19	8,111,982	8,167,643	2	0	2	1
Case 40	19	8,167,685	8,486,884	3	0	3	1
Case 40	19	8,486,953	8,509,905	2	0	2	1
Case 40	19	8,509,965	8,842,187	3	0	3	1
Case 40	19	8,905,057	8,966,475	2	0	2	1
Case 40	19	8,966,588	9,297,079	3	0	3	1
Case 40	19	9,297,196	9,929,038	2	0	2	1
Case 40	19	9,932,831	11,727,503	3	0	3	1
Case 40	19	11,727,763	12,719,846	2	0	2	1
Case 40	19	12,721,401	13,888,905	3	0	3	1
Case 40	19	13,888,986	14,130,215	2	0	2	1
Case 40	19	14,134,498	15,276,739	3	0	3	1
Case 40	19	15,276,755	15,740,067	2	0	2	1
Case 40	19	15,740,354	17,211,568	3	0	3	1
Case 40	19	17,212,570	17,394,737	2	0	2	1
Case 40	19	17,394,770	17,922,777	3	0	3	1
Case 40	19	17,922,795	17,937,710	2	0	2	1
Case 40	19	17,937,786	19,643,028	3	0	3	1
Case 40	19	19,643,487	19,655,969	2	0	2	1
Case 40	19	19,657,143	19,770,513	3	0	3	1
Case 40	19	19,770,591	24,629,285	2	0	2	1
Case 40	19	27,732,159	29,350,969	2	0	2	1
Case 40	19	29,352,099	30,007,635	3	0	3	1

Case 40	19	30,024,773	30,613,592	2	0	2	1
Case 40	19	30,613,695	30,806,165	3	0	3	1
Case 40	19	30,809,481	32,023,183	2	0	2	1
Case 40	19	32,026,040	32,595,038	3	0	3	1
Case 40	19	32,596,903	33,014,643	2	0	2	1
Case 40	19	33,026,580	34,662,450	3	0	3	1
Case 40	19	34,663,851	35,078,135	2	0	2	1
Case 40	19	35,079,781	36,265,508	3	0	3	1
Case 40	19	36,268,471	36,315,399	2	0	2	1
Case 40	19	36,317,455	36,822,594	3	0	3	1
Case 40	19	36,825,458	38,378,539	2	0	2	1
Case 40	19	38,378,669	38,877,168	3	0	3	1
Case 40	19	38,877,754	38,933,120	2	0	2	1
Case 40	19	38,934,807	39,888,449	3	0	3	1
Case 40	19	39,889,691	39,905,650	2	0	2	1
Case 40	19	39,905,662	40,363,926	3	0	3	1
Case 40	19	40,364,169	40,877,284	2	0	2	1
Case 40	19	40,877,595	41,114,407	3	0	3	1
Case 40	19	41,117,072	41,223,435	2	0	2	1
Case 40	19	41,223,467	43,285,368	3	0	3	1
Case 40	19	43,328,006	43,519,442	2	2	4	0
Case 40	19	43,523,068	43,537,378	4	0	4	1
Case 40	19	43,539,189	44,301,400	3	0	3	1
Case 40	19	44,301,425	44,501,145	2	0	2	1
Case 40	19	44,501,243	44,646,572	3	0	3	1
Case 40	19	44,652,748	44,983,604	2	0	2	1
Case 40	19	44,986,702	45,636,201	3	0	3	1
Case 40	19	45,639,988	45,852,126	2	0	2	1
Case 40	19	45,852,133	46,206,261	3	0	3	1
Case 40	19	46,206,425	46,280,799	2	0	2	1
Case 40	19	46,280,838	46,984,209	3	0	3	1
Case 40	19	46,993,486	47,133,937	2	0	2	1
Case 40	19	47,136,394	49,114,383	3	0	3	1
Case 40	19	49,116,134	49,174,170	2	0	2	1
Case 40	19	49,183,284	49,183,284	1	0	1	0
Case 40	19	49,184,380	49,206,462	0	0	0	0
Case 40	19	49,206,631	49,224,120	2	0	2	1
Case 40	19	49,224,141	49,963,010	3	0	3	1
Case 40	19	49,963,015	49,977,218	2	0	2	1
Case 40	19	49,977,929	50,492,564	3	0	3	1
Case 40	19	50,492,971	50,548,191	2	0	2	1
Case 40	19	50,548,367	52,386,723	3	0	3	1
Case 40	19	52,388,229	53,968,383	2	0	2	1
Case 40	19	53,970,581	54,206,688	3	0	3	1
Case 40	19	54,207,589	54,314,097	2	0	2	1
Case 40	19	54,314,134	54,652,203	3	0	3	1
Case 40	19	54,652,265	54,696,167	2	0	2	1
Case 40	19	54,697,079	55,871,205	3	0	3	1
Case 40	19	55,871,302	55,877,111	2	0	2	1
Case 40	19	55,877,255	56,735,119	3	0	3	1
Case 40	19	56,735,153	57,132,734	2	0	2	1
Case 40	19	57,132,879	57,723,892	3	0	3	1
Case 40	19	57,724,081	58,050,063	2	0	2	1
Case 40	19	58,058,246	58,099,976	3	0	3	1
Case 40	19	58,101,389	58,684,611	2	0	2	1
Case 40	19	58,689,834	58,761,107	3	0	3	1
Case 40	19	58,766,874	58,797,098	2	0	2	1
Case 40	19	58,799,781	58,846,306	3	0	3	1
Case 40	19	58,846,338	59,097,160	2	0	2	1
Case 40	20	63,244	26,293,985	4	0	4	1
Case 40	20	29,425,357	62,948,788	4	0	4	1

Case 40	21	10,827,533	10,971,337	2	1	3	0
Case 40	21	14,368,320	14,368,320	2	1	3	0
Case 40	21	14,613,203	14,998,515	1	0	1	0
Case 40	21	15,011,015	15,449,004	2	0	2	1
Case 40	21	15,462,504	16,336,804	1	0	1	0
Case 40	21	16,337,102	16,338,357	2	0	2	1
Case 40	21	16,338,368	18,740,538	1	0	1	0
Case 40	21	18,741,831	18,937,978	2	0	2	1
Case 40	21	18,938,080	19,044,975	1	0	1	0
Case 40	21	19,046,753	19,154,417	2	0	2	1
Case 40	21	19,161,515	22,090,256	1	0	1	0
Case 40	21	22,094,839	23,109,831	2	0	2	1
Case 40	21	23,110,330	27,075,005	1	0	1	0
Case 40	21	27,078,296	27,335,022	2	0	2	1
Case 40	21	27,336,168	27,537,769	1	0	1	0
Case 40	21	27,544,041	27,666,882	2	0	2	1
Case 40	21	27,676,401	27,723,281	1	0	1	0
Case 40	21	27,724,640	27,796,993	2	0	2	1
Case 40	21	27,800,894	28,209,395	1	0	1	0
Case 40	21	28,209,494	28,223,382	2	0	2	1
Case 40	21	28,225,582	28,296,559	1	0	1	0
Case 40	21	28,296,688	28,338,307	2	0	2	1
Case 40	21	28,338,425	29,017,708	1	0	1	0
Case 40	21	29,022,265	30,441,775	2	0	2	1
Case 40	21	30,445,291	30,690,558	3	0	3	1
Case 40	21	30,693,612	31,654,830	2	0	2	1
Case 40	21	31,654,917	31,719,582	3	0	3	1
Case 40	21	31,719,836	32,484,078	2	0	2	1
Case 40	21	32,485,200	33,058,677	3	0	3	1
Case 40	21	33,060,747	33,140,026	2	0	2	1
Case 40	21	33,146,821	33,998,314	3	0	3	1
Case 40	21	33,999,859	34,125,319	2	0	2	1
Case 40	21	34,137,026	34,806,288	3	0	3	1
Case 40	21	34,809,233	35,199,880	2	0	2	1
Case 40	21	35,200,374	35,468,912	3	0	3	1
Case 40	21	35,469,168	35,922,006	2	0	2	1
Case 40	21	35,926,150	36,723,544	3	0	3	1
Case 40	21	36,727,663	36,916,787	2	0	2	1
Case 40	21	36,919,816	38,511,531	3	0	3	1
Case 40	21	38,512,257	38,528,987	2	0	2	1
Case 40	21	38,531,871	40,234,202	3	0	3	1
Case 40	21	40,235,830	40,289,454	2	0	2	1
Case 40	21	40,291,413	40,504,502	3	0	3	1
Case 40	21	40,504,673	40,826,063	2	0	2	1
Case 40	21	40,843,234	41,416,119	3	0	3	1
Case 40	21	41,416,163	41,750,435	2	0	2	1
Case 40	21	41,751,640	44,836,747	3	0	3	1
Case 40	21	44,836,770	44,840,278	2	0	2	1
Case 40	21	44,840,296	47,419,606	3	0	3	1
Case 40	21	47,421,947	47,423,869	2	0	2	1
Case 40	21	47,424,346	47,704,399	3	0	3	1
Case 40	21	47,704,461	47,738,111	2	0	2	1
Case 40	21	47,738,114	47,805,891	3	0	3	1
Case 40	21	47,808,673	47,863,853	2	0	2	1
Case 40	21	47,864,633	48,100,155	3	0	3	1
Case 40	22	16,114,244	17,591,089	2	0	2	1
Case 40	22	17,593,685	51,195,728	3	0	3	1
Case 43	1	82,154	97,856,946	1	1	2	0
Case 43	1	97,857,061	97,981,343	2	0	2	1
Case 43	1	97,981,395	121,346,616	1	1	2	0
Case 43	1	142,649,718	233,608,565	1	1	2	0

Case 43	1	233,619,908	233,636,625	7	0	7	1
Case 43	1	233,643,110	233,655,782	2	0	2	1
Case 43	1	233,656,871	249,218,992	1	1	2	0
Case 43	2	18,674	5,487,097	2	0	2	1
Case 43	2	5,487,627	6,440,370	1	1	2	0
Case 43	2	6,443,216	6,704,257	1	0	1	0
Case 43	2	6,704,579	13,279,945	2	0	2	1
Case 43	2	13,282,236	14,286,717	1	0	1	0
Case 43	2	14,286,928	49,510,173	2	0	2	1
Case 43	2	49,515,633	50,874,084	1	1	2	0
Case 43	2	50,874,309	57,431,622	2	0	2	1
Case 43	2	57,434,112	59,497,734	1	0	1	0
Case 43	2	59,499,347	75,620,383	2	0	2	1
Case 43	2	75,627,059	75,846,545	1	1	2	0
Case 43	2	75,846,558	79,178,130	1	0	1	0
Case 43	2	79,182,821	92,081,640	2	0	2	1
Case 43	2	95,429,424	99,784,407	2	0	2	1
Case 43	2	99,787,009	100,679,024	1	0	1	0
Case 43	2	100,683,550	104,298,541	2	0	2	1
Case 43	2	104,302,099	105,114,879	1	0	1	0
Case 43	2	105,115,341	133,516,599	2	0	2	1
Case 43	2	133,517,783	134,548,819	1	1	2	0
Case 43	2	134,549,860	141,623,459	2	0	2	1
Case 43	2	141,623,557	142,012,151	1	0	1	0
Case 43	2	142,012,161	218,352,602	2	0	2	1
Case 43	2	218,354,130	220,115,640	2	1	3	0
Case 43	2	220,116,831	220,474,173	2	0	2	1
Case 43	2	220,476,407	230,074,837	2	1	3	0
Case 43	2	230,076,347	232,457,762	2	0	2	1
Case 43	2	232,457,829	235,103,289	2	1	3	0
Case 43	2	235,110,179	235,607,892	2	0	2	1
Case 43	2	235,609,613	238,243,281	2	1	3	0
Case 43	2	238,243,292	243,048,760	2	0	2	1
Case 43	3	61,495	90,442,925	1	1	2	0
Case 43	3	93,537,290	197,838,262	1	1	2	0
Case 43	4	71,566	575,087	1	0	1	0
Case 43	4	583,559	5,749,784	2	0	2	1
Case 43	4	5,749,814	6,303,022	1	1	2	0
Case 43	4	6,303,072	43,296,814	2	0	2	1
Case 43	4	43,298,226	47,543,891	1	0	1	0
Case 43	4	47,544,012	49,620,898	2	0	2	1
Case 43	4	52,697,856	60,442,490	2	0	2	1
Case 43	4	60,458,820	66,562,536	1	0	1	0
Case 43	4	66,563,086	69,962,375	2	0	2	1
Case 43	4	69,962,449	70,715,954	1	0	1	0
Case 43	4	70,716,022	90,770,408	2	0	2	1
Case 43	4	90,775,212	93,344,512	1	0	1	0
Case 43	4	93,346,743	106,604,223	2	0	2	1
Case 43	4	106,613,821	108,829,730	1	0	1	0
Case 43	4	108,829,880	117,803,266	2	0	2	1
Case 43	4	117,830,724	118,722,033	1	0	1	0
Case 43	4	118,722,199	126,400,922	2	0	2	1
Case 43	4	126,400,970	126,411,388	1	1	2	0
Case 43	4	126,411,605	126,412,283	2	0	2	1
Case 43	4	126,412,332	128,304,199	1	0	1	0
Case 43	4	128,313,686	130,952,981	2	0	2	1
Case 43	4	130,956,277	138,440,012	1	0	1	0
Case 43	4	138,442,265	156,055,961	2	0	2	1
Case 43	4	156,057,352	157,383,426	1	0	1	0
Case 43	4	157,383,920	160,840,630	2	0	2	1
Case 43	4	160,857,395	161,968,079	1	0	1	0

Case 43	4	161,982,414	177,180,575	2	0	2	1
Case 43	4	177,184,276	178,069,165	1	0	1	0
Case 43	4	178,072,504	179,362,277	2	0	2	1
Case 43	4	179,363,159	181,907,769	1	0	1	0
Case 43	4	181,910,926	190,963,766	2	0	2	1
Case 43	5	38,139	40,854,228	2	0	2	1
Case 43	5	40,854,296	41,006,444	0	0	0	0
Case 43	5	41,007,450	41,161,898	1	1	2	0
Case 43	5	41,161,919	42,422,855	2	0	2	1
Case 43	5	42,455,956	46,399,093	1	0	1	0
Case 43	5	49,457,282	51,879,370	1	0	1	0
Case 43	5	51,886,039	56,047,451	2	0	2	1
Case 43	5	56,061,564	57,254,667	1	1	2	0
Case 43	5	57,274,320	61,437,645	2	0	2	1
Case 43	5	61,438,771	61,876,773	1	0	1	0
Case 43	5	61,880,915	64,511,219	2	0	2	1
Case 43	5	64,512,523	64,842,156	1	0	1	0
Case 43	5	64,842,825	83,319,613	2	0	2	1
Case 43	5	83,329,010	88,453,376	1	0	1	0
Case 43	5	88,468,185	100,221,465	2	0	2	1
Case 43	5	100,231,428	110,542,451	1	0	1	0
Case 43	5	110,542,854	139,930,736	2	0	2	1
Case 43	5	139,931,384	139,931,652	0	0	0	0
Case 43	5	139,931,653	140,166,953	1	1	2	0
Case 43	5	140,167,025	140,176,840	1	0	1	0
Case 43	5	140,176,842	153,029,960	2	0	2	1
Case 43	5	153,030,051	153,735,484	1	1	2	0
Case 43	5	153,737,288	180,693,127	2	0	2	1
Case 43	6	108,666	1,067,284	1	1	2	0
Case 43	6	1,074,922	28,696,063	2	0	2	1
Case 43	6	28,697,086	28,922,719	1	1	2	0
Case 43	6	28,923,367	28,923,367	2	0	2	1
Case 43	6	28,923,980	29,431,698	1	0	1	0
Case 43	6	29,432,390	32,366,226	2	0	2	1
Case 43	6	32,366,421	32,373,801	0	0	0	0
Case 43	6	32,374,640	32,395,036	1	1	2	0
Case 43	6	32,395,568	39,026,703	2	0	2	1
Case 43	6	39,030,401	40,581,254	1	1	2	0
Case 43	6	40,582,580	57,540,722	2	0	2	1
Case 43	6	57,561,493	58,752,089	1	0	1	0
Case 43	6	61,891,118	68,277,173	1	0	1	0
Case 43	6	68,277,575	71,599,788	2	0	2	1
Case 43	6	71,599,826	71,997,278	1	1	2	0
Case 43	6	71,999,404	81,385,896	2	0	2	1
Case 43	6	81,387,450	82,140,311	1	0	1	0
Case 43	6	82,149,482	84,504,749	2	0	2	1
Case 43	6	84,520,520	85,122,601	1	0	1	0
Case 43	6	85,125,094	111,695,444	2	0	2	1
Case 43	6	111,695,524	111,966,134	1	0	1	0
Case 43	6	111,968,788	119,878,915	2	0	2	1
Case 43	6	119,881,344	170,980,171	1	1	2	0
Case 43	7	44,935	6,062,828	3	0	3	1
Case 43	7	6,063,036	12,695,507	4	0	4	1
Case 43	7	12,697,797	13,696,843	3	2	5	0
Case 43	7	13,697,970	15,735,559	3	1	4	0
Case 43	7	15,739,044	20,180,292	3	3	6	0
Case 43	7	20,180,717	20,967,833	4	0	4	1
Case 43	7	20,970,137	30,255,901	3	3	6	0
Case 43	7	30,270,403	31,323,316	4	2	6	0
Case 43	7	31,327,300	34,851,475	3	3	6	0
Case 43	7	34,852,665	41,375,956	4	0	4	1

Case 43	7	41,382,433	46,619,758	3	0	3	1
Case 43	7	46,620,145	47,224,680	2	0	2	1
Case 43	7	47,225,542	47,847,751	4	0	4	1
Case 43	7	47,847,865	49,378,273	3	0	3	1
Case 43	7	49,403,143	52,866,542	4	0	4	1
Case 43	7	52,868,222	58,019,061	3	0	3	1
Case 43	7	61,056,053	63,758,482	3	0	3	1
Case 43	7	63,771,372	70,880,650	2	0	2	1
Case 43	7	70,880,998	71,654,356	4	0	4	1
Case 43	7	71,659,538	72,169,613	3	0	3	1
Case 43	7	72,193,854	149,484,963	2	0	2	1
Case 43	7	149,484,986	149,528,255	1	0	1	0
Case 43	7	149,528,262	159,119,486	2	0	2	1
Case 43	8	164,984	1,721,090	1	1	2	0
Case 43	8	1,723,749	1,908,052	1	0	1	0
Case 43	8	1,911,393	2,783,183	1	1	2	0
Case 43	8	2,784,418	6,016,650	1	0	1	0
Case 43	8	6,016,801	9,437,352	1	1	2	0
Case 43	8	9,437,705	10,722,058	1	0	1	0
Case 43	8	10,726,464	11,829,308	1	1	2	0
Case 43	8	11,830,502	17,197,967	1	0	1	0
Case 43	8	17,198,915	17,613,005	1	1	2	0
Case 43	8	17,613,010	20,184,824	1	0	1	0
Case 43	8	20,185,105	21,768,370	1	1	2	0
Case 43	8	21,769,432	23,104,413	1	0	1	0
Case 43	8	23,104,612	27,516,706	1	1	2	0
Case 43	8	27,516,855	27,808,994	1	0	1	0
Case 43	8	27,810,577	30,469,817	1	1	2	0
Case 43	8	30,469,967	33,340,477	1	0	1	0
Case 43	8	33,342,018	38,884,222	1	1	2	0
Case 43	8	38,897,470	39,624,713	1	0	1	0
Case 43	8	39,626,922	39,746,386	2	0	2	1
Case 43	8	39,751,406	41,165,794	2	1	3	0
Case 43	8	41,174,462	43,791,691	1	1	2	0
Case 43	8	46,886,735	50,044,748	1	1	2	0
Case 43	8	50,052,500	51,543,713	2	0	2	1
Case 43	8	51,546,026	52,948,365	1	1	2	0
Case 43	8	52,949,557	57,699,282	2	0	2	1
Case 43	8	57,700,914	63,214,002	2	1	3	0
Case 43	8	63,222,881	69,104,645	1	1	2	0
Case 43	8	69,105,897	69,799,082	2	0	2	1
Case 43	8	69,815,776	76,315,205	2	1	3	0
Case 43	8	76,318,607	79,762,658	1	1	2	0
Case 43	8	79,766,499	82,119,503	2	1	3	0
Case 43	8	82,123,005	84,592,640	2	0	2	1
Case 43	8	84,595,022	93,237,876	1	1	2	0
Case 43	8	93,247,362	98,585,277	2	1	3	0
Case 43	8	98,586,824	98,900,410	2	0	2	1
Case 43	8	98,902,730	100,180,871	2	1	3	0
Case 43	8	100,182,333	100,844,796	2	0	2	1
Case 43	8	100,844,858	104,412,761	2	1	3	0
Case 43	8	104,413,814	106,900,146	2	0	2	1
Case 43	8	106,901,957	109,348,150	2	1	3	0
Case 43	8	109,354,102	110,478,857	2	0	2	1
Case 43	8	110,489,507	113,460,930	1	1	2	0
Case 43	8	113,469,872	117,000,279	2	0	2	1
Case 43	8	117,007,850	118,306,732	1	1	2	0
Case 43	8	118,307,005	133,913,747	2	1	3	0
Case 43	8	133,916,504	134,320,263	2	0	2	1
Case 43	8	134,323,337	136,086,741	2	1	3	0
Case 43	8	136,089,776	139,075,196	1	1	2	0

Case 43	8	139,075,826	140,720,163	2	1	3	0
Case 43	8	140,720,412	142,466,821	1	1	2	0
Case 43	8	142,467,575	143,374,261	2	1	3	0
Case 43	8	143,376,802	143,608,639	2	0	2	1
Case 43	8	143,609,913	146,034,733	1	1	2	0
Case 43	8	146,042,603	146,293,414	2	0	2	1
Case 43	9	46,587	9,943,710	2	0	2	1
Case 43	9	9,945,265	12,281,372	1	0	1	0
Case 43	9	12,284,611	19,847,234	2	0	2	1
Case 43	9	19,849,403	31,837,334	1	0	1	0
Case 43	9	31,842,496	46,944,322	2	0	2	1
Case 43	9	65,629,772	81,447,644	2	0	2	1
Case 43	9	81,451,697	82,489,957	1	1	2	0
Case 43	9	82,494,427	84,391,174	2	0	2	1
Case 43	9	84,392,044	85,167,648	1	1	2	0
Case 43	9	85,168,377	104,368,397	2	0	2	1
Case 43	9	104,371,037	104,782,096	1	1	2	0
Case 43	9	104,789,573	106,585,651	1	0	1	0
Case 43	9	106,593,860	110,885,479	2	0	2	1
Case 43	9	110,887,234	111,130,749	1	1	2	0
Case 43	9	111,140,133	121,929,789	2	0	2	1
Case 43	9	121,929,828	123,147,885	1	1	2	0
Case 43	9	123,148,937	128,316,645	2	0	2	1
Case 43	9	128,319,624	129,471,897	1	1	2	0
Case 43	9	129,477,410	136,762,800	2	0	2	1
Case 43	9	136,762,812	137,503,695	1	1	2	0
Case 43	9	137,506,340	139,390,543	2	0	2	1
Case 43	9	139,390,546	141,066,491	1	0	1	0
Case 43	10	98,087	37,280,842	1	1	2	0
Case 43	10	37,283,349	39,097,912	1	0	1	0
Case 43	10	42,436,301	43,112,866	1	0	1	0
Case 43	10	43,113,530	52,601,645	1	1	2	0
Case 43	10	52,608,657	53,581,387	1	0	1	0
Case 43	10	53,584,234	56,777,654	1	1	2	0
Case 43	10	56,784,302	58,828,890	1	0	1	0
Case 43	10	58,836,950	96,066,343	1	1	2	0
Case 43	10	96,067,947	96,795,524	1	0	1	0
Case 43	10	96,796,861	135,477,883	1	1	2	0
Case 43	11	193,146	4,613,366	2	0	2	1
Case 43	11	4,615,767	6,977,311	2	1	3	0
Case 43	11	6,977,325	8,122,059	2	0	2	1
Case 43	11	8,122,113	18,317,571	2	1	3	0
Case 43	11	18,317,644	19,100,238	2	0	2	1
Case 43	11	19,100,736	20,060,147	2	1	3	0
Case 43	11	20,062,704	27,036,462	2	0	2	1
Case 43	11	27,039,674	30,206,532	2	1	3	0
Case 43	11	30,206,846	31,453,738	1	1	2	0
Case 43	11	31,455,093	33,797,408	2	0	2	1
Case 43	11	33,799,472	35,945,048	2	1	3	0
Case 43	11	35,947,565	39,620,131	2	0	2	1
Case 43	11	39,623,896	42,859,152	1	1	2	0
Case 43	11	42,864,284	45,580,099	2	1	3	0
Case 43	11	45,585,234	46,018,139	2	0	2	1
Case 43	11	46,022,934	47,814,450	2	1	3	0
Case 43	11	47,819,765	51,591,253	2	0	2	1
Case 43	11	54,794,237	56,086,498	2	0	2	1
Case 43	11	56,086,553	57,065,220	2	1	3	0
Case 43	11	57,066,448	65,159,382	2	0	2	1
Case 43	11	65,161,129	67,267,871	1	1	2	0
Case 43	11	67,268,048	69,574,816	2	0	2	1
Case 43	11	69,579,070	71,193,062	2	1	3	0



Case 43	11	71,193,921	73,716,960	2	0	2	1
Case 43	11	73,717,219	73,994,138	1	1	2	0
Case 43	11	73,995,696	76,507,692	2	1	3	0
Case 43	11	76,508,843	77,335,982	2	0	2	1
Case 43	11	77,336,010	79,878,829	2	1	3	0
Case 43	11	79,881,442	81,078,376	2	0	2	1
Case 43	11	81,078,984	82,262,056	2	1	3	0
Case 43	11	82,265,147	82,821,382	1	1	2	0
Case 43	11	82,822,511	85,375,739	2	0	2	1
Case 43	11	85,377,707	88,022,988	2	1	3	0
Case 43	11	88,027,209	94,862,019	2	0	2	1
Case 43	11	94,862,157	97,023,053	2	1	3	0
Case 43	11	97,025,717	100,223,636	2	0	2	1
Case 43	11	100,226,773	102,825,010	2	1	3	0
Case 43	11	102,825,091	109,576,347	1	1	2	0
Case 43	11	109,580,367	114,125,260	2	1	3	0
Case 43	11	114,125,324	114,576,683	2	0	2	1
Case 43	11	114,577,395	118,455,293	2	1	3	0
Case 43	11	118,455,310	119,183,093	2	0	2	1
Case 43	11	119,185,347	123,555,558	2	1	3	0
Case 43	11	123,557,596	125,461,787	2	0	2	1
Case 43	11	125,472,616	128,701,651	2	1	3	0
Case 43	11	128,706,755	131,146,657	2	0	2	1
Case 43	11	131,148,377	134,732,363	2	1	3	0
Case 43	11	134,734,296	134,934,063	2	0	2	1
Case 43	12	191,619	34,853,011	1	1	2	0
Case 43	12	37,876,400	131,894,848	1	1	2	0
Case 43	12	131,896,732	133,257,789	2	0	2	1
Case 43	12	133,257,837	133,810,935	1	0	1	0
Case 43	13	19,058,717	27,930,900	1	1	2	0
Case 43	13	27,933,910	29,653,320	2	1	3	0
Case 43	13	29,659,206	115,103,529	1	1	2	0
Case 43	14	19,280,733	20,653,540	1	0	1	0
Case 43	14	20,654,962	22,544,393	2	0	2	1
Case 43	14	22,545,327	23,015,874	2	1	3	0
Case 43	14	23,018,808	26,211,789	1	1	2	0
Case 43	14	26,218,549	29,807,033	1	0	1	0
Case 43	14	29,811,758	41,232,118	2	0	2	1
Case 43	14	41,234,342	45,693,275	1	0	1	0
Case 43	14	45,693,307	58,588,313	2	0	2	1
Case 43	14	58,593,283	59,074,136	1	0	1	0
Case 43	14	59,077,925	78,390,880	2	0	2	1
Case 43	14	78,392,126	80,355,422	1	1	2	0
Case 43	14	80,357,074	83,348,722	2	0	2	1
Case 43	14	83,350,784	85,180,967	1	0	1	0
Case 43	14	85,184,561	91,671,139	2	0	2	1
Case 43	14	91,671,160	92,040,793	1	0	1	0
Case 43	14	92,041,294	101,119,364	2	0	2	1
Case 43	14	101,120,234	101,776,302	1	1	2	0
Case 43	14	101,781,338	107,287,663	2	0	2	1
Case 43	15	20,034,919	102,461,162	1	1	2	0
Case 43	16	88,165	613,322	2	0	2	1
Case 43	16	613,344	2,286,876	1	0	1	0
Case 43	16	2,287,231	4,343,620	2	0	2	1
Case 43	16	4,347,504	4,496,909	1	0	1	0
Case 43	16	4,497,014	5,874,639	2	0	2	1
Case 43	16	5,878,184	7,009,582	1	1	2	0
Case 43	16	7,010,776	7,774,639	2	0	2	1
Case 43	16	7,776,124	9,805,919	1	1	2	0
Case 43	16	9,807,418	17,312,099	2	0	2	1
Case 43	16	17,313,288	19,883,375	1	1	2	0

Case 43	16	19,883,729	23,646,617	2	0	2	1
Case 43	16	23,646,857	24,014,087	1	1	2	0
Case 43	16	24,016,101	35,285,582	2	0	2	1
Case 43	16	46,450,037	54,100,006	2	0	2	1
Case 43	16	54,100,518	55,304,203	1	1	2	0
Case 43	16	55,305,575	60,462,358	2	0	2	1
Case 43	16	60,463,410	63,896,080	1	0	1	0
Case 43	16	63,900,434	81,442,702	2	0	2	1
Case 43	16	81,442,932	81,588,142	1	1	2	0
Case 43	16	81,589,983	90,274,695	2	0	2	1
Case 43	17	11,885	22,242,355	2	0	2	1
Case 43	17	25,268,142	25,401,787	2	0	2	1
Case 43	17	25,402,163	34,436,708	1	1	2	0
Case 43	17	34,443,811	34,476,396	7	0	7	1
Case 43	17	34,597,521	43,364,638	1	1	2	0
Case 43	17	43,364,914	44,345,063	2	1	3	0
Case 43	17	44,350,090	81,060,040	1	1	2	0
Case 43	18	87,505	15,375,878	1	1	2	0
Case 43	18	18,520,354	78,015,180	1	1	2	0
Case 43	19	260,912	434,847	2	0	2	1
Case 43	19	436,181	1,507,270	1	0	1	0
Case 43	19	1,507,402	8,033,689	2	0	2	1
Case 43	19	8,037,040	8,612,914	1	0	1	0
Case 43	19	8,615,049	9,057,780	2	0	2	1
Case 43	19	9,057,896	9,226,265	1	1	2	0
Case 43	19	9,226,425	9,844,719	1	0	1	0
Case 43	19	9,863,483	11,730,545	2	0	2	1
Case 43	19	11,735,558	12,594,969	1	0	1	0
Case 43	19	12,605,955	17,922,795	2	0	2	1
Case 43	19	17,923,795	17,953,924	1	0	1	0
Case 43	19	17,953,950	18,288,898	2	0	2	1
Case 43	19	18,304,123	18,311,199	6	0	6	1
Case 43	19	18,312,453	19,866,889	2	0	2	1
Case 43	19	19,868,879	24,629,285	1	0	1	0
Case 43	19	27,732,159	28,332,369	1	0	1	0
Case 43	19	28,351,234	30,627,658	2	0	2	1
Case 43	19	30,629,569	32,845,370	1	1	2	0
Case 43	19	32,845,598	36,898,895	2	0	2	1
Case 43	19	36,900,778	38,377,773	1	0	1	0
Case 43	19	38,378,539	39,258,110	1	1	2	0
Case 43	19	39,260,000	40,338,188	2	0	2	1
Case 43	19	40,338,206	41,269,288	1	0	1	0
Case 43	19	41,271,104	43,285,368	2	0	2	1
Case 43	19	43,328,006	43,762,551	6	0	6	1
Case 43	19	43,770,566	44,291,946	2	0	2	1
Case 43	19	44,293,356	44,418,981	1	0	1	0
Case 43	19	44,419,053	51,375,603	2	0	2	1
Case 43	19	51,377,163	51,738,920	1	1	2	0
Case 43	19	51,738,927	52,468,384	2	0	2	1
Case 43	19	52,468,527	53,741,442	1	0	1	0
Case 43	19	53,741,667	58,112,844	2	0	2	1
Case 43	19	58,115,733	58,604,997	1	0	1	0
Case 43	19	58,609,443	58,853,363	2	0	2	1
Case 43	19	58,857,131	59,097,160	1	0	1	0
Case 43	20	63,244	19,797,038	1	1	2	0
Case 43	20	19,797,047	19,915,251	2	0	2	1
Case 43	20	19,915,770	26,293,985	1	1	2	0
Case 43	20	29,425,357	29,820,178	1	1	2	0
Case 43	20	29,833,609	62,948,788	2	1	3	0
Case 43	21	10,827,533	10,971,337	1	1	2	0
Case 43	21	14,368,320	24,500,841	1	1	2	0

Case 43	21	24,506,241	25,227,346	1	0	1	0
Case 43	21	25,227,478	47,577,630	1	1	2	0
Case 43	21	47,578,569	47,949,017	1	0	1	0
Case 43	21	47,952,128	48,100,155	1	1	2	0
Case 43	22	16,114,244	17,412,216	1	0	1	0
Case 43	22	17,412,806	22,312,879	2	0	2	1
Case 43	22	22,313,598	22,573,637	6	0	6	1
Case 43	22	22,584,809	38,016,825	2	0	2	1
Case 43	22	38,017,632	38,478,804	1	0	1	0
Case 43	22	38,480,659	49,832,070	2	0	2	1
Case 43	22	49,832,693	50,351,977	1	1	2	0
Case 43	22	50,353,010	51,195,728	2	0	2	1
Case 44	1	82,154	908,390	2	2	4	0
Case 44	1	908,585	949,832	2	1	3	0
Case 44	1	957,640	1,849,530	2	2	4	0
Case 44	1	1,849,727	10,666,517	2	1	3	0
Case 44	1	10,672,935	11,090,287	3	1	4	0
Case 44	1	11,090,814	121,346,616	2	1	3	0
Case 44	1	142,649,718	145,021,126	2	1	3	0
Case 44	1	145,075,809	145,523,906	2	2	4	0
Case 44	1	145,525,085	145,564,518	2	1	3	0
Case 44	1	145,567,084	151,105,169	2	2	4	0
Case 44	1	151,105,547	151,149,487	2	1	3	0
Case 44	1	151,149,490	152,185,649	2	2	4	0
Case 44	1	152,191,007	152,286,592	2	1	3	0
Case 44	1	152,286,593	152,323,427	2	2	4	0
Case 44	1	152,323,433	152,329,307	2	1	3	0
Case 44	1	152,329,369	153,743,234	2	2	4	0
Case 44	1	153,743,317	153,751,917	2	1	3	0
Case 44	1	153,751,926	154,815,257	2	2	4	0
Case 44	1	154,816,702	155,311,840	2	1	3	0
Case 44	1	155,313,568	156,695,537	2	2	4	0
Case 44	1	156,696,974	156,843,595	2	1	3	0
Case 44	1	156,844,404	157,504,553	2	2	4	0
Case 44	1	157,504,557	157,559,247	2	1	3	0
Case 44	1	157,566,136	157,927,955	2	2	4	0
Case 44	1	157,930,021	158,047,816	2	1	3	0
Case 44	1	158,047,909	158,225,050	2	2	4	0
Case 44	1	158,225,083	158,369,210	2	1	3	0
Case 44	1	158,370,948	158,434,049	2	2	4	0
Case 44	1	158,435,391	158,639,501	2	1	3	0
Case 44	1	158,639,504	159,751,104	2	2	4	0
Case 44	1	159,751,959	160,097,666	2	1	3	0
Case 44	1	160,098,815	161,015,711	2	2	4	0
Case 44	1	161,017,556	161,168,270	2	1	3	0
Case 44	1	161,172,233	167,088,473	2	2	4	0
Case 44	1	167,088,659	167,104,790	2	1	3	0
Case 44	1	167,105,038	175,110,955	2	2	4	0
Case 44	1	175,113,118	175,375,826	3	0	3	1
Case 44	1	175,378,694	175,521,376	2	2	4	0
Case 44	1	175,526,526	175,891,622	2	1	3	0
Case 44	1	175,894,857	176,521,349	2	2	4	0
Case 44	1	176,525,585	176,898,702	2	1	3	0
Case 44	1	176,901,432	178,450,304	2	2	4	0
Case 44	1	178,454,768	178,620,601	2	1	3	0
Case 44	1	178,625,499	201,175,715	2	2	4	0
Case 44	1	201,175,768	201,182,693	2	1	3	0
Case 44	1	201,183,363	204,889,532	2	2	4	0
Case 44	1	204,891,547	205,053,265	2	1	3	0
Case 44	1	205,053,315	206,223,556	2	2	4	0
Case 44	1	206,224,453	206,634,648	2	1	3	0

Case 44	1	206,634,709	207,076,376	2	2	4	0
Case 44	1	207,077,210	207,159,378	2	1	3	0
Case 44	1	207,162,433	208,299,199	2	2	4	0
Case 44	1	208,300,491	208,390,155	2	0	2	1
Case 44	1	208,390,162	209,788,514	2	2	4	0
Case 44	1	209,788,656	209,823,403	2	1	3	0
Case 44	1	209,823,424	227,909,907	2	2	4	0
Case 44	1	227,912,474	228,003,871	2	1	3	0
Case 44	1	228,003,901	228,247,351	2	2	4	0
Case 44	1	228,260,728	228,613,005	2	1	3	0
Case 44	1	228,613,020	230,828,873	2	2	4	0
Case 44	1	230,836,702	230,881,063	2	1	3	0
Case 44	1	230,881,658	237,974,720	2	2	4	0
Case 44	1	237,975,768	238,126,784	2	1	3	0
Case 44	1	238,128,633	238,559,857	2	2	4	0
Case 44	1	238,560,794	238,598,399	2	0	2	1
Case 44	1	238,613,141	238,785,675	2	2	4	0
Case 44	1	238,786,017	239,057,708	2	0	2	1
Case 44	1	239,058,330	239,094,157	3	0	3	1
Case 44	1	239,094,695	239,128,572	2	2	4	0
Case 44	1	239,141,583	239,179,054	2	0	2	1
Case 44	1	239,184,346	239,945,157	2	2	4	0
Case 44	1	239,946,076	239,981,643	2	0	2	1
Case 44	1	239,982,638	239,985,876	2	2	4	0
Case 44	1	239,988,849	240,371,925	2	0	2	1
Case 44	1	240,373,569	240,937,073	2	2	4	0
Case 44	1	240,939,391	241,433,465	2	0	2	1
Case 44	1	241,433,847	241,753,546	3	0	3	1
Case 44	1	241,755,320	244,534,781	2	0	2	1
Case 44	1	244,538,684	244,724,277	3	0	3	1
Case 44	1	244,735,812	246,054,787	2	0	2	1
Case 44	1	246,058,909	246,414,404	2	2	4	0
Case 44	1	246,425,984	246,618,945	3	0	3	1
Case 44	1	246,622,814	246,829,873	2	0	2	1
Case 44	1	246,830,293	247,491,143	2	2	4	0
Case 44	1	247,492,078	248,577,691	2	0	2	1
Case 44	1	248,578,622	248,688,317	2	2	4	0
Case 44	1	248,756,502	248,790,425	2	0	2	1
Case 44	1	248,801,588	249,174,682	2	2	4	0
Case 44	1	249,179,856	249,218,992	2	1	3	0
Case 44	2	18,674	10,050,877	2	1	3	0
Case 44	2	10,050,889	10,116,236	3	1	4	0
Case 44	2	10,117,868	10,175,442	4	1	5	0
Case 44	2	10,177,158	42,419,829	2	1	3	0
Case 44	2	42,420,599	42,544,584	2	2	4	0
Case 44	2	42,553,315	64,680,967	2	1	3	0
Case 44	2	64,682,532	64,778,730	3	1	4	0
Case 44	2	64,778,749	92,081,640	2	1	3	0
Case 44	2	95,429,424	190,541,743	2	1	3	0
Case 44	2	190,541,807	190,611,307	2	2	4	0
Case 44	2	190,612,339	201,434,409	2	1	3	0
Case 44	2	201,434,523	201,440,089	2	2	4	0
Case 44	2	201,440,299	202,400,872	2	1	3	0
Case 44	2	202,400,884	202,489,109	2	2	4	0
Case 44	2	202,490,812	243,048,760	2	1	3	0
Case 44	3	61,495	289,311	3	0	3	1
Case 44	3	292,992	89,390,170	2	1	3	0
Case 44	3	89,391,064	89,391,064	2	0	2	1
Case 44	3	89,402,447	89,417,064	1	0	1	0
Case 44	3	89,417,171	89,417,171	2	0	2	1
Case 44	3	89,443,784	90,442,925	2	1	3	0

Case 44	3	93,537,290	93,545,404	2	1	3	0
Case 44	3	93,546,445	95,270,483	2	2	4	0
Case 44	3	95,281,021	98,250,215	6	1	7	0
Case 44	3	98,250,986	98,255,392	4	1	5	0
Case 44	3	98,261,658	99,483,773	6	1	7	0
Case 44	3	99,494,215	102,067,254	2	2	4	0
Case 44	3	102,093,452	102,372,037	3	0	3	1
Case 44	3	102,386,156	104,032,299	2	0	2	1
Case 44	3	104,052,812	119,131,303	2	2	4	0
Case 44	3	119,132,554	119,141,369	2	1	3	0
Case 44	3	119,141,643	119,497,045	2	2	4	0
Case 44	3	119,497,811	119,536,897	2	1	3	0
Case 44	3	119,537,223	121,335,146	2	2	4	0
Case 44	3	121,335,461	121,394,749	2	1	3	0
Case 44	3	121,395,795	121,705,842	2	2	4	0
Case 44	3	121,706,021	121,713,121	2	1	3	0
Case 44	3	121,715,319	123,367,885	2	2	4	0
Case 44	3	123,371,973	123,458,839	2	1	3	0
Case 44	3	123,463,708	125,726,016	2	2	4	0
Case 44	3	125,727,080	125,873,404	2	1	3	0
Case 44	3	125,875,579	126,216,386	2	2	4	0
Case 44	3	126,216,566	126,680,355	2	1	3	0
Case 44	3	126,685,000	127,262,757	2	2	4	0
Case 44	3	127,264,909	127,407,753	2	1	3	0
Case 44	3	127,408,909	131,068,567	2	2	4	0
Case 44	3	131,068,578	131,102,776	2	1	3	0
Case 44	3	131,104,016	133,647,163	2	2	4	0
Case 44	3	133,647,212	133,759,848	2	1	3	0
Case 44	3	133,760,537	140,229,445	2	2	4	0
Case 44	3	140,241,720	140,299,603	2	1	3	0
Case 44	3	140,305,484	140,397,413	2	2	4	0
Case 44	3	140,399,199	140,459,247	2	1	3	0
Case 44	3	140,466,634	147,063,796	2	2	4	0
Case 44	3	147,066,342	147,142,513	2	1	3	0
Case 44	3	147,144,318	151,154,923	2	2	4	0
Case 44	3	151,155,090	151,171,534	2	1	3	0
Case 44	3	151,171,535	184,039,304	2	2	4	0
Case 44	3	184,039,373	184,080,327	2	1	3	0
Case 44	3	184,084,846	194,061,561	2	2	4	0
Case 44	3	194,061,578	194,124,421	2	1	3	0
Case 44	3	194,126,767	195,295,166	2	2	4	0
Case 44	3	195,295,782	195,609,069	2	1	3	0
Case 44	3	195,609,162	196,674,177	2	2	4	0
Case 44	3	196,674,182	196,751,341	2	1	3	0
Case 44	3	196,753,355	197,838,262	2	2	4	0
Case 44	4	71,566	1,347,144	2	0	2	1
Case 44	4	1,347,675	1,705,399	3	0	3	1
Case 44	4	1,707,447	2,172,847	2	0	2	1
Case 44	4	2,176,454	2,249,111	3	0	3	1
Case 44	4	2,250,109	2,332,705	2	0	2	1
Case 44	4	2,335,396	2,703,081	3	0	3	1
Case 44	4	2,703,101	2,939,018	2	0	2	1
Case 44	4	2,940,916	3,029,694	3	0	3	1
Case 44	4	3,030,097	5,742,400	2	0	2	1
Case 44	4	5,743,053	5,753,249	3	0	3	1
Case 44	4	5,753,354	6,644,327	2	0	2	1
Case 44	4	6,645,597	6,903,159	3	0	3	1
Case 44	4	6,904,074	7,774,681	2	0	2	1
Case 44	4	7,774,707	7,980,298	3	0	3	1
Case 44	4	7,980,652	15,512,919	2	0	2	1
Case 44	4	15,512,942	15,738,253	3	0	3	1

Case 44	4	15,738,370	15,980,454	2	0	2	1
Case 44	4	15,980,975	16,033,066	3	0	3	1
Case 44	4	16,034,634	37,764,357	2	0	2	1
Case 44	4	37,766,932	37,904,082	3	0	3	1
Case 44	4	37,904,089	38,158,024	2	0	2	1
Case 44	4	38,158,043	38,776,712	3	0	3	1
Case 44	4	38,776,725	38,930,893	2	0	2	1
Case 44	4	38,930,921	40,262,814	3	0	3	1
Case 44	4	40,265,273	40,383,379	2	0	2	1
Case 44	4	40,384,525	40,810,690	3	0	3	1
Case 44	4	40,810,747	40,946,884	2	0	2	1
Case 44	4	40,946,971	41,266,295	3	0	3	1
Case 44	4	41,269,193	48,234,689	2	0	2	1
Case 44	4	48,244,736	48,490,766	3	0	3	1
Case 44	4	48,490,930	49,620,898	2	0	2	1
Case 44	4	52,697,856	56,290,220	2	0	2	1
Case 44	4	56,296,763	57,071,639	3	0	3	1
Case 44	4	57,087,608	57,385,455	2	0	2	1
Case 44	4	57,387,706	57,648,046	3	0	3	1
Case 44	4	57,649,159	73,942,678	2	0	2	1
Case 44	4	73,942,731	74,805,322	3	0	3	1
Case 44	4	74,806,082	75,199,609	2	0	2	1
Case 44	4	75,202,049	75,675,814	3	0	3	1
Case 44	4	75,675,841	77,033,659	2	0	2	1
Case 44	4	77,037,045	77,647,590	3	0	3	1
Case 44	4	77,649,374	82,519,643	2	0	2	1
Case 44	4	82,534,135	82,773,619	3	0	3	1
Case 44	4	82,779,892	84,518,066	2	0	2	1
Case 44	4	84,518,315	84,797,545	3	0	3	1
Case 44	4	84,798,143	87,967,323	2	0	2	1
Case 44	4	87,968,162	89,139,832	3	0	3	1
Case 44	4	89,149,570	89,338,691	2	0	2	1
Case 44	4	89,338,731	89,567,767	3	0	3	1
Case 44	4	89,577,147	89,897,522	2	0	2	1
Case 44	4	89,898,476	90,002,785	4	0	4	1
Case 44	4	90,010,941	91,154,964	2	0	2	1
Case 44	4	91,156,917	91,481,271	0	0	0	0
Case 44	4	91,490,629	95,120,289	2	0	2	1
Case 44	4	95,129,699	96,033,978	3	0	3	1
Case 44	4	96,035,956	96,307,840	2	0	2	1
Case 44	4	96,309,211	96,597,286	3	0	3	1
Case 44	4	96,600,219	102,726,005	2	0	2	1
Case 44	4	102,726,073	102,883,425	3	0	3	1
Case 44	4	102,893,323	106,106,353	2	0	2	1
Case 44	4	106,108,902	106,325,106	3	0	3	1
Case 44	4	106,335,490	112,922,517	2	0	2	1
Case 44	4	112,923,237	113,247,435	3	0	3	1
Case 44	4	113,248,536	115,030,276	2	0	2	1
Case 44	4	115,041,483	115,316,659	3	0	3	1
Case 44	4	115,316,768	123,771,828	2	0	2	1
Case 44	4	123,772,018	124,322,952	3	0	3	1
Case 44	4	124,323,155	125,017,034	2	0	2	1
Case 44	4	125,020,390	125,268,531	3	0	3	1
Case 44	4	125,280,852	128,802,306	2	0	2	1
Case 44	4	128,803,159	128,867,612	3	0	3	1
Case 44	4	128,878,744	140,165,548	2	0	2	1
Case 44	4	140,165,770	140,417,471	3	0	3	1
Case 44	4	140,420,250	158,697,324	2	0	2	1
Case 44	4	158,704,610	159,086,166	3	0	3	1
Case 44	4	159,089,861	183,504,017	2	0	2	1
Case 44	4	183,506,166	183,594,275	3	0	3	1

Case 44	4	183,594,938	183,880,034	2	0	2	1
Case 44	4	183,880,263	184,192,386	3	0	3	1
Case 44	4	184,196,516	184,529,969	2	0	2	1
Case 44	4	184,530,109	184,629,680	3	0	3	1
Case 44	4	184,629,794	185,023,826	2	0	2	1
Case 44	4	185,024,257	185,637,699	3	0	3	1
Case 44	4	185,638,307	186,180,187	2	0	2	1
Case 44	4	186,185,293	186,388,073	3	0	3	1
Case 44	4	186,390,753	187,538,330	2	0	2	1
Case 44	4	187,538,942	187,554,849	3	0	3	1
Case 44	4	187,555,387	187,629,770	2	0	2	1
Case 44	4	187,629,838	187,860,363	3	0	3	1
Case 44	4	187,864,673	190,963,766	2	0	2	1
Case 44	5	38,139	314,554	3	0	3	1
Case 44	5	314,935	2,627,075	4	0	4	1
Case 44	5	2,627,545	2,767,357	3	0	3	1
Case 44	5	2,767,527	3,019,005	4	0	4	1
Case 44	5	3,025,452	3,890,330	3	0	3	1
Case 44	5	3,891,796	5,235,264	4	0	4	1
Case 44	5	5,236,356	5,560,070	3	0	3	1
Case 44	5	5,566,984	5,624,937	4	0	4	1
Case 44	5	5,628,443	6,604,329	3	0	3	1
Case 44	5	6,604,787	7,424,672	4	0	4	1
Case 44	5	7,425,788	7,837,861	3	0	3	1
Case 44	5	7,838,085	8,904,380	4	0	4	1
Case 44	5	8,906,784	9,209,831	3	0	3	1
Case 44	5	9,215,068	33,839,309	4	0	4	1
Case 44	5	33,839,978	33,946,143	3	0	3	1
Case 44	5	33,946,555	38,399,208	4	0	4	1
Case 44	5	38,400,072	38,493,782	3	0	3	1
Case 44	5	38,493,801	39,341,264	4	0	4	1
Case 44	5	39,341,303	39,418,421	3	0	3	1
Case 44	5	39,418,887	46,117,770	4	0	4	1
Case 44	5	46,127,095	46,399,093	3	0	3	1
Case 44	5	49,457,282	54,398,085	2	0	2	1
Case 44	5	54,398,580	54,458,763	3	0	3	1
Case 44	5	54,459,961	54,558,510	2	0	2	1
Case 44	5	54,561,643	55,204,174	3	0	3	1
Case 44	5	55,204,187	55,407,449	2	0	2	1
Case 44	5	55,407,523	55,968,018	3	0	3	1
Case 44	5	55,970,422	58,558,388	2	0	2	1
Case 44	5	58,558,595	58,698,524	3	0	3	1
Case 44	5	58,704,650	61,728,012	2	0	2	1
Case 44	5	61,733,348	61,856,986	3	0	3	1
Case 44	5	61,857,063	64,548,634	2	0	2	1
Case 44	5	64,551,463	65,580,717	3	0	3	1
Case 44	5	65,583,098	68,411,954	2	0	2	1
Case 44	5	68,412,319	70,704,077	3	0	3	1
Case 44	5	70,709,459	70,754,475	2	0	2	1
Case 44	5	70,754,567	70,900,270	3	0	3	1
Case 44	5	70,912,681	72,173,169	2	0	2	1
Case 44	5	72,177,890	72,387,486	3	0	3	1
Case 44	5	72,400,190	72,650,185	2	0	2	1
Case 44	5	72,654,304	74,262,980	3	0	3	1
Case 44	5	74,263,455	74,675,717	2	0	2	1
Case 44	5	74,676,823	74,972,877	3	0	3	1
Case 44	5	74,976,105	75,738,858	2	0	2	1
Case 44	5	75,741,242	76,092,225	3	0	3	1
Case 44	5	76,092,687	79,741,133	2	0	2	1
Case 44	5	79,741,168	79,854,441	3	0	3	1
Case 44	5	79,854,586	79,952,154	2	0	2	1

Case 44	5	79,952,308	80,219,978	3	0	3	1
Case 44	5	80,220,759	82,201,161	2	0	2	1
Case 44	5	82,202,898	82,649,057	3	0	3	1
Case 44	5	82,656,114	94,988,888	2	0	2	1
Case 44	5	94,989,940	95,091,352	3	0	3	1
Case 44	5	95,093,084	96,082,087	2	0	2	1
Case 44	5	96,082,125	96,112,107	3	0	3	1
Case 44	5	96,112,168	115,469,773	2	0	2	1
Case 44	5	115,469,825	115,633,474	3	0	3	1
Case 44	5	115,641,393	125,971,811	2	0	2	1
Case 44	5	125,971,812	127,543,622	3	0	3	1
Case 44	5	127,548,700	130,498,228	2	0	2	1
Case 44	5	130,505,761	130,726,763	3	0	3	1
Case 44	5	130,728,888	131,867,702	2	0	2	1
Case 44	5	131,867,835	131,973,177	3	0	3	1
Case 44	5	131,977,907	132,024,166	2	0	2	1
Case 44	5	132,032,369	132,074,695	3	0	3	1
Case 44	5	132,083,209	132,197,442	2	0	2	1
Case 44	5	132,197,518	132,533,135	3	0	3	1
Case 44	5	132,533,517	133,256,102	2	0	2	1
Case 44	5	133,260,485	133,451,611	3	0	3	1
Case 44	5	133,451,615	135,236,015	2	0	2	1
Case 44	5	135,236,294	135,282,514	3	0	3	1
Case 44	5	135,283,122	139,267,029	2	0	2	1
Case 44	5	139,267,090	139,697,220	3	0	3	1
Case 44	5	139,708,382	140,182,722	2	0	2	1
Case 44	5	140,182,777	140,236,703	3	0	3	1
Case 44	5	140,236,732	141,888,038	2	0	2	1
Case 44	5	141,888,881	142,384,160	3	0	3	1
Case 44	5	142,393,562	145,483,703	2	0	2	1
Case 44	5	145,483,756	145,668,298	3	0	3	1
Case 44	5	145,677,418	149,276,279	2	0	2	1
Case 44	5	149,276,567	149,374,518	3	0	3	1
Case 44	5	149,374,585	150,058,785	2	0	2	1
Case 44	5	150,060,364	150,372,547	3	0	3	1
Case 44	5	150,372,984	154,282,692	2	0	2	1
Case 44	5	154,282,717	154,346,305	3	0	3	1
Case 44	5	154,346,390	159,804,039	2	0	2	1
Case 44	5	159,818,125	159,967,244	3	0	3	1
Case 44	5	159,972,064	171,301,328	2	0	2	1
Case 44	5	171,303,382	180,693,127	3	0	3	1
Case 44	6	108,666	1,169,198	2	0	2	1
Case 44	6	1,185,373	1,308,164	3	0	3	1
Case 44	6	1,309,171	1,954,508	2	0	2	1
Case 44	6	1,955,398	2,563,775	3	0	3	1
Case 44	6	2,565,752	2,670,633	2	0	2	1
Case 44	6	2,671,994	3,000,303	3	0	3	1
Case 44	6	3,002,238	4,020,528	2	0	2	1
Case 44	6	4,022,611	4,131,101	3	0	3	1
Case 44	6	4,133,855	10,709,075	2	0	2	1
Case 44	6	10,709,190	10,874,407	3	0	3	1
Case 44	6	10,874,451	11,327,021	2	0	2	1
Case 44	6	11,327,832	11,637,483	3	0	3	1
Case 44	6	11,639,524	16,842,262	2	0	2	1
Case 44	6	16,842,482	16,948,451	3	0	3	1
Case 44	6	16,948,558	17,249,496	2	0	2	1
Case 44	6	17,250,282	17,529,407	3	0	3	1
Case 44	6	17,535,126	25,435,822	2	0	2	1
Case 44	6	25,436,325	25,605,058	3	0	3	1
Case 44	6	25,605,091	25,646,145	2	0	2	1
Case 44	6	25,652,225	25,727,204	3	0	3	1



Case 44	6	25,727,213	28,584,775	2	0	2	1
Case 44	6	28,586,694	28,784,106	3	0	3	1
Case 44	6	28,784,396	29,406,696	2	2	4	0
Case 44	6	29,407,378	29,527,599	2	1	3	0
Case 44	6	29,528,318	29,545,208	2	2	4	0
Case 44	6	29,545,284	29,801,110	3	0	3	1
Case 44	6	29,801,474	29,879,529	4	0	4	1
Case 44	6	29,896,421	29,935,372	3	0	3	1
Case 44	6	29,935,469	30,483,919	4	0	4	1
Case 44	6	30,486,456	30,551,785	3	0	3	1
Case 44	6	30,552,053	30,587,699	2	2	4	0
Case 44	6	30,592,414	30,680,595	2	1	3	0
Case 44	6	30,680,608	31,079,417	2	2	4	0
Case 44	6	31,079,643	31,093,066	2	1	3	0
Case 44	6	31,093,190	31,337,633	2	2	4	0
Case 44	6	31,338,528	31,341,357	2	0	2	1
Case 44	6	31,342,484	31,922,356	2	2	4	0
Case 44	6	31,922,453	32,187,516	2	1	3	0
Case 44	6	32,187,605	32,252,678	2	2	4	0
Case 44	6	32,254,452	33,037,453	2	1	3	0
Case 44	6	33,037,454	33,429,672	3	0	3	1
Case 44	6	33,429,952	33,957,134	2	1	3	0
Case 44	6	33,960,611	35,727,655	2	2	4	0
Case 44	6	35,730,950	35,765,043	2	0	2	1
Case 44	6	35,773,490	36,065,185	3	2	5	0
Case 44	6	36,070,955	36,368,265	3	1	4	0
Case 44	6	36,370,254	36,708,821	3	2	5	0
Case 44	6	36,710,109	37,767,685	3	1	4	0
Case 44	6	37,767,791	38,953,292	3	2	5	0
Case 44	6	38,954,145	39,520,106	2	2	4	0
Case 44	6	39,523,281	39,648,685	3	2	5	0
Case 44	6	39,653,406	42,388,625	2	2	4	0
Case 44	6	42,399,074	42,665,888	3	2	5	0
Case 44	6	42,666,061	44,525,198	2	2	4	0
Case 44	6	44,525,215	56,722,235	2	1	3	0
Case 44	6	56,726,819	58,752,089	2	2	4	0
Case 44	6	61,891,118	80,016,681	2	2	4	0
Case 44	6	80,018,505	84,304,096	2	0	2	1
Case 44	6	84,313,180	84,428,280	3	0	3	1
Case 44	6	84,437,425	84,859,300	2	0	2	1
Case 44	6	84,862,511	85,043,476	3	0	3	1
Case 44	6	85,043,919	85,800,575	2	0	2	1
Case 44	6	85,802,566	86,106,092	3	0	3	1
Case 44	6	86,111,138	100,964,063	2	0	2	1
Case 44	6	100,964,147	101,296,389	3	0	3	1
Case 44	6	101,296,420	106,244,548	2	0	2	1
Case 44	6	106,244,980	106,321,844	3	0	3	1
Case 44	6	106,322,750	107,098,989	2	0	2	1
Case 44	6	107,099,191	107,266,807	3	0	3	1
Case 44	6	107,272,331	107,481,880	2	0	2	1
Case 44	6	107,482,956	107,923,767	3	0	3	1
Case 44	6	107,925,649	108,558,280	2	0	2	1
Case 44	6	108,561,974	109,274,381	3	0	3	1
Case 44	6	109,274,497	109,292,736	2	0	2	1
Case 44	6	109,294,590	109,579,723	3	0	3	1
Case 44	6	109,583,186	109,885,396	2	0	2	1
Case 44	6	109,885,417	110,107,636	3	0	3	1
Case 44	6	110,108,855	111,986,794	2	0	2	1
Case 44	6	111,991,321	112,463,333	3	0	3	1
Case 44	6	112,463,419	131,150,127	2	0	2	1
Case 44	6	131,152,851	131,637,690	3	0	3	1

Case 44	6	131,638,681	132,611,762	2	0	2	1
Case 44	6	132,617,072	132,890,341	2	2	4	0
Case 44	6	132,891,501	132,910,710	2	1	3	0
Case 44	6	132,912,612	133,126,220	2	2	4	0
Case 44	6	133,132,500	133,396,241	2	1	3	0
Case 44	6	133,396,480	148,839,982	2	2	4	0
Case 44	6	148,840,713	148,869,370	2	1	3	0
Case 44	6	148,869,462	151,670,172	2	2	4	0
Case 44	6	151,670,199	151,674,887	2	1	3	0
Case 44	6	151,677,358	152,570,971	2	2	4	0
Case 44	6	152,576,731	152,737,859	2	1	3	0
Case 44	6	152,738,143	154,319,802	2	2	4	0
Case 44	6	154,323,909	154,437,252	2	1	3	0
Case 44	6	154,441,864	158,412,519	2	2	4	0
Case 44	6	158,412,832	158,517,034	2	1	3	0
Case 44	6	158,517,193	160,872,151	2	2	4	0
Case 44	6	160,872,609	161,213,047	3	0	3	1
Case 44	6	161,216,608	161,305,715	4	0	4	1
Case 44	6	161,315,130	161,363,919	3	0	3	1
Case 44	6	161,368,268	161,513,091	2	2	4	0
Case 44	6	161,519,381	161,818,326	2	1	3	0
Case 44	6	161,824,515	163,788,191	2	2	4	0
Case 44	6	163,789,838	164,091,657	2	1	3	0
Case 44	6	164,092,291	165,703,524	2	2	4	0
Case 44	6	165,706,473	165,722,345	2	1	3	0
Case 44	6	165,723,066	167,549,536	2	2	4	0
Case 44	6	167,549,755	167,754,551	2	1	3	0
Case 44	6	167,754,661	169,555,623	2	2	4	0
Case 44	6	169,556,108	169,727,601	2	1	3	0
Case 44	6	169,731,432	170,980,171	2	2	4	0
Case 44	7	44,935	3,990,657	2	2	4	0
Case 44	7	3,991,439	4,224,124	2	1	3	0
Case 44	7	4,224,833	4,760,696	2	2	4	0
Case 44	7	4,765,018	4,874,251	2	1	3	0
Case 44	7	4,874,407	15,880,136	2	2	4	0
Case 44	7	15,881,354	15,883,805	2	0	2	1
Case 44	7	15,884,675	39,833,350	2	2	4	0
Case 44	7	39,849,482	41,441,549	3	2	5	0
Case 44	7	41,448,792	42,278,116	3	1	4	0
Case 44	7	42,281,481	42,668,807	3	2	5	0
Case 44	7	42,671,386	43,158,219	3	1	4	0
Case 44	7	43,158,477	43,821,453	3	2	5	0
Case 44	7	43,827,414	44,193,404	3	1	4	0
Case 44	7	44,204,322	44,412,735	3	2	5	0
Case 44	7	44,420,901	45,267,645	3	1	4	0
Case 44	7	45,268,198	45,539,170	3	2	5	0
Case 44	7	45,540,450	46,034,024	3	1	4	0
Case 44	7	46,041,100	47,276,175	3	2	5	0
Case 44	7	47,278,232	48,153,838	3	1	4	0
Case 44	7	48,155,507	48,481,370	3	2	5	0
Case 44	7	48,494,883	48,930,555	2	2	4	0
Case 44	7	48,941,456	49,454,996	3	2	5	0
Case 44	7	49,460,153	53,691,133	2	2	4	0
Case 44	7	53,694,790	54,098,497	3	2	5	0
Case 44	7	54,108,381	55,700,256	2	2	4	0
Case 44	7	55,703,387	56,074,118	3	2	5	0
Case 44	7	56,075,218	57,375,221	2	2	4	0
Case 44	7	57,376,120	58,019,061	2	1	3	0
Case 44	7	61,056,053	63,385,883	2	1	3	0
Case 44	7	63,387,484	63,568,418	2	2	4	0
Case 44	7	63,581,769	63,962,963	3	0	3	1

Case 44	7	63,966,166	68,905,642	2	2	4	0
Case 44	7	68,905,738	70,037,996	2	1	3	0
Case 44	7	70,040,448	77,233,827	2	2	4	0
Case 44	7	77,237,390	77,501,962	2	1	3	0
Case 44	7	77,522,948	88,962,827	2	2	4	0
Case 44	7	88,962,831	89,098,791	2	1	3	0
Case 44	7	89,099,843	97,842,668	2	2	4	0
Case 44	7	97,844,578	97,937,011	2	1	3	0
Case 44	7	97,937,012	99,691,740	2	2	4	0
Case 44	7	99,691,871	99,773,238	2	1	3	0
Case 44	7	99,773,443	100,028,642	2	2	4	0
Case 44	7	100,029,047	100,357,460	2	1	3	0
Case 44	7	100,358,036	100,477,233	2	2	4	0
Case 44	7	100,477,829	100,692,376	2	1	3	0
Case 44	7	100,692,603	100,841,533	2	2	4	0
Case 44	7	100,841,560	100,859,233	2	1	3	0
Case 44	7	100,859,269	127,175,236	2	2	4	0
Case 44	7	127,178,162	128,511,731	2	0	2	1
Case 44	7	128,515,846	132,187,403	2	2	4	0
Case 44	7	132,192,420	132,362,048	2	1	3	0
Case 44	7	132,367,230	133,975,183	2	2	4	0
Case 44	7	133,976,029	134,143,772	2	1	3	0
Case 44	7	134,143,814	134,834,499	2	2	4	0
Case 44	7	134,835,350	135,038,388	2	1	3	0
Case 44	7	135,043,388	140,218,464	2	2	4	0
Case 44	7	140,219,044	140,396,561	2	1	3	0
Case 44	7	140,397,792	141,464,038	2	2	4	0
Case 44	7	141,464,050	141,491,042	2	1	3	0
Case 44	7	141,491,049	141,731,207	2	2	4	0
Case 44	7	141,731,340	141,808,573	2	1	3	0
Case 44	7	141,813,014	142,456,928	2	2	4	0
Case 44	7	142,457,376	142,750,951	2	1	3	0
Case 44	7	142,792,658	143,031,527	2	2	4	0
Case 44	7	143,036,318	143,098,665	2	1	3	0
Case 44	7	143,101,736	149,394,446	2	2	4	0
Case 44	7	149,398,065	149,577,591	2	1	3	0
Case 44	7	149,582,906	150,704,843	2	2	4	0
Case 44	7	150,705,413	150,739,354	2	1	3	0
Case 44	7	150,741,183	154,156,519	2	2	4	0
Case 44	7	154,157,438	154,224,041	4	1	5	0
Case 44	7	154,225,119	154,248,407	5	1	6	0
Case 44	7	154,249,412	154,262,562	3	2	5	0
Case 44	7	154,268,894	155,264,377	3	1	4	0
Case 44	7	155,269,627	155,416,363	3	2	5	0
Case 44	7	155,423,197	155,971,365	3	1	4	0
Case 44	7	155,973,733	156,102,061	3	2	5	0
Case 44	7	156,111,133	156,447,325	4	1	5	0
Case 44	7	156,450,897	156,451,209	2	2	4	0
Case 44	7	156,456,279	158,480,073	2	0	2	1
Case 44	7	158,482,638	158,716,377	3	0	3	1
Case 44	7	158,716,423	159,119,486	2	0	2	1
Case 44	8	164,984	217,587	3	0	3	1
Case 44	8	219,677	1,900,370	2	0	2	1
Case 44	8	1,900,410	1,905,386	1	0	1	0
Case 44	8	1,905,728	3,172,327	2	0	2	1
Case 44	8	3,172,404	3,205,532	1	0	1	0
Case 44	8	3,205,682	3,564,244	2	0	2	1
Case 44	8	3,564,568	3,623,388	1	0	1	0
Case 44	8	3,624,046	3,687,917	2	0	2	1
Case 44	8	3,694,644	3,709,049	1	0	1	0
Case 44	8	3,709,660	3,867,513	2	0	2	1

Case 44	8	3,867,760	4,002,031	1	0	1	0
Case 44	8	4,002,653	4,070,415	2	0	2	1
Case 44	8	4,070,495	4,101,558	1	0	1	0
Case 44	8	4,103,130	4,451,048	2	0	2	1
Case 44	8	4,453,036	4,481,209	1	0	1	0
Case 44	8	4,481,250	4,811,010	2	0	2	1
Case 44	8	4,811,455	4,824,577	1	0	1	0
Case 44	8	4,826,467	10,466,128	2	0	2	1
Case 44	8	10,466,152	10,467,207	1	0	1	0
Case 44	8	10,467,248	10,468,172	2	0	2	1
Case 44	8	10,468,310	10,470,805	1	0	1	0
Case 44	8	10,470,915	10,526,742	2	0	2	1
Case 44	8	10,527,144	10,555,350	1	0	1	0
Case 44	8	10,555,734	11,301,550	2	0	2	1
Case 44	8	11,301,601	11,301,857	1	0	1	0
Case 44	8	11,302,445	11,695,970	2	0	2	1
Case 44	8	11,696,115	11,702,653	1	0	1	0
Case 44	8	11,702,705	12,545,638	2	0	2	1
Case 44	8	12,551,156	12,594,526	1	0	1	0
Case 44	8	12,594,637	14,037,030	2	0	2	1
Case 44	8	14,037,301	14,164,118	1	0	1	0
Case 44	8	14,168,180	14,767,473	2	0	2	1
Case 44	8	14,768,548	14,844,324	1	0	1	0
Case 44	8	14,848,938	14,951,436	2	0	2	1
Case 44	8	14,951,943	15,051,158	1	0	1	0
Case 44	8	15,051,872	15,752,089	2	0	2	1
Case 44	8	15,752,275	15,849,729	1	0	1	0
Case 44	8	15,853,724	17,674,988	2	0	2	1
Case 44	8	17,681,402	17,755,571	4	0	4	1
Case 44	8	17,756,133	17,937,364	3	0	3	1
Case 44	8	17,937,530	18,787,784	2	0	2	1
Case 44	8	18,787,795	18,866,368	3	0	3	1
Case 44	8	18,870,349	22,138,953	2	0	2	1
Case 44	8	22,140,656	22,386,479	3	0	3	1
Case 44	8	22,388,857	23,647,494	2	0	2	1
Case 44	8	23,649,551	23,695,903	3	0	3	1
Case 44	8	23,696,543	26,122,035	2	0	2	1
Case 44	8	26,124,172	26,288,526	3	0	3	1
Case 44	8	26,290,268	28,986,357	2	0	2	1
Case 44	8	28,992,540	29,453,239	3	0	3	1
Case 44	8	29,454,051	29,718,019	2	0	2	1
Case 44	8	29,731,466	30,042,658	3	0	3	1
Case 44	8	30,060,304	30,695,111	2	0	2	1
Case 44	8	30,695,438	30,703,691	3	0	3	1
Case 44	8	30,703,724	30,849,740	2	0	2	1
Case 44	8	30,853,102	31,030,535	3	0	3	1
Case 44	8	31,030,599	36,939,390	2	0	2	1
Case 44	8	36,939,955	37,096,059	3	0	3	1
Case 44	8	37,098,052	37,968,336	2	0	2	1
Case 44	8	37,976,368	38,260,136	3	0	3	1
Case 44	8	38,260,815	38,855,847	2	0	2	1
Case 44	8	38,858,484	39,678,652	3	0	3	1
Case 44	8	39,687,113	43,791,691	2	0	2	1
Case 44	8	46,886,735	47,042,399	2	0	2	1
Case 44	8	47,060,602	47,831,465	2	2	4	0
Case 44	8	47,846,757	51,733,342	3	2	5	0
Case 44	8	51,744,861	52,164,871	4	2	6	0
Case 44	8	52,181,920	52,384,884	3	1	4	0
Case 44	8	52,387,593	58,810,226	3	2	5	0
Case 44	8	58,814,505	59,107,029	3	1	4	0
Case 44	8	59,113,981	68,604,866	3	2	5	0

Case 44	8	68,607,109	68,972,915	3	1	4	0
Case 44	8	68,972,955	70,446,384	3	2	5	0
Case 44	8	70,447,058	71,069,321	3	1	4	0
Case 44	8	71,069,365	72,021,712	3	2	5	0
Case 44	8	72,027,611	72,248,739	3	1	4	0
Case 44	8	72,249,217	75,048,599	3	2	5	0
Case 44	8	75,050,742	75,245,770	3	1	4	0
Case 44	8	75,248,900	77,760,079	3	2	5	0
Case 44	8	77,761,269	77,997,917	3	1	4	0
Case 44	8	77,998,659	87,664,244	3	2	5	0
Case 44	8	87,666,251	87,755,776	3	1	4	0
Case 44	8	87,755,813	98,166,122	3	2	5	0
Case 44	8	98,166,913	99,102,105	3	1	4	0
Case 44	8	99,102,403	100,168,015	3	2	5	0
Case 44	8	100,180,871	100,861,113	2	0	2	1
Case 44	8	100,865,836	105,278,802	3	2	5	0
Case 44	8	105,281,322	105,906,441	3	1	4	0
Case 44	8	105,912,844	106,763,729	3	2	5	0
Case 44	8	106,772,453	106,816,281	3	1	4	0
Case 44	8	106,837,240	108,753,147	3	2	5	0
Case 44	8	108,757,215	108,910,484	3	1	4	0
Case 44	8	108,910,785	116,396,326	3	2	5	0
Case 44	8	116,401,505	116,721,063	3	1	4	0
Case 44	8	116,740,823	123,676,967	3	2	5	0
Case 44	8	123,679,458	124,031,541	3	1	4	0
Case 44	8	124,033,732	124,514,183	3	2	5	0
Case 44	8	124,515,854	124,748,047	3	1	4	0
Case 44	8	124,748,087	125,033,901	3	2	5	0
Case 44	8	125,033,908	125,132,234	3	1	4	0
Case 44	8	125,133,870	125,540,185	3	2	5	0
Case 44	8	125,550,551	125,650,653	3	1	4	0
Case 44	8	125,654,560	126,385,814	3	2	5	0
Case 44	8	126,389,258	126,537,570	3	1	4	0
Case 44	8	126,539,437	130,368,204	3	2	5	0
Case 44	8	130,368,723	131,025,818	3	1	4	0
Case 44	8	131,027,338	131,359,644	3	2	5	0
Case 44	8	131,370,285	132,165,751	3	1	4	0
Case 44	8	132,167,864	133,029,897	3	2	5	0
Case 44	8	133,031,047	133,629,614	3	1	4	0
Case 44	8	133,633,829	133,855,035	3	2	5	0
Case 44	8	133,856,413	134,673,435	3	1	4	0
Case 44	8	134,674,239	135,250,072	3	2	5	0
Case 44	8	135,252,366	137,772,759	3	1	4	0
Case 44	8	137,776,239	138,744,981	3	2	5	0
Case 44	8	138,746,389	141,040,629	3	1	4	0
Case 44	8	141,042,931	142,518,112	3	2	5	0
Case 44	8	142,527,473	144,411,759	3	1	4	0
Case 44	8	144,411,767	144,688,837	3	2	5	0
Case 44	8	144,689,146	144,801,320	3	1	4	0
Case 44	8	144,801,322	144,891,768	3	2	5	0
Case 44	8	144,892,654	144,943,023	3	1	4	0
Case 44	8	144,943,109	144,992,915	3	2	5	0
Case 44	8	144,992,953	145,160,983	3	1	4	0
Case 44	8	145,161,803	145,729,719	3	2	5	0
Case 44	8	145,729,727	146,192,754	3	1	4	0
Case 44	8	146,194,119	146,293,414	3	2	5	0
Case 44	9	46,587	710,915	0	0	0	0
Case 44	9	710,966	710,966	2	0	2	1
Case 44	9	710,972	712,784	1	0	1	0
Case 44	9	712,829	712,829	2	0	2	1
Case 44	9	712,856	731,229	0	0	0	0

Case 44	9	732,502	732,617	2	0	2	1
Case 44	9	733,049	839,141	0	0	0	0
Case 44	9	840,501	4,046,886	2	0	2	1
Case 44	9	4,047,947	4,100,236	3	0	3	1
Case 44	9	4,102,339	4,371,844	2	0	2	1
Case 44	9	4,372,189	4,580,651	3	0	3	1
Case 44	9	4,583,132	4,884,050	2	0	2	1
Case 44	9	4,888,355	4,943,454	3	0	3	1
Case 44	9	4,946,989	5,593,419	2	0	2	1
Case 44	9	5,604,769	5,769,251	3	0	3	1
Case 44	9	5,769,326	12,578,438	2	0	2	1
Case 44	9	12,581,270	12,772,498	3	0	3	1
Case 44	9	12,773,263	14,087,769	2	0	2	1
Case 44	9	14,088,789	14,312,724	3	0	3	1
Case 44	9	14,313,712	14,566,116	2	0	2	1
Case 44	9	14,566,406	14,694,211	3	0	3	1
Case 44	9	14,694,302	14,730,124	2	0	2	1
Case 44	9	14,730,234	14,823,221	3	0	3	1
Case 44	9	14,823,283	15,552,399	2	0	2	1
Case 44	9	15,564,100	15,874,622	3	0	3	1
Case 44	9	15,876,247	19,058,204	2	0	2	1
Case 44	9	19,058,396	19,087,154	3	0	3	1
Case 44	9	19,087,429	19,281,501	2	0	2	1
Case 44	9	19,290,143	19,332,100	3	0	3	1
Case 44	9	19,335,160	19,472,784	2	0	2	1
Case 44	9	19,476,532	19,637,920	3	0	3	1
Case 44	9	19,642,563	19,742,145	2	0	2	1
Case 44	9	19,746,160	19,898,792	3	0	3	1
Case 44	9	19,899,443	20,341,734	2	0	2	1
Case 44	9	20,342,044	20,820,347	3	0	3	1
Case 44	9	20,820,961	21,846,327	2	0	2	1
Case 44	9	21,853,221	22,362,104	3	0	3	1
Case 44	9	22,364,080	22,520,468	2	0	2	1
Case 44	9	22,523,533	22,784,110	3	0	3	1
Case 44	9	22,786,315	30,698,142	2	0	2	1
Case 44	9	30,713,637	30,728,974	4	1	5	0
Case 44	9	30,743,422	31,174,646	5	1	6	0
Case 44	9	31,178,755	31,602,656	4	2	6	0
Case 44	9	31,608,609	33,444,861	2	2	4	0
Case 44	9	33,447,547	33,518,281	2	1	3	0
Case 44	9	33,525,447	34,240,205	2	2	4	0
Case 44	9	34,241,267	34,257,923	2	1	3	0
Case 44	9	34,257,979	34,587,485	2	2	4	0
Case 44	9	34,592,699	34,710,450	2	0	2	1
Case 44	9	34,713,129	34,971,542	3	0	3	1
Case 44	9	34,972,352	35,881,628	2	0	2	1
Case 44	9	35,887,412	36,110,806	3	0	3	1
Case 44	9	36,113,712	36,234,439	2	0	2	1
Case 44	9	36,236,974	36,702,096	3	0	3	1
Case 44	9	36,702,485	39,076,028	2	0	2	1
Case 44	9	39,098,698	46,944,322	2	1	3	0
Case 44	9	65,629,772	69,410,435	2	1	3	0
Case 44	9	70,984,372	73,482,440	2	2	4	0
Case 44	9	73,485,048	74,298,720	3	2	5	0
Case 44	9	74,299,442	75,218,470	2	2	4	0
Case 44	9	75,229,248	76,731,402	3	2	5	0
Case 44	9	76,732,506	77,595,402	2	2	4	0
Case 44	9	77,595,948	77,851,696	3	2	5	0
Case 44	9	77,852,292	78,263,565	2	2	4	0
Case 44	9	78,266,575	78,465,639	3	2	5	0
Case 44	9	78,473,260	79,802,986	2	2	4	0

Case 44	9	79,818,630	80,032,108	3	2	5	0
Case 44	9	80,039,006	80,277,522	2	2	4	0
Case 44	9	80,279,958	80,772,413	3	2	5	0
Case 44	9	80,782,539	82,782,923	2	2	4	0
Case 44	9	82,788,836	83,539,913	3	2	5	0
Case 44	9	83,540,744	85,702,264	2	2	4	0
Case 44	9	85,704,334	85,798,722	3	2	5	0
Case 44	9	85,798,771	86,184,504	2	2	4	0
Case 44	9	86,185,455	86,426,620	3	2	5	0
Case 44	9	86,443,840	89,263,961	2	2	4	0
Case 44	9	89,269,078	89,874,893	3	2	5	0
Case 44	9	89,874,932	95,140,351	2	2	4	0
Case 44	9	95,142,080	95,258,739	3	2	5	0
Case 44	9	95,263,009	104,605,562	2	2	4	0
Case 44	9	104,613,466	106,423,464	3	2	5	0
Case 44	9	106,424,148	108,223,786	2	2	4	0
Case 44	9	108,224,424	108,397,456	3	2	5	0
Case 44	9	108,397,495	112,291,471	2	2	4	0
Case 44	9	112,294,766	112,532,676	3	2	5	0
Case 44	9	112,534,856	114,341,376	2	2	4	0
Case 44	9	114,342,146	114,777,275	3	2	5	0
Case 44	9	114,777,545	114,839,679	2	2	4	0
Case 44	9	114,842,383	115,447,935	3	2	5	0
Case 44	9	115,448,341	115,654,683	2	2	4	0
Case 44	9	115,660,368	115,900,533	3	2	5	0
Case 44	9	115,901,241	118,256,674	2	2	4	0
Case 44	9	118,258,940	118,790,317	3	2	5	0
Case 44	9	118,790,936	123,713,203	2	2	4	0
Case 44	9	123,714,395	123,924,221	3	2	5	0
Case 44	9	123,924,470	140,242,692	2	2	4	0
Case 44	9	140,243,566	140,243,973	2	0	2	1
Case 44	9	140,245,516	141,066,491	2	2	4	0
Case 44	10	98,087	1,018,585	3	1	4	0
Case 44	10	1,032,568	2,168,400	2	2	4	0
Case 44	10	2,172,881	2,715,418	2	1	3	0
Case 44	10	2,717,229	2,992,761	2	2	4	0
Case 44	10	2,993,191	3,176,363	2	1	3	0
Case 44	10	3,176,389	5,926,216	2	2	4	0
Case 44	10	5,929,962	6,028,491	2	1	3	0
Case 44	10	6,029,726	7,383,138	2	2	4	0
Case 44	10	7,385,798	7,653,065	2	1	3	0
Case 44	10	7,654,501	7,759,595	2	2	4	0
Case 44	10	7,759,650	7,790,894	2	1	3	0
Case 44	10	7,791,218	7,932,563	2	2	4	0
Case 44	10	7,935,761	8,247,228	2	1	3	0
Case 44	10	8,251,061	8,449,327	2	2	4	0
Case 44	10	8,453,142	8,714,074	2	1	3	0
Case 44	10	8,715,144	10,546,342	2	2	4	0
Case 44	10	10,549,627	10,772,031	2	1	3	0
Case 44	10	10,773,755	12,940,377	2	2	4	0
Case 44	10	12,940,631	13,017,220	2	1	3	0
Case 44	10	13,022,684	13,663,011	2	2	4	0
Case 44	10	13,664,667	13,790,265	2	1	3	0
Case 44	10	13,791,188	16,477,295	2	2	4	0
Case 44	10	16,478,278	16,584,422	2	1	3	0
Case 44	10	16,585,522	16,806,492	2	2	4	0
Case 44	10	16,807,745	16,903,080	2	1	3	0
Case 44	10	16,905,500	18,758,893	2	2	4	0
Case 44	10	18,759,629	18,892,382	2	1	3	0
Case 44	10	18,896,035	23,383,522	2	2	4	0
Case 44	10	23,387,179	23,729,362	2	1	3	0

Case 44	10	23,730,191	24,753,335	2	2	4	0
Case 44	10	24,762,214	24,842,278	2	1	3	0
Case 44	10	24,842,340	29,642,160	2	2	4	0
Case 44	10	29,648,177	29,780,468	2	1	3	0
Case 44	10	29,781,479	29,812,889	2	2	4	0
Case 44	10	29,812,928	29,839,787	2	1	3	0
Case 44	10	29,839,864	31,081,548	2	2	4	0
Case 44	10	31,082,591	31,138,817	2	1	3	0
Case 44	10	31,139,255	35,894,560	2	2	4	0
Case 44	10	35,896,470	36,191,613	2	1	3	0
Case 44	10	36,198,869	39,070,516	2	2	4	0
Case 44	10	39,088,829	39,097,912	2	0	2	1
Case 44	10	42,436,301	61,598,118	2	0	2	1
Case 44	10	61,600,910	61,813,046	3	0	3	1
Case 44	10	61,813,117	61,833,170	2	0	2	1
Case 44	10	61,833,414	61,882,020	3	0	3	1
Case 44	10	61,882,414	63,952,639	2	0	2	1
Case 44	10	63,954,188	64,014,095	3	0	3	1
Case 44	10	64,022,478	70,338,978	2	0	2	1
Case 44	10	70,341,213	70,925,830	3	0	3	1
Case 44	10	70,930,360	71,905,780	2	0	2	1
Case 44	10	71,906,150	72,048,894	3	0	3	1
Case 44	10	72,049,765	73,772,336	2	0	2	1
Case 44	10	73,772,570	74,016,351	3	0	3	1
Case 44	10	74,020,044	74,884,078	2	0	2	1
Case 44	10	74,884,891	75,265,095	3	0	3	1
Case 44	10	75,265,136	75,896,523	2	0	2	1
Case 44	10	75,900,462	75,940,906	0	0	0	0
Case 44	10	75,946,564	76,400,262	3	0	3	1
Case 44	10	76,401,365	88,799,610	2	0	2	1
Case 44	10	88,813,420	89,826,707	3	0	3	1
Case 44	10	89,826,804	90,155,863	2	0	2	1
Case 44	10	90,167,065	90,436,201	3	0	3	1
Case 44	10	90,438,207	91,469,005	2	0	2	1
Case 44	10	91,469,145	91,551,019	3	0	3	1
Case 44	10	91,553,642	93,781,926	2	0	2	1
Case 44	10	93,784,696	94,782,735	3	0	3	1
Case 44	10	94,783,432	94,899,090	2	0	2	1
Case 44	10	94,899,803	95,264,375	3	0	3	1
Case 44	10	95,264,507	95,389,728	2	0	2	1
Case 44	10	95,392,149	95,755,058	3	0	3	1
Case 44	10	95,764,616	96,796,861	2	0	2	1
Case 44	10	96,797,033	96,804,676	3	0	3	1
Case 44	10	96,805,060	97,013,497	2	0	2	1
Case 44	10	97,020,612	97,305,536	3	0	3	1
Case 44	10	97,308,045	98,004,697	2	0	2	1
Case 44	10	98,006,765	98,127,590	3	0	3	1
Case 44	10	98,127,968	98,407,483	2	0	2	1
Case 44	10	98,410,170	98,741,907	3	0	3	1
Case 44	10	98,741,943	99,531,185	2	0	2	1
Case 44	10	99,531,239	99,640,572	3	0	3	1
Case 44	10	99,640,651	101,295,143	2	0	2	1
Case 44	10	101,301,346	101,565,157	3	0	3	1
Case 44	10	101,565,167	101,877,961	2	0	2	1
Case 44	10	101,880,700	102,109,202	3	0	3	1
Case 44	10	102,111,046	102,427,797	2	0	2	1
Case 44	10	102,433,046	102,732,746	3	0	3	1
Case 44	10	102,733,008	103,372,098	2	0	2	1
Case 44	10	103,390,956	103,455,809	7	0	7	1
Case 44	10	103,488,124	104,597,152	2	0	2	1
Case 44	10	104,597,480	105,198,457	3	0	3	1



Case 44	10	105,199,552	105,642,449	2	0	2	1
Case 44	10	105,642,542	106,027,144	3	0	3	1
Case 44	10	106,027,902	111,773,423	2	0	2	1
Case 44	10	111,775,849	112,115,666	3	0	3	1
Case 44	10	112,116,232	112,323,187	2	0	2	1
Case 44	10	112,326,831	112,394,893	3	0	3	1
Case 44	10	112,397,144	114,081,995	2	0	2	1
Case 44	10	114,082,666	114,724,358	3	0	3	1
Case 44	10	114,732,906	115,372,156	2	0	2	1
Case 44	10	115,372,177	116,044,725	3	0	3	1
Case 44	10	116,045,577	116,171,638	2	0	2	1
Case 44	10	116,172,486	116,602,741	3	0	3	1
Case 44	10	116,603,648	116,708,190	2	0	2	1
Case 44	10	116,714,241	117,228,778	3	0	3	1
Case 44	10	117,228,794	121,462,638	2	0	2	1
Case 44	10	121,464,562	121,762,190	3	0	3	1
Case 44	10	121,764,195	122,374,787	2	0	2	1
Case 44	10	122,383,804	124,337,325	7	0	7	1
Case 44	10	124,351,013	124,351,860	2	0	2	1
Case 44	10	124,353,109	124,396,678	4	1	5	0
Case 44	10	124,396,760	124,824,630	6	1	7	0
Case 44	10	124,827,165	124,913,996	4	1	5	0
Case 44	10	124,916,984	126,419,153	6	1	7	0
Case 44	10	126,438,019	126,438,019	2	2	4	0
Case 44	10	126,445,630	128,894,539	2	0	2	1
Case 44	10	128,901,414	129,023,096	3	0	3	1
Case 44	10	129,025,576	135,477,883	2	0	2	1
Case 44	11	193,146	558,669	2	2	4	0
Case 44	11	558,690	639,830	2	1	3	0
Case 44	11	640,253	1,016,238	2	2	4	0
Case 44	11	1,016,253	1,023,530	2	1	3	0
Case 44	11	1,023,605	3,664,427	2	2	4	0
Case 44	11	3,665,604	3,697,789	2	1	3	0
Case 44	11	3,698,843	4,790,214	2	2	4	0
Case 44	11	4,790,268	4,904,082	2	1	3	0
Case 44	11	4,905,155	4,932,775	2	2	4	0
Case 44	11	4,934,503	4,946,056	2	1	3	0
Case 44	11	4,946,345	5,361,272	2	2	4	0
Case 44	11	5,364,013	5,474,965	2	1	3	0
Case 44	11	5,474,971	5,510,626	2	2	4	0
Case 44	11	5,510,688	5,537,608	2	1	3	0
Case 44	11	5,539,139	5,850,768	2	2	4	0
Case 44	11	5,850,793	5,906,367	2	1	3	0
Case 44	11	5,906,424	6,220,713	2	2	4	0
Case 44	11	6,220,820	6,265,569	2	1	3	0
Case 44	11	6,265,620	6,397,336	2	2	4	0
Case 44	11	6,400,407	6,662,787	2	1	3	0
Case 44	11	6,666,054	7,669,736	2	2	4	0
Case 44	11	7,670,139	7,721,974	2	1	3	0
Case 44	11	7,723,017	10,614,128	2	2	4	0
Case 44	11	10,615,473	10,655,609	2	1	3	0
Case 44	11	10,656,687	15,197,630	2	2	4	0
Case 44	11	15,198,685	15,267,597	2	1	3	0
Case 44	11	15,267,727	16,015,766	2	2	4	0
Case 44	11	16,022,866	16,787,777	3	0	3	1
Case 44	11	16,787,922	17,062,454	2	0	2	1
Case 44	11	17,069,800	18,636,422	2	2	4	0
Case 44	11	18,636,425	18,764,915	2	1	3	0
Case 44	11	18,765,648	20,612,269	2	2	4	0
Case 44	11	20,618,035	20,669,971	2	1	3	0
Case 44	11	20,673,867	43,238,542	2	2	4	0

Case 44	11	43,239,836	43,544,452	2	1	3	0
Case 44	11	43,544,831	50,467,961	2	2	4	0
Case 44	11	50,468,978	51,372,036	2	1	3	0
Case 44	11	51,379,204	51,591,253	2	2	4	0
Case 44	11	54,794,237	55,110,277	2	2	4	0
Case 44	11	55,110,761	55,136,143	2	1	3	0
Case 44	11	55,136,149	55,321,978	2	2	4	0
Case 44	11	55,322,020	55,437,126	2	1	3	0
Case 44	11	55,445,294	55,563,362	2	2	4	0
Case 44	11	55,563,402	55,606,712	2	1	3	0
Case 44	11	55,607,114	56,467,897	2	2	4	0
Case 44	11	56,467,898	56,511,066	3	0	3	1
Case 44	11	56,511,104	57,065,220	2	2	4	0
Case 44	11	57,066,448	57,156,586	2	1	3	0
Case 44	11	57,156,590	59,210,550	2	2	4	0
Case 44	11	59,210,646	59,578,322	2	1	3	0
Case 44	11	59,586,423	60,470,896	2	2	4	0
Case 44	11	60,470,914	60,704,740	2	1	3	0
Case 44	11	60,704,782	60,829,178	2	2	4	0
Case 44	11	60,830,367	61,078,988	2	1	3	0
Case 44	11	61,081,819	61,533,183	2	2	4	0
Case 44	11	61,533,449	61,730,619	2	1	3	0
Case 44	11	61,731,233	62,287,107	2	2	4	0
Case 44	11	62,287,166	62,434,314	2	1	3	0
Case 44	11	62,434,383	63,999,929	2	2	4	0
Case 44	11	63,999,971	64,028,916	2	1	3	0
Case 44	11	64,031,030	64,525,334	2	2	4	0
Case 44	11	64,525,729	64,607,663	2	1	3	0
Case 44	11	64,607,665	67,077,712	2	2	4	0
Case 44	11	67,079,143	67,266,164	2	1	3	0
Case 44	11	67,266,176	68,685,216	2	2	4	0
Case 44	11	68,685,306	68,793,206	2	1	3	0
Case 44	11	68,798,102	72,917,269	2	2	4	0
Case 44	11	72,918,159	73,106,496	2	1	3	0
Case 44	11	73,106,507	92,531,356	2	2	4	0
Case 44	11	92,531,377	92,623,951	2	1	3	0
Case 44	11	92,624,169	104,857,221	2	2	4	0
Case 44	11	104,866,515	105,010,448	2	1	3	0
Case 44	11	105,016,907	113,925,266	2	2	4	0
Case 44	11	113,928,861	114,071,287	2	1	3	0
Case 44	11	114,072,365	117,038,251	2	2	4	0
Case 44	11	117,038,426	117,308,649	2	1	3	0
Case 44	11	117,308,707	118,502,670	2	2	4	0
Case 44	11	118,502,688	118,533,904	2	1	3	0
Case 44	11	118,534,082	118,755,738	2	2	4	0
Case 44	11	118,758,089	118,959,331	2	1	3	0
Case 44	11	118,959,391	118,981,364	2	2	4	0
Case 44	11	118,981,382	119,060,188	2	1	3	0
Case 44	11	119,060,963	122,495,678	2	2	4	0
Case 44	11	122,496,249	122,595,235	2	1	3	0
Case 44	11	122,598,951	123,447,713	2	2	4	0
Case 44	11	123,452,297	123,504,870	2	1	3	0
Case 44	11	123,505,099	123,777,536	2	2	4	0
Case 44	11	123,777,546	123,917,393	3	0	3	1
Case 44	11	123,918,667	124,506,947	2	2	4	0
Case 44	11	124,506,967	124,674,924	2	1	3	0
Case 44	11	124,677,941	124,742,365	2	2	4	0
Case 44	11	124,742,385	124,767,067	2	1	3	0
Case 44	11	124,769,619	133,599,939	2	2	4	0
Case 44	11	133,602,329	133,803,239	2	1	3	0
Case 44	11	133,805,585	134,470,241	2	2	4	0

Case 44	11	134,478,278	134,560,189	2	1	3	0
Case 44	11	134,561,194	134,934,063	2	2	4	0
Case 44	12	191,619	333,226	2	0	2	1
Case 44	12	333,238	637,363	3	0	3	1
Case 44	12	638,166	1,180,197	2	0	2	1
Case 44	12	1,192,370	1,734,593	3	0	3	1
Case 44	12	1,737,580	2,074,822	2	0	2	1
Case 44	12	2,077,618	2,500,203	3	0	3	1
Case 44	12	2,500,314	3,867,471	2	0	2	1
Case 44	12	3,868,309	3,978,256	3	0	3	1
Case 44	12	3,978,661	6,572,549	2	0	2	1
Case 44	12	6,573,146	6,905,181	3	0	3	1
Case 44	12	6,905,417	7,362,801	2	0	2	1
Case 44	12	7,364,442	7,632,492	3	0	3	1
Case 44	12	7,632,533	10,356,914	2	0	2	1
Case 44	12	10,362,875	10,570,965	3	0	3	1
Case 44	12	10,571,024	11,975,818	2	0	2	1
Case 44	12	11,977,949	12,397,428	3	0	3	1
Case 44	12	12,397,532	12,496,153	2	0	2	1
Case 44	12	12,496,184	12,586,936	3	0	3	1
Case 44	12	12,589,705	12,940,506	2	0	2	1
Case 44	12	12,940,830	14,609,541	3	0	3	1
Case 44	12	14,610,199	15,134,729	2	0	2	1
Case 44	12	15,135,357	16,222,477	3	0	3	1
Case 44	12	16,227,627	22,525,876	2	0	2	1
Case 44	12	22,535,713	22,954,215	3	0	3	1
Case 44	12	22,956,137	28,231,087	2	0	2	1
Case 44	12	28,231,529	28,324,833	3	0	3	1
Case 44	12	28,330,659	30,789,975	2	0	2	1
Case 44	12	30,789,981	30,877,327	3	0	3	1
Case 44	12	30,877,343	32,472,514	2	0	2	1
Case 44	12	32,476,727	32,704,908	3	0	3	1
Case 44	12	32,706,067	32,754,253	2	0	2	1
Case 44	12	32,755,259	32,906,865	3	0	3	1
Case 44	12	32,906,871	33,064,825	2	0	2	1
Case 44	12	33,070,372	33,626,530	3	0	3	1
Case 44	12	33,629,542	34,853,011	2	0	2	1
Case 44	12	37,876,400	51,089,137	2	1	3	0
Case 44	12	51,089,718	51,939,749	2	2	4	0
Case 44	12	51,940,447	52,115,545	3	2	5	0
Case 44	12	52,139,786	53,908,839	2	2	4	0
Case 44	12	53,912,961	54,099,369	3	2	5	0
Case 44	12	54,100,756	54,196,100	2	2	4	0
Case 44	12	54,203,866	54,357,198	3	0	3	1
Case 44	12	54,360,429	55,688,894	2	2	4	0
Case 44	12	55,688,895	55,920,314	3	2	5	0
Case 44	12	55,921,591	58,340,855	2	2	4	0
Case 44	12	58,342,677	59,529,479	3	2	5	0
Case 44	12	59,534,075	61,643,164	4	2	6	0
Case 44	12	61,664,878	61,802,276	2	1	3	0
Case 44	12	61,815,188	62,994,433	6	1	7	0
Case 44	12	62,995,984	63,195,840	4	1	5	0
Case 44	12	63,198,885	66,606,228	5	1	6	0
Case 44	12	66,610,970	66,815,880	4	1	5	0
Case 44	12	66,816,139	69,133,950	5	1	6	0
Case 44	12	69,135,744	69,411,195	4	1	5	0
Case 44	12	69,417,521	69,645,385	2	2	4	0
Case 44	12	69,645,566	70,836,819	3	2	5	0
Case 44	12	70,837,122	72,115,892	2	2	4	0
Case 44	12	72,118,258	72,317,808	3	2	5	0
Case 44	12	72,323,834	72,977,698	2	2	4	0

Case 44	12	72,993,694	73,061,014	5	1	6	0
Case 44	12	73,067,572	73,525,625	4	1	5	0
Case 44	12	73,526,915	74,925,886	4	2	6	0
Case 44	12	74,931,063	112,771,063	2	1	3	0
Case 44	12	112,781,844	113,382,281	2	2	4	0
Case 44	12	113,382,362	113,646,036	2	1	3	0
Case 44	12	113,646,044	117,890,947	2	2	4	0
Case 44	12	117,892,931	118,012,391	2	1	3	0
Case 44	12	118,013,591	119,560,500	2	2	4	0
Case 44	12	119,561,045	119,698,679	2	1	3	0
Case 44	12	119,700,000	122,656,256	2	2	4	0
Case 44	12	122,657,198	122,701,389	2	1	3	0
Case 44	12	122,706,844	123,338,616	2	2	4	0
Case 44	12	123,339,117	123,572,495	2	1	3	0
Case 44	12	123,574,838	124,371,744	2	2	4	0
Case 44	12	124,371,782	124,434,346	2	1	3	0
Case 44	12	124,449,951	124,820,043	2	2	4	0
Case 44	12	124,821,403	124,880,884	2	1	3	0
Case 44	12	124,883,884	126,980,655	2	2	4	0
Case 44	12	126,985,891	127,271,247	2	1	3	0
Case 44	12	127,271,810	128,919,798	2	2	4	0
Case 44	12	128,919,835	129,373,073	2	1	3	0
Case 44	12	129,373,247	129,446,921	2	2	4	0
Case 44	12	129,451,607	129,580,651	2	1	3	0
Case 44	12	129,582,658	130,541,023	2	2	4	0
Case 44	12	130,541,525	130,655,365	2	1	3	0
Case 44	12	130,659,526	131,438,037	2	2	4	0
Case 44	12	131,438,217	131,508,818	2	1	3	0
Case 44	12	131,510,577	132,316,248	2	2	4	0
Case 44	12	132,317,991	132,635,871	2	1	3	0
Case 44	12	132,635,873	133,058,066	2	2	4	0
Case 44	12	133,058,288	133,384,678	2	1	3	0
Case 44	12	133,384,688	133,810,935	2	2	4	0
Case 44	13	19,058,717	19,758,799	3	0	3	1
Case 44	13	19,771,535	20,676,866	4	0	4	1
Case 44	13	20,678,392	20,940,589	3	0	3	1
Case 44	13	20,942,121	21,118,721	4	0	4	1
Case 44	13	21,120,557	21,483,113	5	0	5	1
Case 44	13	21,483,892	21,555,714	4	0	4	1
Case 44	13	21,557,450	21,714,920	3	0	3	1
Case 44	13	21,715,602	21,872,188	2	2	4	0
Case 44	13	21,872,348	21,947,766	3	0	3	1
Case 44	13	21,948,988	22,227,197	4	0	4	1
Case 44	13	22,231,601	22,715,567	3	0	3	1
Case 44	13	22,716,323	23,915,032	4	0	4	1
Case 44	13	23,915,265	24,035,936	3	0	3	1
Case 44	13	24,042,510	24,203,027	4	0	4	1
Case 44	13	24,205,195	24,294,105	3	0	3	1
Case 44	13	24,295,793	24,424,039	4	0	4	1
Case 44	13	24,425,169	24,524,626	5	0	5	1
Case 44	13	24,525,604	25,133,109	4	0	4	1
Case 44	13	25,148,188	25,338,442	3	0	3	1
Case 44	13	25,343,894	25,451,375	4	0	4	1
Case 44	13	25,453,116	25,820,189	3	0	3	1
Case 44	13	25,821,603	26,651,661	4	0	4	1
Case 44	13	26,654,842	27,058,326	3	0	3	1
Case 44	13	27,058,919	27,241,782	4	0	4	1
Case 44	13	27,241,791	27,581,662	3	0	3	1
Case 44	13	27,583,074	27,909,319	4	0	4	1
Case 44	13	27,910,122	28,152,734	3	0	3	1
Case 44	13	28,155,529	28,358,840	4	0	4	1

Case 44	13	28,360,487	28,556,252	3	0	3	1
Case 44	13	28,558,163	28,874,262	4	0	4	1
Case 44	13	28,875,789	30,540,231	3	0	3	1
Case 44	13	30,552,901	30,769,735	4	0	4	1
Case 44	13	30,770,760	30,829,622	5	0	5	1
Case 44	13	30,829,650	31,231,872	4	0	4	1
Case 44	13	31,231,886	32,259,041	3	0	3	1
Case 44	13	32,270,907	32,773,559	4	0	4	1
Case 44	13	32,776,542	32,896,846	3	0	3	1
Case 44	13	32,900,279	33,541,005	4	0	4	1
Case 44	13	33,544,511	33,837,836	3	0	3	1
Case 44	13	33,842,296	34,801,969	4	0	4	1
Case 44	13	34,815,910	35,431,868	3	0	3	1
Case 44	13	35,434,797	36,229,873	4	0	4	1
Case 44	13	36,236,428	37,988,791	3	0	3	1
Case 44	13	37,990,293	38,158,993	4	0	4	1
Case 44	13	38,159,633	40,253,741	3	0	3	1
Case 44	13	40,257,949	40,631,198	4	0	4	1
Case 44	13	40,634,061	41,134,019	3	0	3	1
Case 44	13	41,134,096	43,681,427	4	0	4	1
Case 44	13	43,681,963	43,930,337	3	0	3	1
Case 44	13	43,932,798	44,700,290	4	0	4	1
Case 44	13	44,702,605	45,404,442	3	0	3	1
Case 44	13	45,409,251	46,282,275	4	0	4	1
Case 44	13	46,282,761	46,563,074	3	0	3	1
Case 44	13	46,563,128	46,946,076	4	0	4	1
Case 44	13	46,946,099	47,337,846	3	0	3	1
Case 44	13	47,345,330	47,854,082	4	0	4	1
Case 44	13	47,854,508	49,073,796	5	0	5	1
Case 44	13	49,076,863	49,430,822	4	0	4	1
Case 44	13	49,431,829	51,565,316	5	0	5	1
Case 44	13	51,571,545	51,921,510	4	0	4	1
Case 44	13	51,924,375	52,097,959	5	0	5	1
Case 44	13	52,100,822	52,684,475	4	0	4	1
Case 44	13	52,684,492	53,277,894	5	0	5	1
Case 44	13	53,278,680	54,142,688	4	0	4	1
Case 44	13	54,146,159	59,770,846	5	0	5	1
Case 44	13	59,774,430	60,242,095	4	0	4	1
Case 44	13	60,249,797	61,141,669	5	0	5	1
Case 44	13	61,141,696	61,603,054	4	0	4	1
Case 44	13	61,625,083	61,984,781	5	0	5	1
Case 44	13	61,985,401	62,008,597	4	0	4	1
Case 44	13	62,012,673	67,798,928	5	0	5	1
Case 44	13	67,799,329	67,932,513	4	0	4	1
Case 44	13	67,932,941	76,377,622	5	0	5	1
Case 44	13	76,378,436	76,444,390	4	0	4	1
Case 44	13	76,445,189	77,003,686	5	0	5	1
Case 44	13	77,029,851	77,570,156	4	0	4	1
Case 44	13	77,573,046	78,315,295	5	0	5	1
Case 44	13	78,318,599	78,492,734	4	0	4	1
Case 44	13	78,499,569	86,309,366	5	0	5	1
Case 44	13	86,312,117	86,386,087	4	0	4	1
Case 44	13	86,386,146	88,299,219	5	0	5	1
Case 44	13	88,303,033	88,539,103	4	0	4	1
Case 44	13	88,539,816	89,030,355	5	0	5	1
Case 44	13	89,033,066	89,393,187	4	0	4	1
Case 44	13	89,404,414	91,674,153	5	0	5	1
Case 44	13	91,679,413	92,383,193	4	0	4	1
Case 44	13	92,387,661	93,746,969	5	0	5	1
Case 44	13	93,748,609	94,067,286	4	0	4	1
Case 44	13	94,068,036	94,959,454	5	0	5	1

Case 44	13	94,965,048	95,171,411	4	0	4	1
Case 44	13	95,172,523	95,711,087	5	0	5	1
Case 44	13	95,711,378	95,736,210	4	0	4	1
Case 44	13	95,736,650	95,815,454	5	0	5	1
Case 44	13	95,815,535	96,220,815	4	0	4	1
Case 44	13	96,229,525	98,826,946	5	0	5	1
Case 44	13	98,827,263	99,468,479	4	0	4	1
Case 44	13	99,469,134	100,451,255	5	0	5	1
Case 44	13	100,456,122	100,646,056	4	0	4	1
Case 44	13	100,646,613	101,048,288	5	0	5	1
Case 44	13	101,061,387	102,454,467	4	0	4	1
Case 44	13	102,457,983	102,827,141	5	0	5	1
Case 44	13	102,829,417	103,142,249	4	0	4	1
Case 44	13	103,143,157	103,338,494	5	0	5	1
Case 44	13	103,338,608	103,905,171	4	0	4	1
Case 44	13	103,914,406	104,885,560	5	0	5	1
Case 44	13	104,888,924	105,031,795	4	0	4	1
Case 44	13	105,031,917	107,014,305	5	0	5	1
Case 44	13	107,015,114	115,103,529	4	0	4	1
Case 44	14	19,280,733	19,464,123	2	2	4	0
Case 44	14	19,700,048	20,622,221	2	1	3	0
Case 44	14	20,622,987	20,711,858	2	2	4	0
Case 44	14	20,711,911	20,837,701	3	2	5	0
Case 44	14	20,837,854	20,940,468	3	1	4	0
Case 44	14	20,940,515	20,983,113	4	1	5	0
Case 44	14	20,988,087	21,108,457	5	1	6	0
Case 44	14	21,108,896	21,624,197	4	1	5	0
Case 44	14	21,625,242	21,785,790	5	1	6	0
Case 44	14	21,789,794	22,133,994	4	1	5	0
Case 44	14	22,133,997	23,005,786	6	1	7	0
Case 44	14	23,006,908	23,081,926	4	1	5	0
Case 44	14	23,091,696	23,502,746	5	1	6	0
Case 44	14	23,504,021	23,612,489	4	1	5	0
Case 44	14	23,612,586	23,843,363	5	1	6	0
Case 44	14	23,844,023	23,873,951	4	1	5	0
Case 44	14	23,874,523	99,747,991	2	1	3	0
Case 44	14	99,751,588	100,075,456	2	0	2	1
Case 44	14	100,078,900	101,094,177	2	2	4	0
Case 44	14	101,099,142	101,718,025	3	1	4	0
Case 44	14	101,718,503	102,157,773	3	2	5	0
Case 44	14	102,183,359	102,568,367	3	0	3	1
Case 44	14	102,586,124	102,694,471	2	0	2	1
Case 44	14	102,695,406	107,287,663	2	1	3	0
Case 44	15	20,034,919	20,212,798	0	0	0	0
Case 44	15	20,612,840	22,652,330	3	0	3	1
Case 44	15	22,750,305	32,418,038	2	0	2	1
Case 44	15	32,439,298	32,929,104	3	0	3	1
Case 44	15	32,929,312	33,191,049	2	0	2	1
Case 44	15	33,194,125	33,294,217	3	0	3	1
Case 44	15	33,298,235	37,236,342	2	0	2	1
Case 44	15	37,240,506	37,332,109	3	0	3	1
Case 44	15	37,335,057	39,910,404	2	0	2	1
Case 44	15	39,910,431	40,509,803	3	0	3	1
Case 44	15	40,512,818	40,885,107	2	0	2	1
Case 44	15	40,886,553	40,947,116	3	0	3	1
Case 44	15	40,947,164	41,276,035	2	0	2	1
Case 44	15	41,276,158	41,772,510	3	0	3	1
Case 44	15	41,774,423	41,827,745	2	0	2	1
Case 44	15	41,827,757	42,107,578	3	0	3	1
Case 44	15	42,107,924	42,227,441	2	0	2	1
Case 44	15	42,229,041	43,086,885	4	0	4	1

Case 44	15	43,097,652	43,485,930	5	0	5	1
Case 44	15	43,489,532	44,245,931	4	0	4	1
Case 44	15	44,247,056	44,943,797	5	0	5	1
Case 44	15	44,943,875	45,847,921	4	0	4	1
Case 44	15	45,872,269	50,921,292	2	0	2	1
Case 44	15	50,929,645	51,500,835	3	0	3	1
Case 44	15	51,502,844	52,564,893	2	0	2	1
Case 44	15	52,567,631	53,001,538	3	0	3	1
Case 44	15	53,002,685	56,657,796	2	0	2	1
Case 44	15	56,657,826	57,645,324	3	0	3	1
Case 44	15	57,645,519	57,874,494	2	0	2	1
Case 44	15	57,876,962	58,253,231	3	0	3	1
Case 44	15	58,253,269	58,504,678	2	0	2	1
Case 44	15	58,506,421	58,648,371	3	0	3	1
Case 44	15	58,649,477	58,858,025	2	0	2	1
Case 44	15	58,858,910	61,104,895	3	0	3	1
Case 44	15	61,105,886	61,682,934	2	0	2	1
Case 44	15	61,684,980	61,845,418	3	0	3	1
Case 44	15	61,845,512	62,146,598	2	0	2	1
Case 44	15	62,147,087	62,427,674	3	0	3	1
Case 44	15	62,427,973	63,414,116	2	0	2	1
Case 44	15	63,414,813	63,743,953	3	0	3	1
Case 44	15	63,747,396	63,880,962	4	0	4	1
Case 44	15	63,882,919	101,900,203	3	0	3	1
Case 44	15	101,903,153	102,194,288	2	0	2	1
Case 44	15	102,194,813	102,277,592	3	0	3	1
Case 44	15	102,288,471	102,461,162	2	0	2	1
Case 44	16	88,165	1,842,516	2	0	2	1
Case 44	16	1,849,916	1,943,418	3	0	3	1
Case 44	16	1,946,062	2,329,121	2	0	2	1
Case 44	16	2,331,173	2,498,978	3	0	3	1
Case 44	16	2,500,844	2,807,263	2	0	2	1
Case 44	16	2,807,922	2,817,599	3	0	3	1
Case 44	16	2,817,983	3,266,552	2	0	2	1
Case 44	16	3,269,932	3,293,922	3	0	3	1
Case 44	16	3,294,255	3,340,845	2	0	2	1
Case 44	16	3,344,618	3,406,198	3	0	3	1
Case 44	16	3,406,340	3,650,429	2	0	2	1
Case 44	16	3,650,510	3,695,354	3	0	3	1
Case 44	16	3,701,824	4,003,054	2	0	2	1
Case 44	16	4,007,086	4,133,076	3	0	3	1
Case 44	16	4,135,350	4,864,538	2	0	2	1
Case 44	16	4,864,570	4,918,326	3	0	3	1
Case 44	16	4,919,596	5,608,833	2	0	2	1
Case 44	16	5,609,707	5,785,307	3	0	3	1
Case 44	16	5,786,389	11,298,850	2	0	2	1
Case 44	16	11,299,077	11,396,350	3	0	3	1
Case 44	16	11,403,893	11,826,841	2	0	2	1
Case 44	16	11,828,018	12,082,233	3	0	3	1
Case 44	16	12,084,047	19,049,253	2	0	2	1
Case 44	16	19,049,346	19,471,665	3	0	3	1
Case 44	16	19,473,265	19,534,262	2	0	2	1
Case 44	16	19,534,925	19,691,514	3	0	3	1
Case 44	16	19,693,593	20,439,568	2	0	2	1
Case 44	16	20,441,013	20,568,843	3	0	3	1
Case 44	16	20,573,575	21,098,323	2	0	2	1
Case 44	16	21,104,170	21,211,039	3	0	3	1
Case 44	16	21,211,138	21,734,417	2	0	2	1
Case 44	16	21,737,414	22,105,597	3	0	3	1
Case 44	16	22,110,772	22,360,712	2	0	2	1
Case 44	16	22,361,172	22,795,449	3	0	3	1

Case 44	16	22,797,852	31,737,373	2	0	2	1
Case 44	16	31,743,663	33,460,718	3	0	3	1
Case 44	16	33,557,021	35,285,582	2	0	2	1
Case 44	16	46,450,037	66,549,280	2	0	2	1
Case 44	16	66,551,110	66,857,451	3	0	3	1
Case 44	16	66,860,993	68,156,733	2	0	2	1
Case 44	16	68,156,751	68,343,969	3	0	3	1
Case 44	16	68,344,329	68,772,239	2	0	2	1
Case 44	16	68,772,681	69,511,343	3	0	3	1
Case 44	16	69,513,835	69,564,497	2	0	2	1
Case 44	16	69,586,228	69,892,430	3	0	3	1
Case 44	16	69,895,286	70,524,256	2	0	2	1
Case 44	16	70,528,224	70,688,459	3	0	3	1
Case 44	16	70,690,511	70,841,656	2	0	2	1
Case 44	16	70,841,658	71,052,311	2	1	3	0
Case 44	16	71,054,116	71,224,681	3	0	3	1
Case 44	16	71,244,275	74,130,928	2	0	2	1
Case 44	16	74,130,985	74,708,900	3	0	3	1
Case 44	16	74,708,906	74,829,373	2	0	2	1
Case 44	16	74,831,956	74,938,083	3	0	3	1
Case 44	16	74,940,366	75,699,981	2	0	2	1
Case 44	16	75,717,930	76,297,606	3	0	3	1
Case 44	16	76,311,574	81,241,220	2	0	2	1
Case 44	16	81,242,097	81,470,018	3	0	3	1
Case 44	16	81,471,654	82,160,399	2	0	2	1
Case 44	16	82,160,951	82,451,159	3	0	3	1
Case 44	16	82,454,743	84,623,402	2	0	2	1
Case 44	16	84,623,989	84,793,502	3	0	3	1
Case 44	16	84,794,632	85,996,295	2	0	2	1
Case 44	16	85,997,281	86,094,754	3	0	3	1
Case 44	16	86,095,113	87,191,166	2	0	2	1
Case 44	16	87,199,038	87,575,332	3	0	3	1
Case 44	16	87,575,619	87,908,401	2	0	2	1
Case 44	16	87,911,909	88,185,911	3	0	3	1
Case 44	16	88,198,214	88,633,354	2	0	2	1
Case 44	16	88,633,978	88,689,677	3	0	3	1
Case 44	16	88,691,018	89,347,431	2	0	2	1
Case 44	16	89,347,440	89,614,451	3	0	3	1
Case 44	16	89,619,540	89,813,093	2	0	2	1
Case 44	16	89,814,188	89,877,200	3	0	3	1
Case 44	16	89,877,386	90,123,493	2	0	2	1
Case 44	16	90,123,732	90,274,695	3	0	3	1
Case 44	17	11,885	17,786,137	3	0	3	1
Case 44	17	17,788,344	19,180,190	4	0	4	1
Case 44	17	19,186,967	21,810,779	3	0	3	1
Case 44	17	21,825,993	22,242,355	4	0	4	1
Case 44	17	25,268,142	25,956,348	2	1	3	0
Case 44	17	25,957,334	26,099,363	3	0	3	1
Case 44	17	26,100,144	29,038,032	2	1	3	0
Case 44	17	29,047,285	45,406,167	2	2	4	0
Case 44	17	45,406,345	45,704,031	3	2	5	0
Case 44	17	45,707,871	48,119,457	2	2	4	0
Case 44	17	48,122,322	48,849,868	4	1	5	0
Case 44	17	48,851,094	51,035,455	2	2	4	0
Case 44	17	51,039,012	51,665,573	3	2	5	0
Case 44	17	51,668,721	61,006,885	2	2	4	0
Case 44	17	61,008,762	61,384,439	3	2	5	0
Case 44	17	61,391,652	63,905,236	2	2	4	0
Case 44	17	63,914,750	64,202,857	3	2	5	0
Case 44	17	64,206,634	67,189,302	2	2	4	0
Case 44	17	67,189,973	67,318,946	3	2	5	0



Case 44	17	67,319,561	68,342,067	2	2	4	0
Case 44	17	68,344,483	68,684,942	3	2	5	0
Case 44	17	68,686,549	69,061,741	2	2	4	0
Case 44	17	69,061,947	69,541,721	3	2	5	0
Case 44	17	69,542,130	81,060,040	2	2	4	0
Case 44	18	87,505	2,881,839	5	0	5	1
Case 44	18	2,885,110	2,913,187	4	0	4	1
Case 44	18	2,913,211	5,391,181	5	0	5	1
Case 44	18	5,395,098	5,416,221	4	0	4	1
Case 44	18	5,417,183	6,926,854	5	0	5	1
Case 44	18	6,928,180	7,257,071	4	0	4	1
Case 44	18	7,264,395	8,778,916	5	0	5	1
Case 44	18	8,781,129	8,830,080	4	0	4	1
Case 44	18	8,830,096	14,902,902	5	0	5	1
Case 44	18	14,903,483	15,375,878	4	0	4	1
Case 44	18	18,520,354	22,916,721	4	0	4	1
Case 44	18	22,918,008	23,490,176	3	0	3	1
Case 44	18	23,494,445	24,441,163	4	0	4	1
Case 44	18	24,442,210	24,591,905	3	0	3	1
Case 44	18	24,592,701	25,237,664	4	0	4	1
Case 44	18	25,238,114	26,166,575	3	0	3	1
Case 44	18	26,170,472	26,690,898	4	0	4	1
Case 44	18	26,711,308	27,009,556	3	0	3	1
Case 44	18	27,014,331	29,105,117	4	0	4	1
Case 44	18	29,108,706	29,178,618	3	0	3	1
Case 44	18	29,186,128	30,246,217	4	0	4	1
Case 44	18	30,249,433	31,319,905	0	0	0	0
Case 44	18	31,319,947	31,319,947	2	0	2	1
Case 44	18	31,320,069	31,325,175	1	0	1	0
Case 44	18	31,325,525	31,325,525	2	0	2	1
Case 44	18	31,326,012	31,718,525	0	0	0	0
Case 44	18	31,738,649	31,738,649	3	0	3	1
Case 44	18	31,748,225	32,815,683	4	0	4	1
Case 44	18	32,822,382	40,058,395	3	0	3	1
Case 44	18	40,058,882	40,482,403	4	0	4	1
Case 44	18	40,483,622	41,613,943	3	0	3	1
Case 44	18	41,626,891	41,904,325	4	0	4	1
Case 44	18	41,906,424	44,644,530	3	0	3	1
Case 44	18	44,656,675	44,799,515	4	0	4	1
Case 44	18	44,802,581	46,532,088	3	0	3	1
Case 44	18	46,539,469	47,008,746	4	0	4	1
Case 44	18	47,010,017	47,607,260	3	0	3	1
Case 44	18	47,614,050	48,157,253	4	0	4	1
Case 44	18	48,158,618	48,291,585	3	0	3	1
Case 44	18	48,297,005	48,928,763	4	0	4	1
Case 44	18	48,929,023	51,796,976	3	0	3	1
Case 44	18	51,800,403	52,758,295	4	0	4	1
Case 44	18	52,759,825	53,948,968	3	0	3	1
Case 44	18	53,950,927	54,693,531	4	0	4	1
Case 44	18	54,694,151	55,150,557	3	0	3	1
Case 44	18	55,152,454	55,968,567	4	0	4	1
Case 44	18	55,968,698	56,247,440	3	0	3	1
Case 44	18	56,247,551	56,723,196	4	0	4	1
Case 44	18	56,724,261	57,705,988	3	0	3	1
Case 44	18	57,707,051	64,235,710	4	0	4	1
Case 44	18	64,235,877	64,480,206	3	0	3	1
Case 44	18	64,486,484	64,958,808	4	0	4	1
Case 44	18	64,967,357	65,339,348	3	0	3	1
Case 44	18	65,340,378	70,472,285	4	0	4	1
Case 44	18	70,473,328	70,725,830	3	0	3	1
Case 44	18	70,734,708	70,916,012	4	0	4	1

Case 44	18	70,916,559	71,074,190	3	0	3	1
Case 44	18	71,075,349	71,330,683	4	0	4	1
Case 44	18	71,338,552	72,452,702	3	0	3	1
Case 44	18	72,454,793	72,731,138	4	0	4	1
Case 44	18	72,734,429	76,813,958	3	0	3	1
Case 44	18	76,817,189	77,138,172	4	0	4	1
Case 44	18	77,139,494	78,015,180	3	0	3	1
Case 44	19	260,912	288,109	3	0	3	1
Case 44	19	288,123	896,244	2	0	2	1
Case 44	19	896,499	1,008,504	3	0	3	1
Case 44	19	1,008,645	2,836,660	2	0	2	1
Case 44	19	2,843,533	2,933,747	3	0	3	1
Case 44	19	2,933,929	5,711,996	2	0	2	1
Case 44	19	5,713,169	5,751,661	3	0	3	1
Case 44	19	5,751,687	15,164,601	2	0	2	1
Case 44	19	15,164,749	15,203,866	3	0	3	1
Case 44	19	15,205,503	15,794,349	2	0	2	1
Case 44	19	15,794,352	15,807,212	3	0	3	1
Case 44	19	15,807,720	24,629,285	2	0	2	1
Case 44	19	27,732,159	27,801,814	2	0	2	1
Case 44	19	27,828,664	28,079,145	3	0	3	1
Case 44	19	28,095,812	28,379,160	2	0	2	1
Case 44	19	28,384,773	28,641,196	3	0	3	1
Case 44	19	28,643,967	28,822,169	4	0	4	1
Case 44	19	28,832,269	29,279,929	2	0	2	1
Case 44	19	29,283,045	30,432,298	4	0	4	1
Case 44	19	30,448,600	30,539,739	5	0	5	1
Case 44	19	30,546,184	30,882,535	4	0	4	1
Case 44	19	30,884,407	33,320,468	2	0	2	1
Case 44	19	33,321,213	33,615,122	3	0	3	1
Case 44	19	33,616,059	33,795,241	2	0	2	1
Case 44	19	33,806,024	33,878,347	3	0	3	1
Case 44	19	33,878,837	34,332,765	2	0	2	1
Case 44	19	34,333,501	34,375,631	3	0	3	1
Case 44	19	34,376,018	34,469,223	2	0	2	1
Case 44	19	34,469,289	34,766,588	3	0	3	1
Case 44	19	34,789,008	35,169,540	2	0	2	1
Case 44	19	35,173,793	35,302,088	3	0	3	1
Case 44	19	35,307,193	38,989,881	2	0	2	1
Case 44	19	38,989,882	39,087,776	3	0	3	1
Case 44	19	39,091,033	39,433,354	2	0	2	1
Case 44	19	39,433,355	39,584,399	3	0	3	1
Case 44	19	39,589,242	40,046,086	2	0	2	1
Case 44	19	40,046,863	40,225,646	3	0	3	1
Case 44	19	40,225,783	41,393,760	2	0	2	1
Case 44	19	41,403,325	41,703,660	3	0	3	1
Case 44	19	41,703,792	41,983,822	2	0	2	1
Case 44	19	41,985,587	42,342,987	3	0	3	1
Case 44	19	42,342,993	44,376,849	2	0	2	1
Case 44	19	44,377,048	44,413,463	3	0	3	1
Case 44	19	44,416,199	44,833,888	2	0	2	1
Case 44	19	44,834,011	45,015,212	3	0	3	1
Case 44	19	45,015,596	46,066,318	2	0	2	1
Case 44	19	46,070,854	46,180,184	3	0	3	1
Case 44	19	46,180,223	47,305,760	2	0	2	1
Case 44	19	47,308,666	47,511,992	3	0	3	1
Case 44	19	47,516,459	47,883,016	2	0	2	1
Case 44	19	47,883,105	47,970,406	3	0	3	1
Case 44	19	47,977,877	48,374,551	2	0	2	1
Case 44	19	48,374,734	48,609,818	3	0	3	1
Case 44	19	48,618,941	49,183,284	2	0	2	1

Case 44	19	49,184,380	49,206,462	0	0	0	0
Case 44	19	49,206,631	49,217,732	2	0	2	1
Case 44	19	49,224,107	49,344,548	3	0	3	1
Case 44	19	49,347,708	49,515,287	2	0	2	1
Case 44	19	49,517,213	49,643,537	3	0	3	1
Case 44	19	49,644,685	49,663,789	2	0	2	1
Case 44	19	49,667,351	50,309,974	2	2	4	0
Case 44	19	50,310,427	50,436,980	2	1	3	0
Case 44	19	50,439,719	51,797,119	2	2	4	0
Case 44	19	51,800,341	52,004,903	2	1	3	0
Case 44	19	52,005,669	52,666,323	2	2	4	0
Case 44	19	52,668,414	53,209,289	2	1	3	0
Case 44	19	53,209,712	54,373,081	2	2	4	0
Case 44	19	54,378,029	54,494,763	2	1	3	0
Case 44	19	54,495,932	54,597,029	2	2	4	0
Case 44	19	54,598,604	54,760,105	2	1	3	0
Case 44	19	54,760,189	54,921,227	2	2	4	0
Case 44	19	54,930,361	54,974,055	2	1	3	0
Case 44	19	54,974,084	55,081,592	2	2	4	0
Case 44	19	55,084,512	55,183,869	2	1	3	0
Case 44	19	55,183,977	55,810,567	2	2	4	0
Case 44	19	55,814,881	56,047,448	2	1	3	0
Case 44	19	56,047,475	56,130,705	2	2	4	0
Case 44	19	56,132,487	56,215,439	2	1	3	0
Case 44	19	56,219,377	56,671,392	2	2	4	0
Case 44	19	56,671,836	56,736,256	2	1	3	0
Case 44	19	56,736,269	57,279,391	2	2	4	0
Case 44	19	57,281,577	57,344,913	2	1	3	0
Case 44	19	57,359,432	57,641,508	2	2	4	0
Case 44	19	57,641,799	58,153,465	2	1	3	0
Case 44	19	58,153,533	58,772,917	2	2	4	0
Case 44	19	58,773,014	58,868,480	2	1	3	0
Case 44	19	58,868,830	59,097,160	2	2	4	0
Case 44	20	63,244	257,899	3	0	3	1
Case 44	20	258,001	602,622	2	0	2	1
Case 44	20	603,620	782,706	4	1	5	0
Case 44	20	783,864	791,745	5	1	6	0
Case 44	20	791,957	1,188,386	4	1	5	0
Case 44	20	1,189,334	1,364,521	5	1	6	0
Case 44	20	1,367,535	1,931,582	4	1	5	0
Case 44	20	1,934,468	1,941,488	6	1	7	0
Case 44	20	1,942,718	3,339,581	4	1	5	0
Case 44	20	3,346,954	3,673,557	5	1	6	0
Case 44	20	3,673,677	3,905,730	4	1	5	0
Case 44	20	3,911,270	5,896,996	5	1	6	0
Case 44	20	5,897,505	5,915,922	4	1	5	0
Case 44	20	5,916,200	5,966,578	6	1	7	0
Case 44	20	5,966,626	7,519,612	4	1	5	0
Case 44	20	7,533,180	7,700,108	5	1	6	0
Case 44	20	7,700,582	8,464,286	3	2	5	0
Case 44	20	8,469,881	13,873,821	4	1	5	0
Case 44	20	13,883,278	14,576,448	2	2	4	0
Case 44	20	14,579,703	14,847,907	2	0	2	1
Case 44	20	14,853,050	24,742,663	2	2	4	0
Case 44	20	24,745,478	24,994,664	2	1	3	0
Case 44	20	24,994,676	25,181,074	2	2	4	0
Case 44	20	25,184,466	25,657,276	2	1	3	0
Case 44	20	25,657,370	26,293,985	2	2	4	0
Case 44	20	29,425,357	33,441,257	2	2	4	0
Case 44	20	33,447,262	33,590,096	2	1	3	0
Case 44	20	33,590,417	33,864,484	2	2	4	0

Case 44	20	33,867,697	34,220,563	2	1	3	0
Case 44	20	34,220,740	36,839,297	2	2	4	0
Case 44	20	36,840,156	36,900,290	2	1	3	0
Case 44	20	36,911,367	44,521,044	2	2	4	0
Case 44	20	44,521,386	44,596,403	2	1	3	0
Case 44	20	44,596,938	45,771,708	2	2	4	0
Case 44	20	45,773,420	45,906,136	2	1	3	0
Case 44	20	45,920,070	46,545,161	3	1	4	0
Case 44	20	46,546,929	46,772,898	3	2	5	0
Case 44	20	46,773,023	47,394,788	3	1	4	0
Case 44	20	47,395,325	47,721,092	3	2	5	0
Case 44	20	47,731,767	48,231,141	3	1	4	0
Case 44	20	48,235,673	48,506,190	3	2	5	0
Case 44	20	48,519,224	48,929,329	3	1	4	0
Case 44	20	48,930,366	49,409,653	3	2	5	0
Case 44	20	49,410,892	50,426,860	3	1	4	0
Case 44	20	50,437,573	51,509,864	3	2	5	0
Case 44	20	51,514,621	51,522,918	3	0	3	1
Case 44	20	51,527,356	51,870,106	4	0	4	1
Case 44	20	51,870,151	51,917,248	3	0	3	1
Case 44	20	51,918,171	54,777,973	4	0	4	1
Case 44	20	54,780,376	55,420,654	3	0	3	1
Case 44	20	55,421,778	55,991,695	4	0	4	1
Case 44	20	55,991,823	56,782,876	3	1	4	0
Case 44	20	56,785,906	56,994,489	3	2	5	0
Case 44	20	56,994,740	58,416,428	3	1	4	0
Case 44	20	58,436,963	58,496,439	4	3	7	0
Case 44	20	58,500,453	58,500,453	3	0	3	1
Case 44	20	58,502,456	61,040,951	3	1	4	0
Case 44	20	61,041,906	61,826,524	3	2	5	0
Case 44	20	61,834,169	62,193,253	3	1	4	0
Case 44	20	62,193,445	62,221,249	3	2	5	0
Case 44	20	62,221,810	62,948,788	3	1	4	0
Case 44	21	10,827,533	10,971,337	2	0	2	1
Case 44	21	14,368,320	18,061,292	2	0	2	1
Case 44	21	18,064,333	18,457,828	3	0	3	1
Case 44	21	18,461,843	18,900,044	2	0	2	1
Case 44	21	18,901,969	18,971,107	3	0	3	1
Case 44	21	18,971,359	22,563,193	2	0	2	1
Case 44	21	22,572,304	24,944,202	2	1	3	0
Case 44	21	24,951,271	25,858,886	2	0	2	1
Case 44	21	25,865,342	35,782,033	2	1	3	0
Case 44	21	35,783,219	37,618,896	2	0	2	1
Case 44	21	37,619,820	37,818,305	3	0	3	1
Case 44	21	37,818,871	38,390,419	2	0	2	1
Case 44	21	38,390,425	40,157,281	2	1	3	0
Case 44	21	40,169,139	40,604,205	2	0	2	1
Case 44	21	40,619,757	40,819,685	3	0	3	1
Case 44	21	40,823,836	41,842,252	2	0	2	1
Case 44	21	41,844,939	41,986,158	3	0	3	1
Case 44	21	41,993,707	42,852,320	2	1	3	0
Case 44	21	42,852,497	43,060,084	3	1	4	0
Case 44	21	43,060,391	43,944,231	2	1	3	0
Case 44	21	43,950,304	44,071,939	3	0	3	1
Case 44	21	44,072,193	44,574,196	2	0	2	1
Case 44	21	44,574,541	44,829,087	3	0	3	1
Case 44	21	44,830,955	46,634,966	2	0	2	1
Case 44	21	46,636,844	46,687,542	3	0	3	1
Case 44	21	46,687,595	47,300,385	2	0	2	1
Case 44	21	47,303,177	48,100,155	2	1	3	0
Case 44	22	16,114,244	17,194,326	3	0	3	1

Case 44	22	17,195,268	17,721,595	2	0	2	1
Case 44	22	17,722,536	18,018,516	3	0	3	1
Case 44	22	18,020,330	18,073,856	2	0	2	1
Case 44	22	18,076,523	18,210,200	3	0	3	1
Case 44	22	18,210,242	18,566,288	2	0	2	1
Case 44	22	18,566,328	18,886,915	3	0	3	1
Case 44	22	18,889,490	25,886,661	2	0	2	1
Case 44	22	25,887,513	26,144,760	3	0	3	1
Case 44	22	26,146,429	27,855,335	2	0	2	1
Case 44	22	27,861,922	27,899,679	3	0	3	1
Case 44	22	27,899,801	28,497,820	2	0	2	1
Case 44	22	28,501,344	29,081,309	3	0	3	1
Case 44	22	29,087,041	30,418,123	2	0	2	1
Case 44	22	30,421,786	30,606,986	3	0	3	1
Case 44	22	30,610,546	31,843,478	2	0	2	1
Case 44	22	31,845,460	31,942,770	3	0	3	1
Case 44	22	31,942,872	36,109,415	2	0	2	1
Case 44	22	36,112,879	36,537,327	3	0	3	1
Case 44	22	36,537,432	36,894,069	2	0	2	1
Case 44	22	36,894,133	37,289,869	3	0	3	1
Case 44	22	37,293,567	38,864,287	2	0	2	1
Case 44	22	38,864,460	39,077,991	3	0	3	1
Case 44	22	39,078,021	40,195,017	2	0	2	1
Case 44	22	40,197,683	40,333,129	3	0	3	1
Case 44	22	40,334,927	41,075,733	2	0	2	1
Case 44	22	41,076,970	41,471,003	3	0	3	1
Case 44	22	41,487,218	42,514,190	2	0	2	1
Case 44	22	42,515,914	42,661,144	3	0	3	1
Case 44	22	42,665,117	44,031,042	2	0	2	1
Case 44	22	44,031,070	44,156,436	3	0	3	1
Case 44	22	44,159,605	45,459,791	2	0	2	1
Case 44	22	45,461,782	45,595,721	3	0	3	1
Case 44	22	45,596,249	45,691,554	2	0	2	1
Case 44	22	45,693,828	45,815,332	3	0	3	1
Case 44	22	45,816,269	45,865,055	2	0	2	1
Case 44	22	45,878,130	46,237,002	3	0	3	1
Case 44	22	46,238,069	47,000,246	2	0	2	1
Case 44	22	47,005,740	47,365,333	3	0	3	1
Case 44	22	47,367,112	49,847,719	2	0	2	1
Case 44	22	49,849,024	50,278,031	3	0	3	1
Case 44	22	50,278,325	50,472,042	2	0	2	1
Case 44	22	50,474,943	50,599,466	3	0	3	1
Case 44	22	50,599,472	50,724,504	2	0	2	1
Case 44	22	50,724,648	50,868,013	3	0	3	1
Case 44	22	50,868,925	51,195,728	2	0	2	1
Case 45	1	82,154	3,754,043	2	0	2	1
Case 45	1	3,754,596	6,157,383	2	1	3	0
Case 45	1	6,158,562	6,638,995	2	0	2	1
Case 45	1	6,639,073	15,772,212	2	1	3	0
Case 45	1	15,772,933	17,297,252	2	0	2	1
Case 45	1	17,297,583	17,548,940	2	1	3	0
Case 45	1	17,548,945	17,649,796	2	0	2	1
Case 45	1	17,655,407	20,986,078	2	1	3	0
Case 45	1	20,986,557	22,477,493	2	0	2	1
Case 45	1	22,479,193	26,648,530	2	1	3	0
Case 45	1	26,648,684	29,609,232	2	0	2	1
Case 45	1	29,609,327	35,379,119	2	1	3	0
Case 45	1	35,379,493	35,881,138	2	0	2	1
Case 45	1	35,882,659	62,896,419	2	1	3	0
Case 45	1	62,898,142	63,336,271	2	0	2	1
Case 45	1	63,346,976	69,612,469	2	1	3	0

Case 45	1	69,619,701	70,207,079	2	0	2	1
Case 45	1	70,207,668	72,104,447	2	1	3	0
Case 45	1	72,108,798	74,716,413	2	0	2	1
Case 45	1	74,716,443	77,895,705	2	1	3	0
Case 45	1	77,896,080	78,558,419	2	0	2	1
Case 45	1	78,562,989	79,380,466	2	1	3	0
Case 45	1	79,382,009	81,207,701	2	0	2	1
Case 45	1	81,208,897	86,175,554	2	1	3	0
Case 45	1	86,195,047	86,564,339	2	0	2	1
Case 45	1	86,565,367	92,442,695	2	1	3	0
Case 45	1	92,442,802	94,400,045	2	0	2	1
Case 45	1	94,417,219	97,685,992	2	1	3	0
Case 45	1	97,686,036	98,579,211	2	0	2	1
Case 45	1	98,580,341	98,812,484	2	1	3	0
Case 45	1	98,814,626	99,911,058	2	0	2	1
Case 45	1	99,913,450	100,154,778	2	1	3	0
Case 45	1	100,155,012	100,624,886	2	0	2	1
Case 45	1	100,624,961	102,349,186	2	1	3	0
Case 45	1	102,350,747	105,429,577	2	0	2	1
Case 45	1	105,439,368	111,202,768	2	1	3	0
Case 45	1	111,204,185	111,671,707	2	0	2	1
Case 45	1	111,682,118	121,346,616	2	1	3	0
Case 45	1	142,649,718	145,576,091	2	1	3	0
Case 45	1	145,578,279	147,726,495	3	1	4	0
Case 45	1	147,729,232	147,763,232	1	1	2	0
Case 45	1	147,766,567	161,479,745	2	1	3	0
Case 45	1	161,492,587	164,835,340	3	1	4	0
Case 45	1	164,835,685	164,862,578	1	1	2	0
Case 45	1	164,864,196	168,341,479	2	1	3	0
Case 45	1	168,341,835	169,576,207	3	1	4	0
Case 45	1	169,576,333	177,710,595	2	1	3	0
Case 45	1	177,710,610	180,535,972	3	1	4	0
Case 45	1	180,536,954	180,536,954	1	1	2	0
Case 45	1	180,540,896	180,540,896	2	1	3	0
Case 45	1	180,541,363	180,541,363	1	1	2	0
Case 45	1	180,546,296	240,776,222	2	1	3	0
Case 45	1	240,778,731	240,783,716	2	0	2	1
Case 45	1	240,786,782	241,183,893	1	0	1	0
Case 45	1	241,185,048	249,218,992	2	1	3	0
Case 45	2	18,674	40,070,224	2	1	3	0
Case 45	2	40,072,561	43,371,542	3	1	4	0
Case 45	2	43,386,134	44,531,412	2	1	3	0
Case 45	2	44,532,326	46,211,658	3	1	4	0
Case 45	2	46,217,331	65,000,458	2	1	3	0
Case 45	2	65,004,346	77,351,450	3	0	3	1
Case 45	2	77,360,561	79,101,215	2	0	2	1
Case 45	2	79,104,576	79,478,988	2	1	3	0
Case 45	2	79,481,038	92,081,640	3	0	3	1
Case 45	2	95,429,424	131,484,635	3	0	3	1
Case 45	2	131,486,169	133,074,638	2	0	2	1
Case 45	2	133,086,909	140,580,413	3	0	3	1
Case 45	2	140,580,795	141,336,597	2	0	2	1
Case 45	2	141,338,918	152,271,907	3	0	3	1
Case 45	2	152,273,140	152,369,315	1	1	2	0
Case 45	2	152,369,326	207,335,853	3	0	3	1
Case 45	2	207,337,780	207,686,299	1	1	2	0
Case 45	2	207,689,161	238,641,521	3	0	3	1
Case 45	2	238,642,460	239,170,438	2	0	2	1
Case 45	2	239,172,863	240,954,110	3	0	3	1
Case 45	2	240,954,203	243,048,760	2	0	2	1
Case 45	3	61,495	1,154,559	1	1	2	0

Case 45	3	1,155,102	1,289,346	3	0	3	1
Case 45	3	1,289,452	9,867,625	2	1	3	0
Case 45	3	9,867,629	10,103,878	2	0	2	1
Case 45	3	10,105,568	20,552,462	2	1	3	0
Case 45	3	20,554,738	23,097,075	3	0	3	1
Case 45	3	23,107,083	23,784,303	1	1	2	0
Case 45	3	23,785,060	25,648,736	2	1	3	0
Case 45	3	25,648,865	30,032,530	1	1	2	0
Case 45	3	30,032,626	32,358,003	2	1	3	0
Case 45	3	32,358,666	32,799,706	1	1	2	0
Case 45	3	32,800,957	33,468,329	2	1	3	0
Case 45	3	33,483,744	38,047,680	1	1	2	0
Case 45	3	38,047,954	38,354,498	2	1	3	0
Case 45	3	38,355,244	38,781,116	1	1	2	0
Case 45	3	38,782,026	41,609,986	2	1	3	0
Case 45	3	41,611,228	42,484,782	1	1	2	0
Case 45	3	42,484,827	57,723,143	1	0	1	0
Case 45	3	57,724,602	59,796,869	2	1	3	0
Case 45	3	59,802,813	59,926,256	2	0	2	1
Case 45	3	59,927,727	60,065,257	0	0	0	0
Case 45	3	60,066,360	60,434,122	2	0	2	1
Case 45	3	60,434,444	60,571,772	1	0	1	0
Case 45	3	60,572,073	60,880,607	1	1	2	0
Case 45	3	60,888,974	67,527,259	2	1	3	0
Case 45	3	67,531,388	70,438,588	1	1	2	0
Case 45	3	70,442,904	72,400,695	2	1	3	0
Case 45	3	72,403,467	73,131,351	1	1	2	0
Case 45	3	73,137,972	74,080,776	2	1	3	0
Case 45	3	74,081,555	80,261,661	1	1	2	0
Case 45	3	80,264,806	82,127,705	2	1	3	0
Case 45	3	82,145,477	89,270,605	1	1	2	0
Case 45	3	89,270,738	90,442,925	2	1	3	0
Case 45	3	93,537,290	155,241,740	2	1	3	0
Case 45	3	155,241,900	160,562,018	2	0	2	1
Case 45	3	160,570,195	175,094,357	2	1	3	0
Case 45	3	175,096,546	175,329,367	1	1	2	0
Case 45	3	175,334,302	197,838,262	2	1	3	0
Case 45	4	71,566	86,089	1	1	2	0
Case 45	4	86,137	502,911	1	0	1	0
Case 45	4	504,012	949,214	1	1	2	0
Case 45	4	949,223	985,310	1	0	1	0
Case 45	4	985,418	1,389,557	1	1	2	0
Case 45	4	1,389,588	2,329,295	1	0	1	0
Case 45	4	2,332,705	49,620,898	1	1	2	0
Case 45	4	52,697,856	52,938,243	1	1	2	0
Case 45	4	52,938,265	60,129,838	2	1	3	0
Case 45	4	60,143,686	61,836,190	2	0	2	1
Case 45	4	61,837,133	63,458,896	2	1	3	0
Case 45	4	63,467,034	66,079,826	2	0	2	1
Case 45	4	66,083,947	68,472,604	2	1	3	0
Case 45	4	68,480,525	71,362,025	2	0	2	1
Case 45	4	71,362,151	85,566,809	2	1	3	0
Case 45	4	85,569,724	85,859,997	1	1	2	0
Case 45	4	85,872,414	86,000,455	2	0	2	1
Case 45	4	86,005,206	91,164,874	2	1	3	0
Case 45	4	91,165,346	93,873,811	2	0	2	1
Case 45	4	93,875,521	94,799,694	2	1	3	0
Case 45	4	94,802,707	95,545,821	1	1	2	0
Case 45	4	95,555,833	106,887,163	2	1	3	0
Case 45	4	106,888,263	107,318,580	1	1	2	0
Case 45	4	107,329,974	113,454,932	2	1	3	0

Case 45	4	113,459,405	114,078,812	1	1	2	0
Case 45	4	114,078,931	115,681,827	2	1	3	0
Case 45	4	115,688,354	117,298,571	2	0	2	1
Case 45	4	117,300,599	118,003,302	2	1	3	0
Case 45	4	118,005,474	118,722,199	2	0	2	1
Case 45	4	118,722,751	122,734,423	2	1	3	0
Case 45	4	122,734,475	123,663,259	2	0	2	1
Case 45	4	123,663,391	127,030,561	2	1	3	0
Case 45	4	127,037,075	129,218,126	2	0	2	1
Case 45	4	129,221,901	131,101,141	2	1	3	0
Case 45	4	131,103,736	132,242,896	1	1	2	0
Case 45	4	132,252,355	133,289,007	2	0	2	1
Case 45	4	133,331,707	133,504,375	0	0	0	0
Case 45	4	133,508,013	134,154,732	2	1	3	0
Case 45	4	134,164,619	138,168,682	2	0	2	1
Case 45	4	138,171,595	145,226,422	2	1	3	0
Case 45	4	145,227,600	184,441,917	2	0	2	1
Case 45	4	184,447,081	185,009,856	1	0	1	0
Case 45	4	185,012,398	185,023,528	1	1	2	0
Case 45	4	185,023,826	189,189,273	2	0	2	1
Case 45	4	189,194,661	189,584,353	1	0	1	0
Case 45	4	189,584,904	190,963,766	2	0	2	1
Case 45	5	38,139	19,158,050	2	0	2	1
Case 45	5	19,160,015	19,678,764	2	1	3	0
Case 45	5	19,679,108	31,340,231	2	0	2	1
Case 45	5	31,343,671	31,900,372	2	1	3	0
Case 45	5	31,900,521	32,790,535	2	0	2	1
Case 45	5	32,790,835	35,965,745	2	1	3	0
Case 45	5	35,965,970	37,515,348	2	0	2	1
Case 45	5	37,531,747	38,778,514	2	1	3	0
Case 45	5	38,780,436	40,411,291	2	0	2	1
Case 45	5	40,414,436	42,719,092	2	1	3	0
Case 45	5	42,719,239	43,394,778	2	0	2	1
Case 45	5	43,401,980	45,840,303	2	1	3	0
Case 45	5	45,841,630	46,399,093	2	0	2	1
Case 45	5	49,457,282	61,437,645	2	0	2	1
Case 45	5	61,438,771	61,867,920	1	0	1	0
Case 45	5	61,876,773	84,248,966	2	0	2	1
Case 45	5	84,263,712	87,498,849	1	0	1	0
Case 45	5	87,502,292	89,640,426	2	0	2	1
Case 45	5	89,642,239	90,172,331	1	0	1	0
Case 45	5	90,180,120	99,146,425	2	0	2	1
Case 45	5	99,146,588	102,936,432	1	0	1	0
Case 45	5	102,937,084	103,450,242	2	0	2	1
Case 45	5	103,450,790	105,804,683	1	0	1	0
Case 45	5	105,805,717	108,041,607	2	0	2	1
Case 45	5	108,045,837	110,481,203	1	0	1	0
Case 45	5	110,482,490	112,848,767	2	0	2	1
Case 45	5	112,849,608	112,989,901	1	0	1	0
Case 45	5	112,990,207	116,264,097	2	0	2	1
Case 45	5	116,265,087	117,005,977	1	0	1	0
Case 45	5	117,006,071	118,180,935	2	0	2	1
Case 45	5	118,183,823	118,582,779	1	0	1	0
Case 45	5	118,583,487	119,413,813	2	0	2	1
Case 45	5	119,434,193	120,020,074	1	0	1	0
Case 45	5	120,021,817	139,931,384	2	0	2	1
Case 45	5	139,931,607	139,931,655	0	0	0	0
Case 45	5	139,931,656	168,182,992	2	0	2	1
Case 45	5	168,183,736	168,653,502	3	0	3	1
Case 45	5	168,653,516	180,693,127	2	0	2	1
Case 45	6	108,666	1,558,640	3	0	3	1



Case 45	6	1,560,002	1,641,007	2	0	2	1
Case 45	6	1,647,508	2,048,584	1	0	1	0
Case 45	6	2,052,811	2,059,110	1	1	2	0
Case 45	6	2,062,447	3,942,134	3	0	3	1
Case 45	6	3,944,424	5,100,903	2	0	2	1
Case 45	6	5,101,520	6,854,396	3	0	3	1
Case 45	6	6,855,722	10,982,652	2	0	2	1
Case 45	6	10,982,848	17,547,788	3	0	3	1
Case 45	6	17,550,158	19,945,505	2	0	2	1
Case 45	6	19,946,730	22,207,494	3	0	3	1
Case 45	6	22,207,573	25,292,401	2	0	2	1
Case 45	6	25,296,606	25,740,502	3	0	3	1
Case 45	6	25,745,742	29,940,750	2	0	2	1
Case 45	6	29,941,943	30,140,540	3	0	3	1
Case 45	6	30,140,913	32,609,150	2	0	2	1
Case 45	6	32,609,323	32,828,694	3	0	3	1
Case 45	6	32,829,276	33,026,110	2	0	2	1
Case 45	6	33,026,246	33,061,871	3	0	3	1
Case 45	6	33,061,930	36,939,213	2	0	2	1
Case 45	6	36,942,746	38,318,721	3	0	3	1
Case 45	6	38,320,943	38,505,602	2	0	2	1
Case 45	6	38,508,509	42,486,688	4	0	4	1
Case 45	6	42,495,278	58,333,290	3	0	3	1
Case 45	6	58,344,955	58,752,089	2	0	2	1
Case 45	6	61,891,118	90,629,110	2	0	2	1
Case 45	6	90,631,132	92,208,995	2	1	3	0
Case 45	6	92,210,391	105,991,031	2	0	2	1
Case 45	6	105,991,917	106,613,091	2	1	3	0
Case 45	6	106,616,379	107,870,546	2	0	2	1
Case 45	6	107,878,826	108,131,849	2	1	3	0
Case 45	6	108,139,570	111,955,435	2	0	2	1
Case 45	6	111,964,747	112,370,218	2	1	3	0
Case 45	6	112,374,944	123,955,967	2	0	2	1
Case 45	6	123,958,493	124,890,704	1	1	2	0
Case 45	6	124,894,966	138,723,962	2	0	2	1
Case 45	6	138,726,183	139,110,345	2	1	3	0
Case 45	6	139,113,926	151,152,250	2	0	2	1
Case 45	6	151,152,257	151,773,504	2	1	3	0
Case 45	6	151,774,339	152,576,731	2	0	2	1
Case 45	6	152,576,758	154,221,214	1	1	2	0
Case 45	6	154,237,443	166,030,770	2	0	2	1
Case 45	6	166,031,534	166,455,916	2	1	3	0
Case 45	6	166,465,095	167,492,552	2	0	2	1
Case 45	6	167,500,562	170,235,482	1	1	2	0
Case 45	6	170,239,266	170,980,171	2	0	2	1
Case 45	7	44,935	2,969,680	1	1	2	0
Case 45	7	2,969,689	3,434,275	2	1	3	0
Case 45	7	3,445,311	3,459,998	5	0	5	1
Case 45	7	3,472,629	3,618,143	1	1	2	0
Case 45	7	3,624,238	4,213,975	2	1	3	0
Case 45	7	4,214,725	5,721,448	1	1	2	0
Case 45	7	5,726,022	6,485,586	2	1	3	0
Case 45	7	6,485,619	7,252,775	1	1	2	0
Case 45	7	7,254,279	9,006,896	2	1	3	0
Case 45	7	9,009,137	9,197,737	1	1	2	0
Case 45	7	9,199,121	10,220,549	2	1	3	0
Case 45	7	10,222,003	11,277,857	1	1	2	0
Case 45	7	11,279,164	11,860,937	2	1	3	0
Case 45	7	11,871,406	12,406,826	1	1	2	0
Case 45	7	12,406,989	13,395,594	2	1	3	0
Case 45	7	13,415,675	14,703,526	1	1	2	0

Case 45	7	14,703,893	55,388,586	2	1	3	0
Case 45	7	55,390,990	58,019,061	1	1	2	0
Case 45	7	61,056,053	65,202,326	1	1	2	0
Case 45	7	65,203,587	70,249,868	2	1	3	0
Case 45	7	70,251,651	75,437,107	1	1	2	0
Case 45	7	75,437,685	75,667,569	2	0	2	1
Case 45	7	75,685,593	78,630,180	2	1	3	0
Case 45	7	78,632,489	80,303,762	1	1	2	0
Case 45	7	80,304,072	81,070,971	2	1	3	0
Case 45	7	81,071,123	81,926,808	1	1	2	0
Case 45	7	81,942,310	83,424,108	2	1	3	0
Case 45	7	83,426,836	86,554,937	1	1	2	0
Case 45	7	86,554,948	87,259,385	2	1	3	0
Case 45	7	87,260,146	89,387,626	3	0	3	1
Case 45	7	89,392,021	90,726,315	2	1	3	0
Case 45	7	90,739,777	91,851,333	1	1	2	0
Case 45	7	91,855,043	93,883,599	3	0	3	1
Case 45	7	93,889,721	97,734,248	2	1	3	0
Case 45	7	97,739,317	100,211,556	5	0	5	1
Case 45	7	100,212,254	149,486,256	1	1	2	0
Case 45	7	149,486,333	149,529,970	1	0	1	0
Case 45	7	149,530,894	159,119,486	1	1	2	0
Case 45	8	164,984	642,842	1	1	2	0
Case 45	8	644,824	43,066,939	2	1	3	0
Case 45	8	43,086,928	43,791,691	1	1	2	0
Case 45	8	46,886,735	49,252,862	1	1	2	0
Case 45	8	49,253,060	75,483,809	2	1	3	0
Case 45	8	75,485,868	84,671,732	3	1	4	0
Case 45	8	84,680,146	91,267,588	1	1	2	0
Case 45	8	91,283,363	92,402,207	2	1	3	0
Case 45	8	92,406,021	94,828,642	1	1	2	0
Case 45	8	94,830,459	97,488,249	2	1	3	0
Case 45	8	97,489,329	100,861,110	1	1	2	0
Case 45	8	100,861,113	126,441,311	2	1	3	0
Case 45	8	126,443,478	126,444,788	2	2	4	0
Case 45	8	126,445,537	126,447,308	2	0	2	1
Case 45	8	126,448,393	129,047,325	2	2	4	0
Case 45	8	129,050,119	129,050,794	3	0	3	1
Case 45	8	129,057,112	144,449,192	2	1	3	0
Case 45	8	144,457,793	146,293,414	1	1	2	0
Case 45	9	46,587	9,459,099	1	1	2	0
Case 45	9	9,461,717	9,912,827	1	0	1	0
Case 45	9	9,913,373	10,479,902	1	1	2	0
Case 45	9	10,480,030	11,609,469	1	0	1	0
Case 45	9	11,609,873	17,117,875	1	1	2	0
Case 45	9	17,118,007	17,618,048	1	0	1	0
Case 45	9	17,621,918	21,811,027	1	1	2	0
Case 45	9	21,812,720	23,354,494	1	0	1	0
Case 45	9	23,358,448	24,502,737	1	1	2	0
Case 45	9	24,505,123	25,535,835	1	0	1	0
Case 45	9	25,535,924	26,884,877	1	1	2	0
Case 45	9	26,886,137	27,074,233	1	0	1	0
Case 45	9	27,081,879	29,291,279	1	1	2	0
Case 45	9	29,296,753	31,021,219	1	0	1	0
Case 45	9	31,021,567	46,944,322	1	1	2	0
Case 45	9	65,629,772	76,189,863	1	1	2	0
Case 45	9	76,191,829	76,334,135	1	0	1	0
Case 45	9	76,343,174	79,548,154	1	1	2	0
Case 45	9	79,550,279	80,010,025	1	0	1	0
Case 45	9	80,014,376	99,489,682	1	1	2	0
Case 45	9	99,492,593	99,798,864	1	0	1	0

Case 45	9	99,798,927	109,446,277	1	1	2	0
Case 45	9	109,459,475	109,857,771	2	1	3	0
Case 45	9	109,862,984	113,371,069	1	1	2	0
Case 45	9	113,372,027	113,686,353	2	0	2	1
Case 45	9	113,690,028	115,815,398	1	1	2	0
Case 45	9	115,817,156	115,821,485	2	1	3	0
Case 45	9	115,852,715	115,885,060	5	0	5	1
Case 45	9	115,893,229	116,978,430	1	1	2	0
Case 45	9	116,979,172	117,278,844	2	0	2	1
Case 45	9	117,282,390	127,572,128	1	1	2	0
Case 45	9	127,572,229	128,641,097	2	0	2	1
Case 45	9	128,643,415	132,082,564	1	1	2	0
Case 45	9	132,084,144	132,549,493	2	0	2	1
Case 45	9	132,549,740	135,365,590	1	1	2	0
Case 45	9	135,371,169	137,762,857	2	0	2	1
Case 45	9	137,764,457	139,077,343	1	1	2	0
Case 45	9	139,082,796	139,295,091	1	0	1	0
Case 45	9	139,295,282	139,483,954	1	1	2	0
Case 45	9	139,487,092	139,756,883	1	0	1	0
Case 45	9	139,757,327	140,006,432	2	0	2	1
Case 45	9	140,006,491	140,376,668	1	0	1	0
Case 45	9	140,379,078	141,066,491	2	0	2	1
Case 45	10	98,087	5,286,162	1	1	2	0
Case 45	10	5,286,600	6,511,386	2	1	3	0
Case 45	10	6,512,559	13,841,470	1	1	2	0
Case 45	10	13,843,530	14,183,105	2	1	3	0
Case 45	10	14,183,371	26,580,926	1	1	2	0
Case 45	10	26,581,855	31,124,111	2	0	2	1
Case 45	10	31,125,508	32,483,340	1	1	2	0
Case 45	10	32,487,433	38,121,693	3	0	3	1
Case 45	10	38,122,021	39,097,912	2	0	2	1
Case 45	10	42,436,301	44,196,014	2	0	2	1
Case 45	10	44,196,101	55,825,382	2	1	3	0
Case 45	10	55,825,695	59,719,339	2	0	2	1
Case 45	10	59,724,388	76,855,505	2	1	3	0
Case 45	10	76,855,542	77,710,913	2	0	2	1
Case 45	10	77,719,862	84,099,660	2	1	3	0
Case 45	10	84,100,509	85,191,870	1	1	2	0
Case 45	10	85,193,946	85,409,604	2	0	2	1
Case 45	10	85,419,023	88,259,792	2	1	3	0
Case 45	10	88,259,835	89,755,075	1	1	2	0
Case 45	10	89,756,206	91,465,118	2	1	3	0
Case 45	10	91,465,167	92,303,944	1	1	2	0
Case 45	10	92,304,910	93,565,641	2	1	3	0
Case 45	10	93,572,811	94,868,454	1	1	2	0
Case 45	10	94,868,976	95,352,983	2	1	3	0
Case 45	10	95,353,604	96,961,777	1	1	2	0
Case 45	10	96,965,662	97,375,268	2	1	3	0
Case 45	10	97,376,235	97,987,254	1	1	2	0
Case 45	10	97,987,265	98,416,614	2	1	3	0
Case 45	10	98,417,930	100,713,090	1	1	2	0
Case 45	10	100,716,236	101,458,358	2	1	3	0
Case 45	10	101,459,040	105,349,923	1	1	2	0
Case 45	10	105,349,988	105,651,940	2	1	3	0
Case 45	10	105,651,955	106,492,420	1	1	2	0
Case 45	10	106,498,526	107,022,160	2	1	3	0
Case 45	10	107,022,174	111,992,222	1	1	2	0
Case 45	10	112,001,009	116,595,381	2	1	3	0
Case 45	10	116,596,071	118,357,676	1	1	2	0
Case 45	10	118,357,677	118,653,607	2	1	3	0
Case 45	10	118,661,316	121,742,431	1	1	2	0

Case 45	10	121,748,543	124,536,352	2	1	3	0
Case 45	10	124,539,105	124,866,244	2	0	2	1
Case 45	10	124,866,446	125,487,915	2	1	3	0
Case 45	10	125,491,860	126,711,107	1	1	2	0
Case 45	10	126,711,633	126,981,173	2	1	3	0
Case 45	10	126,995,050	127,630,671	1	1	2	0
Case 45	10	127,640,999	129,349,788	2	1	3	0
Case 45	10	129,349,833	130,349,382	1	1	2	0
Case 45	10	130,353,231	132,329,272	2	1	3	0
Case 45	10	132,333,323	133,162,862	1	1	2	0
Case 45	10	133,165,646	133,578,066	2	1	3	0
Case 45	10	133,579,416	135,202,518	2	0	2	1
Case 45	10	135,202,533	135,477,883	2	1	3	0
Case 45	11	193,146	4,592,752	1	1	2	0
Case 45	11	4,592,780	4,680,467	2	1	3	0
Case 45	11	4,682,264	5,510,165	1	1	2	0
Case 45	11	5,510,284	5,712,260	2	1	3	0
Case 45	11	5,713,658	6,220,713	1	1	2	0
Case 45	11	6,220,820	6,851,427	2	1	3	0
Case 45	11	6,854,547	12,776,467	1	1	2	0
Case 45	11	12,778,769	20,196,522	2	1	3	0
Case 45	11	20,199,278	20,636,411	2	0	2	1
Case 45	11	20,638,059	23,226,964	2	1	3	0
Case 45	11	23,232,884	26,018,501	2	0	2	1
Case 45	11	26,027,163	30,832,105	2	1	3	0
Case 45	11	30,833,226	34,621,004	2	0	2	1
Case 45	11	34,622,955	34,981,990	2	1	3	0
Case 45	11	34,982,013	36,540,730	5	0	5	1
Case 45	11	36,559,278	36,951,734	4	0	4	1
Case 45	11	36,952,592	37,194,294	3	0	3	1
Case 45	11	37,200,795	42,941,438	2	0	2	1
Case 45	11	42,942,016	42,973,253	2	1	3	0
Case 45	11	42,977,439	46,637,543	3	0	3	1
Case 45	11	46,638,415	48,331,739	2	1	3	0
Case 45	11	48,333,360	51,591,253	2	0	2	1
Case 45	11	54,794,237	55,427,700	2	0	2	1
Case 45	11	55,431,897	56,180,753	1	1	2	0
Case 45	11	56,184,811	56,542,928	2	1	3	0
Case 45	11	56,544,017	58,803,621	1	1	2	0
Case 45	11	58,807,241	59,629,992	2	1	3	0
Case 45	11	59,630,097	86,119,307	1	1	2	0
Case 45	11	86,119,396	86,604,406	2	1	3	0
Case 45	11	86,610,223	91,817,016	1	1	2	0
Case 45	11	91,820,234	92,714,595	2	1	3	0
Case 45	11	92,714,749	134,934,063	1	1	2	0
Case 45	12	191,619	2,560,116	2	1	3	0
Case 45	12	2,562,541	3,315,433	1	1	2	0
Case 45	12	3,321,967	3,839,965	2	1	3	0
Case 45	12	3,840,421	4,553,361	1	1	2	0
Case 45	12	4,553,383	7,586,119	2	1	3	0
Case 45	12	7,586,260	8,896,003	1	1	2	0
Case 45	12	8,902,470	9,098,149	2	1	3	0
Case 45	12	9,099,533	10,251,385	1	1	2	0
Case 45	12	10,251,445	10,402,829	2	1	3	0
Case 45	12	10,403,650	11,174,397	1	1	2	0
Case 45	12	11,174,498	16,516,994	2	1	3	0
Case 45	12	16,517,110	19,689,884	1	1	2	0
Case 45	12	19,692,403	19,987,369	2	1	3	0
Case 45	12	19,990,847	25,985,662	3	1	4	0
Case 45	12	25,986,397	25,990,079	1	1	2	0
Case 45	12	25,991,455	30,237,954	2	1	3	0

Case 45	12	30,241,143	31,006,982	1	1	2	0
Case 45	12	31,007,046	31,296,219	2	1	3	0
Case 45	12	31,310,983	32,322,171	1	1	2	0
Case 45	12	32,323,357	33,510,302	2	1	3	0
Case 45	12	33,510,325	34,853,011	1	1	2	0
Case 45	12	37,876,400	41,587,983	1	1	2	0
Case 45	12	41,589,330	42,227,928	2	1	3	0
Case 45	12	42,232,335	43,064,657	1	1	2	0
Case 45	12	43,066,023	43,628,705	2	1	3	0
Case 45	12	43,629,838	44,176,863	1	1	2	0
Case 45	12	44,177,508	63,040,272	2	1	3	0
Case 45	12	63,040,610	63,044,181	2	2	4	0
Case 45	12	63,047,232	63,047,232	2	0	2	1
Case 45	12	63,048,066	68,495,027	2	2	4	0
Case 45	12	68,496,077	68,592,860	3	0	3	1
Case 45	12	68,593,207	73,231,379	2	1	3	0
Case 45	12	73,243,456	75,875,623	1	1	2	0
Case 45	12	75,875,683	76,352,699	2	1	3	0
Case 45	12	76,353,333	77,313,694	1	1	2	0
Case 45	12	77,314,054	78,844,480	2	1	3	0
Case 45	12	78,845,774	88,582,702	1	1	2	0
Case 45	12	88,584,312	90,084,686	2	1	3	0
Case 45	12	90,089,881	92,430,585	1	1	2	0
Case 45	12	92,443,257	93,125,065	2	1	3	0
Case 45	12	93,128,881	95,695,260	1	1	2	0
Case 45	12	95,695,804	96,409,429	2	1	3	0
Case 45	12	96,412,663	98,360,455	1	1	2	0
Case 45	12	98,362,486	99,640,557	2	1	3	0
Case 45	12	99,643,543	101,017,496	1	1	2	0
Case 45	12	101,017,586	102,182,181	2	1	3	0
Case 45	12	102,182,354	103,063,548	1	1	2	0
Case 45	12	103,071,086	106,929,121	2	1	3	0
Case 45	12	106,930,117	112,589,679	1	1	2	0
Case 45	12	112,590,254	117,820,208	2	1	3	0
Case 45	12	117,822,187	118,504,457	1	1	2	0
Case 45	12	118,506,188	120,150,196	2	1	3	0
Case 45	12	120,151,405	123,934,070	1	1	2	0
Case 45	12	123,950,117	124,413,089	2	1	3	0
Case 45	12	124,413,109	133,810,935	1	1	2	0
Case 45	13	19,058,717	19,147,562	1	1	2	0
Case 45	13	19,198,770	20,641,076	1	0	1	0
Case 45	13	20,645,490	21,146,232	2	0	2	1
Case 45	13	21,148,610	21,483,113	1	0	1	0
Case 45	13	21,483,892	23,338,254	2	0	2	1
Case 45	13	23,338,363	23,483,716	1	0	1	0
Case 45	13	23,496,997	25,919,996	2	0	2	1
Case 45	13	25,933,438	32,893,271	3	0	3	1
Case 45	13	32,893,321	33,521,094	2	0	2	1
Case 45	13	33,521,878	37,574,714	3	0	3	1
Case 45	13	37,580,090	39,263,609	2	0	2	1
Case 45	13	39,263,614	39,786,449	3	0	3	1
Case 45	13	39,790,660	40,566,699	2	0	2	1
Case 45	13	40,569,328	48,849,803	2	2	4	0
Case 45	13	48,858,347	49,438,945	3	0	3	1
Case 45	13	49,438,988	53,447,952	2	1	3	0
Case 45	13	53,453,283	54,073,784	3	0	3	1
Case 45	13	54,094,733	55,345,049	2	0	2	1
Case 45	13	55,350,946	56,925,225	2	2	4	0
Case 45	13	56,932,778	63,237,821	3	0	3	1
Case 45	13	63,242,341	63,306,408	2	0	2	1
Case 45	13	63,309,208	63,629,157	0	0	0	0

Case 45	13	63,638,329	63,735,240	2	1	3	0
Case 45	13	63,739,209	64,890,976	3	0	3	1
Case 45	13	64,902,490	65,230,635	2	0	2	1
Case 45	13	65,234,678	66,201,577	4	0	4	1
Case 45	13	66,201,817	72,712,489	3	0	3	1
Case 45	13	72,714,839	72,760,162	2	0	2	1
Case 45	13	72,763,078	73,104,490	4	0	4	1
Case 45	13	73,108,279	73,631,873	3	0	3	1
Case 45	13	73,633,073	73,636,581	2	0	2	1
Case 45	13	73,636,590	74,433,807	4	0	4	1
Case 45	13	74,434,331	85,445,776	3	0	3	1
Case 45	13	85,455,473	85,925,245	2	0	2	1
Case 45	13	85,925,549	86,395,541	3	0	3	1
Case 45	13	86,403,470	90,233,991	2	0	2	1
Case 45	13	90,234,944	90,808,818	3	0	3	1
Case 45	13	90,809,966	115,103,529	2	0	2	1
Case 45	14	19,280,733	19,964,076	2	1	3	0
Case 45	14	20,213,937	20,426,742	5	0	5	1
Case 45	14	20,432,664	20,665,538	2	0	2	1
Case 45	14	20,665,556	22,338,141	2	1	3	0
Case 45	14	22,338,459	23,001,848	3	1	4	0
Case 45	14	23,002,684	23,011,465	1	1	2	0
Case 45	14	23,012,544	24,117,611	2	1	3	0
Case 45	14	24,119,861	24,302,673	2	0	2	1
Case 45	14	24,305,559	26,211,789	2	1	3	0
Case 45	14	26,218,549	32,389,856	2	0	2	1
Case 45	14	32,390,458	33,379,685	2	1	3	0
Case 45	14	33,380,805	33,913,395	2	0	2	1
Case 45	14	33,913,544	34,618,330	2	1	3	0
Case 45	14	34,618,856	34,697,855	3	0	3	1
Case 45	14	34,698,192	39,982,933	2	0	2	1
Case 45	14	39,988,733	40,353,756	2	1	3	0
Case 45	14	40,353,935	55,655,872	2	0	2	1
Case 45	14	55,658,259	56,831,864	3	0	3	1
Case 45	14	56,839,801	61,520,070	2	0	2	1
Case 45	14	61,536,933	63,792,501	3	0	3	1
Case 45	14	63,796,122	104,378,232	2	0	2	1
Case 45	14	104,381,411	107,287,663	1	1	2	0
Case 45	15	20,034,919	29,905,940	1	1	2	0
Case 45	15	29,906,219	30,919,043	2	0	2	1
Case 45	15	30,927,362	31,089,526	0	0	0	0
Case 45	15	31,094,479	37,495,601	1	1	2	0
Case 45	15	37,496,211	38,105,689	2	0	2	1
Case 45	15	38,106,163	39,062,418	2	1	3	0
Case 45	15	39,063,641	42,144,480	1	1	2	0
Case 45	15	42,145,167	42,184,794	1	0	1	0
Case 45	15	42,185,117	51,294,832	1	1	2	0
Case 45	15	51,295,934	51,673,125	2	1	3	0
Case 45	15	51,673,382	57,057,885	1	1	2	0
Case 45	15	57,065,787	63,862,721	2	1	3	0
Case 45	15	63,866,584	64,147,817	1	1	2	0
Case 45	15	64,149,602	65,155,528	2	1	3	0
Case 45	15	65,157,203	65,273,595	1	1	2	0
Case 45	15	65,281,624	65,703,684	2	0	2	1
Case 45	15	65,706,569	75,498,642	2	1	3	0
Case 45	15	75,498,681	76,313,121	2	0	2	1
Case 45	15	76,315,542	102,461,162	2	1	3	0
Case 45	16	88,165	772,126	2	0	2	1
Case 45	16	772,447	865,040	1	0	1	0
Case 45	16	866,053	1,143,547	2	0	2	1
Case 45	16	1,143,577	1,201,854	0	0	0	0

Case 45	16	1,211,457	1,273,591	1	0	1	0
Case 45	16	1,273,638	4,353,057	2	0	2	1
Case 45	16	4,359,421	4,455,535	1	0	1	0
Case 45	16	4,455,553	6,577,413	2	0	2	1
Case 45	16	6,580,275	28,003,221	2	1	3	0
Case 45	16	28,003,858	30,771,757	2	0	2	1
Case 45	16	30,771,928	35,285,582	1	1	2	0
Case 45	16	46,450,037	46,846,663	1	1	2	0
Case 45	16	46,848,522	50,375,955	2	1	3	0
Case 45	16	50,384,068	88,105,725	2	0	2	1
Case 45	16	88,105,732	89,813,093	1	0	1	0
Case 45	16	89,814,188	90,274,695	2	0	2	1
Case 45	17	11,885	1,457,839	2	0	2	1
Case 45	17	1,459,155	1,576,562	1	0	1	0
Case 45	17	1,579,300	10,296,152	2	0	2	1
Case 45	17	10,297,619	10,402,312	1	0	1	0
Case 45	17	10,402,398	18,051,447	2	0	2	1
Case 45	17	18,051,861	18,148,541	1	0	1	0
Case 45	17	18,148,549	21,183,193	2	0	2	1
Case 45	17	21,186,360	22,242,355	2	1	3	0
Case 45	17	25,268,142	27,579,212	2	1	3	0
Case 45	17	27,580,756	28,182,685	5	0	5	1
Case 45	17	28,183,059	30,435,777	2	0	2	1
Case 45	17	30,441,015	34,436,708	2	1	3	0
Case 45	17	34,443,811	34,819,191	5	0	5	1
Case 45	17	34,819,750	34,958,708	2	0	2	1
Case 45	17	34,959,002	34,964,807	1	1	2	0
Case 45	17	34,964,977	36,916,599	2	1	3	0
Case 45	17	36,920,386	38,040,763	2	0	2	1
Case 45	17	38,049,233	42,254,161	2	1	3	0
Case 45	17	42,254,165	42,828,484	2	0	2	1
Case 45	17	42,828,512	51,370,626	2	1	3	0
Case 45	17	51,400,864	51,865,320	2	0	2	1
Case 45	17	51,872,214	56,355,424	2	1	3	0
Case 45	17	56,356,502	57,232,365	2	0	2	1
Case 45	17	57,239,628	58,282,990	2	1	3	0
Case 45	17	58,283,007	59,067,526	1	1	2	0
Case 45	17	59,070,573	72,584,704	2	1	3	0
Case 45	17	72,584,730	73,552,128	2	0	2	1
Case 45	17	73,552,176	74,834,320	1	1	2	0
Case 45	17	74,844,617	78,078,709	2	1	3	0
Case 45	17	78,078,931	78,402,423	2	0	2	1
Case 45	17	78,403,190	78,708,418	2	1	3	0
Case 45	17	78,712,423	81,060,040	1	1	2	0
Case 45	18	87,505	15,375,878	2	1	3	0
Case 45	18	18,520,354	18,539,806	2	1	3	0
Case 45	18	18,546,896	23,920,314	5	0	5	1
Case 45	18	23,927,627	24,821,455	7	0	7	1
Case 45	18	24,827,956	26,247,805	1	1	2	0
Case 45	18	26,250,678	27,967,002	1	0	1	0
Case 45	18	27,967,522	29,419,309	1	1	2	0
Case 45	18	29,424,289	29,554,990	1	0	1	0
Case 45	18	29,558,592	30,481,131	1	1	2	0
Case 45	18	30,488,989	30,969,567	1	0	1	0
Case 45	18	30,969,588	62,493,986	1	1	2	0
Case 45	18	62,494,385	64,596,027	1	0	1	0
Case 45	18	64,596,586	65,321,972	1	1	2	0
Case 45	18	65,324,484	66,162,830	1	0	1	0
Case 45	18	66,167,919	68,508,072	1	1	2	0
Case 45	18	68,511,177	69,917,793	1	0	1	0
Case 45	18	69,921,381	78,015,180	1	1	2	0

Case 45	19	260,912	430,690	2	0	2	1
Case 45	19	434,847	1,506,135	1	0	1	0
Case 45	19	1,506,219	4,445,156	2	0	2	1
Case 45	19	4,445,541	4,511,094	1	0	1	0
Case 45	19	4,511,099	8,131,240	2	0	2	1
Case 45	19	8,131,366	8,152,017	1	0	1	0
Case 45	19	8,152,083	9,361,722	2	0	2	1
Case 45	19	9,361,775	9,921,613	1	0	1	0
Case 45	19	9,921,657	11,881,451	2	0	2	1
Case 45	19	11,885,777	12,692,001	1	0	1	0
Case 45	19	12,692,033	21,107,489	2	0	2	1
Case 45	19	21,115,015	21,740,058	0	0	0	0
Case 45	19	21,740,932	23,776,033	2	0	2	1
Case 45	19	23,793,270	24,629,285	1	0	1	0
Case 45	19	27,732,159	28,127,201	1	0	1	0
Case 45	19	28,144,500	49,167,993	2	1	3	0
Case 45	19	49,168,000	49,183,284	2	0	2	1
Case 45	19	49,184,380	49,206,462	0	0	0	0
Case 45	19	49,206,631	59,097,160	2	1	3	0
Case 45	20	63,244	15,028,034	1	1	2	0
Case 45	20	15,028,962	26,293,985	2	0	2	1
Case 45	20	29,425,357	29,530,880	2	0	2	1
Case 45	20	29,540,629	30,616,839	2	1	3	0
Case 45	20	30,618,787	43,837,137	1	1	2	0
Case 45	20	43,837,238	44,329,242	2	1	3	0
Case 45	20	44,330,799	51,643,760	1	1	2	0
Case 45	20	51,645,136	51,881,039	2	1	3	0
Case 45	20	51,884,213	52,403,556	1	1	2	0
Case 45	20	52,407,781	53,095,149	2	1	3	0
Case 45	20	53,098,135	55,590,529	1	1	2	0
Case 45	20	55,595,951	56,098,315	2	0	2	1
Case 45	20	56,098,733	62,948,788	1	1	2	0
Case 45	21	10,827,533	10,971,337	1	1	2	0
Case 45	21	14,368,320	26,211,052	1	1	2	0
Case 45	21	26,215,045	27,854,701	2	1	3	0
Case 45	21	27,858,006	47,809,254	1	1	2	0
Case 45	21	47,810,597	47,931,423	1	0	1	0
Case 45	21	47,931,446	48,100,155	1	1	2	0
Case 45	22	16,114,244	17,593,685	1	1	2	0
Case 45	22	17,594,915	18,609,854	2	1	3	0
Case 45	22	18,610,110	32,939,476	1	1	2	0
Case 45	22	32,939,719	33,388,996	2	1	3	0
Case 45	22	33,393,651	51,195,728	1	1	2	0
Case 47	1	82,154	7,955,894	1	1	2	0
Case 47	1	7,961,206	8,274,018	1	0	1	0
Case 47	1	8,274,807	93,651,547	1	1	2	0
Case 47	1	93,651,937	93,730,380	1	0	1	0
Case 47	1	93,730,427	109,366,554	1	1	2	0
Case 47	1	109,367,944	109,371,874	0	0	0	0
Case 47	1	109,373,214	121,346,616	1	1	2	0
Case 47	1	142,649,718	249,218,992	1	1	2	0
Case 47	2	18,674	92,081,640	1	1	2	0
Case 47	2	95,429,424	243,048,760	1	1	2	0
Case 47	3	61,495	90,442,925	1	1	2	0
Case 47	3	93,537,290	180,328,142	1	1	2	0
Case 47	3	180,328,194	180,337,700	0	0	0	0
Case 47	3	180,342,293	197,838,262	1	1	2	0
Case 47	4	71,566	331,372	1	1	2	0
Case 47	4	333,310	438,080	1	0	1	0
Case 47	4	442,021	49,620,898	1	1	2	0
Case 47	4	52,697,856	190,963,766	1	1	2	0



Case 47	5	38,139	46,399,093	1	1	2	0
Case 47	5	49,457,282	139,931,613	1	1	2	0
Case 47	5	139,931,617	139,931,652	0	0	0	0
Case 47	5	139,931,653	160,537,180	1	1	2	0
Case 47	5	160,537,832	160,548,374	0	0	0	0
Case 47	5	160,551,087	180,693,127	1	1	2	0
Case 47	6	108,666	31,355,119	1	1	2	0
Case 47	6	31,355,318	31,456,567	0	0	0	0
Case 47	6	31,457,633	58,752,089	1	1	2	0
Case 47	6	61,891,118	80,555,040	1	1	2	0
Case 47	6	80,558,480	80,569,885	0	0	0	0
Case 47	6	80,572,483	170,980,171	1	1	2	0
Case 47	7	44,935	98,795	3	0	3	1
Case 47	7	98,977	57,453,615	2	1	3	0
Case 47	7	57,455,018	58,019,061	2	0	2	1
Case 47	7	61,056,053	62,140,786	2	0	2	1
Case 47	7	62,154,874	62,577,770	1	0	1	0
Case 47	7	62,627,173	100,633,938	2	1	3	0
Case 47	7	100,634,145	100,731,873	2	0	2	1
Case 47	7	100,732,190	159,119,486	2	1	3	0
Case 47	8	164,984	43,791,691	3	0	3	1
Case 47	8	46,886,735	146,293,414	3	0	3	1
Case 47	9	46,587	46,944,322	2	1	3	0
Case 47	9	65,629,772	94,951,819	2	1	3	0
Case 47	9	94,962,103	95,142,122	2	0	2	1
Case 47	9	95,144,650	138,480,486	2	1	3	0
Case 47	9	138,482,453	138,876,604	2	0	2	1
Case 47	9	138,877,266	141,066,491	2	1	3	0
Case 47	10	98,087	8,819,909	1	1	2	0
Case 47	10	8,826,168	8,847,765	0	0	0	0
Case 47	10	8,851,255	39,097,912	1	1	2	0
Case 47	10	42,436,301	72,855,411	1	1	2	0
Case 47	10	72,857,415	72,880,512	0	0	0	0
Case 47	10	72,883,868	73,140,004	2	0	2	1
Case 47	10	73,141,020	73,270,925	1	0	1	0
Case 47	10	73,270,959	73,571,718	2	0	2	1
Case 47	10	73,571,727	73,761,015	1	0	1	0
Case 47	10	73,761,723	73,848,075	2	0	2	1
Case 47	10	73,849,472	75,245,252	1	0	1	0
Case 47	10	75,256,424	88,683,223	1	1	2	0
Case 47	10	88,688,336	88,768,121	1	0	1	0
Case 47	10	88,768,625	91,936,247	0	0	0	0
Case 47	10	91,939,348	92,002,112	2	0	2	1
Case 47	10	92,004,794	92,528,523	1	0	1	0
Case 47	10	92,542,499	135,477,883	1	1	2	0
Case 47	11	193,146	5,878,836	1	1	2	0
Case 47	11	5,899,862	5,908,939	3	1	4	0
Case 47	11	5,915,809	5,934,737	3	0	3	1
Case 47	11	5,954,809	51,591,253	1	1	2	0
Case 47	11	54,794,237	55,362,955	1	1	2	0
Case 47	11	55,370,325	55,427,700	0	0	0	0
Case 47	11	55,431,897	134,934,063	1	1	2	0
Case 47	12	191,619	7,993,316	1	1	2	0
Case 47	12	8,000,912	8,123,306	4	0	4	1
Case 47	12	8,125,745	29,648,191	1	1	2	0
Case 47	12	29,648,262	29,648,367	0	0	0	0
Case 47	12	29,648,764	34,544,679	1	1	2	0
Case 47	12	34,565,016	34,853,011	1	0	1	0
Case 47	12	37,876,400	38,514,872	1	0	1	0
Case 47	12	38,528,487	133,810,935	1	1	2	0
Case 47	13	19,058,717	115,103,529	1	1	2	0

Case 47	14	19,280,733	20,404,736	1	0	1	0
Case 47	14	20,416,499	107,287,663	1	1	2	0
Case 47	15	20,034,919	20,212,798	1	1	2	0
Case 47	15	20,612,840	22,383,299	1	0	1	0
Case 47	15	22,410,067	102,461,162	1	1	2	0
Case 47	16	88,165	35,285,582	1	1	2	0
Case 47	16	46,450,037	89,576,947	1	1	2	0
Case 47	16	89,576,958	89,592,774	0	0	0	0
Case 47	16	89,596,106	90,274,695	1	1	2	0
Case 47	17	11,885	402,843	2	0	2	1
Case 47	17	404,617	4,350,640	1	0	1	0
Case 47	17	4,351,510	4,458,515	2	0	2	1
Case 47	17	4,458,516	5,961,645	1	0	1	0
Case 47	17	5,962,525	6,106,486	2	0	2	1
Case 47	17	6,107,113	6,331,702	1	0	1	0
Case 47	17	6,331,720	6,499,498	2	0	2	1
Case 47	17	6,499,540	7,903,610	1	0	1	0
Case 47	17	7,907,178	7,984,157	2	0	2	1
Case 47	17	7,984,203	10,689,671	1	0	1	0
Case 47	17	10,692,593	10,919,459	2	0	2	1
Case 47	17	10,919,525	20,865,108	1	0	1	0
Case 47	17	20,866,865	22,242,355	1	1	2	0
Case 47	17	25,268,142	25,268,142	1	1	2	0
Case 47	17	25,295,032	81,060,040	2	1	3	0
Case 47	18	87,505	1,473,445	2	0	2	1
Case 47	18	1,485,159	1,742,207	1	0	1	0
Case 47	18	1,742,272	2,641,753	2	0	2	1
Case 47	18	2,641,858	2,825,377	1	0	1	0
Case 47	18	2,825,418	9,251,236	2	0	2	1
Case 47	18	9,254,308	9,258,814	1	0	1	0
Case 47	18	9,264,690	15,049,329	2	0	2	1
Case 47	18	15,069,726	15,375,878	0	0	0	0
Case 47	18	18,520,354	18,700,986	0	0	0	0
Case 47	18	18,726,212	18,764,639	1	1	2	0
Case 47	18	18,774,267	19,461,917	1	0	1	0
Case 47	18	19,475,555	28,015,411	2	0	2	1
Case 47	18	28,016,721	28,138,872	1	0	1	0
Case 47	18	28,140,333	29,326,919	2	0	2	1
Case 47	18	29,330,214	29,533,282	1	0	1	0
Case 47	18	29,534,459	30,517,995	2	0	2	1
Case 47	18	30,528,021	31,040,099	1	0	1	0
Case 47	18	31,041,868	40,377,844	2	0	2	1
Case 47	18	40,385,804	40,631,975	1	0	1	0
Case 47	18	40,636,533	43,505,720	2	0	2	1
Case 47	18	43,508,800	43,675,046	1	0	1	0
Case 47	18	43,675,064	48,476,450	2	0	2	1
Case 47	18	48,485,967	51,578,568	0	0	0	0
Case 47	18	51,584,229	55,269,699	2	0	2	1
Case 47	18	55,270,423	55,362,532	1	0	1	0
Case 47	18	55,364,830	59,728,583	2	0	2	1
Case 47	18	59,731,955	59,974,497	1	0	1	0
Case 47	18	59,984,822	64,734,174	2	0	2	1
Case 47	18	64,741,828	64,844,503	0	0	0	0
Case 47	18	64,849,002	75,954,881	2	0	2	1
Case 47	18	75,959,126	76,030,181	1	0	1	0
Case 47	18	76,031,820	76,765,905	2	0	2	1
Case 47	18	76,769,285	77,122,830	1	0	1	0
Case 47	18	77,129,563	78,015,180	2	0	2	1
Case 47	19	260,912	9,380,978	1	1	2	0
Case 47	19	9,395,584	9,453,311	1	0	1	0
Case 47	19	9,453,385	9,868,152	1	1	2	0

Case 47	19	9,868,213	9,872,907	1	0	1	0
Case 47	19	9,873,963	11,879,420	1	1	2	0
Case 47	19	11,881,346	12,699,777	1	0	1	0
Case 47	19	12,718,619	19,819,843	1	1	2	0
Case 47	19	19,822,049	19,823,567	0	0	0	0
Case 47	19	19,823,593	21,451,565	1	1	2	0
Case 47	19	21,455,154	21,720,803	1	0	1	0
Case 47	19	21,740,058	21,989,391	1	1	2	0
Case 47	19	21,990,464	21,992,578	0	0	0	0
Case 47	19	21,996,666	23,814,365	1	1	2	0
Case 47	19	23,829,737	23,930,879	0	0	0	0
Case 47	19	23,937,693	24,629,285	1	1	2	0
Case 47	19	27,732,159	27,828,664	1	1	2	0
Case 47	19	27,862,694	31,453,053	3	1	4	0
Case 47	19	31,456,406	31,784,595	3	0	3	1
Case 47	19	31,790,322	33,307,117	3	1	4	0
Case 47	19	33,309,030	33,655,144	3	0	3	1
Case 47	19	33,655,154	34,552,127	3	1	4	0
Case 47	19	34,552,893	34,957,365	3	0	3	1
Case 47	19	34,958,841	35,014,298	3	1	4	0
Case 47	19	35,026,796	35,979,464	3	0	3	1
Case 47	19	35,979,745	36,443,999	2	1	3	0
Case 47	19	36,459,236	36,674,347	3	1	4	0
Case 47	19	36,674,390	40,225,045	3	0	3	1
Case 47	19	40,225,646	40,316,422	3	1	4	0
Case 47	19	40,316,461	41,096,310	3	0	3	1
Case 47	19	41,096,696	41,168,196	3	1	4	0
Case 47	19	41,171,757	41,239,223	3	0	3	1
Case 47	19	41,239,241	41,314,720	3	1	4	0
Case 47	19	41,318,306	41,932,596	3	0	3	1
Case 47	19	41,932,602	42,125,713	3	1	4	0
Case 47	19	42,128,097	44,172,025	3	0	3	1
Case 47	19	44,172,188	44,342,977	3	1	4	0
Case 47	19	44,348,824	44,793,236	3	0	3	1
Case 47	19	44,793,278	44,867,601	3	1	4	0
Case 47	19	44,871,027	45,017,301	3	0	3	1
Case 47	19	45,019,507	45,316,553	3	1	4	0
Case 47	19	45,316,588	46,181,392	3	0	3	1
Case 47	19	46,181,466	46,289,503	3	1	4	0
Case 47	19	46,289,799	46,621,464	3	0	3	1
Case 47	19	46,622,776	46,627,412	0	0	0	0
Case 47	19	46,636,139	47,051,159	3	0	3	1
Case 47	19	47,058,986	47,244,530	3	1	4	0
Case 47	19	47,245,378	47,865,819	3	0	3	1
Case 47	19	47,865,889	48,286,163	3	1	4	0
Case 47	19	48,289,303	48,510,839	3	0	3	1
Case 47	19	48,511,888	48,619,130	2	1	3	0
Case 47	19	48,619,154	48,653,093	3	0	3	1
Case 47	19	48,654,553	48,746,681	3	1	4	0
Case 47	19	48,749,584	49,183,284	3	0	3	1
Case 47	19	49,184,380	49,206,462	0	0	0	0
Case 47	19	49,206,631	50,086,907	3	0	3	1
Case 47	19	50,086,918	50,556,588	2	1	3	0
Case 47	19	50,557,876	51,870,712	3	0	3	1
Case 47	19	51,871,157	52,051,758	2	1	3	0
Case 47	19	52,053,130	52,130,337	3	0	3	1
Case 47	19	52,130,438	52,130,459	2	1	3	0
Case 47	19	52,130,488	52,249,120	3	1	4	0
Case 47	19	52,249,211	52,272,651	3	0	3	1
Case 47	19	52,272,840	52,375,239	3	1	4	0
Case 47	19	52,375,299	53,793,596	3	0	3	1

Case 47	19	53,798,945	53,958,166	3	1	4	0
Case 47	19	53,958,347	54,114,151	3	0	3	1
Case 47	19	54,116,508	54,276,283	3	1	4	0
Case 47	19	54,281,322	54,971,229	3	0	3	1
Case 47	19	54,973,198	55,087,468	3	1	4	0
Case 47	19	55,088,977	55,663,250	3	0	3	1
Case 47	19	55,665,410	56,477,710	2	1	3	0
Case 47	19	56,477,731	56,609,371	3	0	3	1
Case 47	19	56,620,260	56,689,214	3	1	4	0
Case 47	19	56,689,969	56,798,230	3	0	3	1
Case 47	19	56,799,304	56,900,486	3	1	4	0
Case 47	19	56,901,457	58,494,665	3	0	3	1
Case 47	19	58,495,059	58,549,301	3	1	4	0
Case 47	19	58,549,337	58,596,165	3	0	3	1
Case 47	19	58,596,338	58,689,834	3	1	4	0
Case 47	19	58,693,418	58,815,853	3	0	3	1
Case 47	19	58,819,113	59,097,160	3	1	4	0
Case 47	20	63,244	26,293,985	2	1	3	0
Case 47	20	29,425,357	62,948,788	2	1	3	0
Case 47	21	10,827,533	10,971,337	1	1	2	0
Case 47	21	14,368,320	48,100,155	1	1	2	0
Case 47	22	16,114,244	51,195,728	1	1	2	0
Case 49	1	82,154	12,880,356	1	1	2	0
Case 49	1	12,907,689	12,919,891	2	2	4	0
Case 49	1	12,920,053	35,454,473	1	1	2	0
Case 49	1	35,454,498	35,882,659	1	0	1	0
Case 49	1	35,884,083	92,977,275	1	1	2	0
Case 49	1	92,979,254	93,795,932	1	0	1	0
Case 49	1	93,810,900	121,346,616	1	1	2	0
Case 49	1	142,649,718	178,269,244	1	1	2	0
Case 49	1	178,296,326	178,657,038	1	0	1	0
Case 49	1	178,657,616	200,534,255	1	1	2	0
Case 49	1	200,534,651	200,539,111	0	0	0	0
Case 49	1	200,545,187	236,378,916	1	1	2	0
Case 49	1	236,379,623	236,384,402	0	0	0	0
Case 49	1	236,385,276	249,150,486	1	1	2	0
Case 49	1	249,150,577	249,218,992	2	1	3	0
Case 49	2	18,674	61,456,089	1	1	2	0
Case 49	2	61,461,412	61,763,647	1	0	1	0
Case 49	2	61,772,257	79,326,215	1	1	2	0
Case 49	2	79,332,083	79,338,929	5	0	5	1
Case 49	2	79,345,504	89,427,986	1	1	2	0
Case 49	2	89,452,968	92,027,973	0	0	0	0
Case 49	2	92,035,041	92,081,640	1	1	2	0
Case 49	2	95,429,424	203,426,668	1	1	2	0
Case 49	2	203,430,456	204,161,510	1	0	1	0
Case 49	2	204,165,171	243,048,760	1	1	2	0
Case 49	3	61,495	90,442,925	1	1	2	0
Case 49	3	93,537,290	197,838,262	1	1	2	0
Case 49	4	71,566	49,620,898	1	1	2	0
Case 49	4	52,697,856	128,813,668	1	1	2	0
Case 49	4	128,814,675	129,127,647	1	0	1	0
Case 49	4	129,131,153	144,950,193	1	1	2	0
Case 49	4	144,965,891	145,035,868	5	0	5	1
Case 49	4	145,040,841	190,963,766	1	1	2	0
Case 49	5	38,139	174,106	2	1	3	0
Case 49	5	174,171	46,128,475	1	1	2	0
Case 49	5	46,138,457	46,399,093	0	0	0	0
Case 49	5	49,457,282	49,586,870	0	0	0	0
Case 49	5	49,597,497	113,622,824	1	1	2	0
Case 49	5	113,623,738	113,783,989	2	1	3	0

Case 49	5	113,785,673	139,930,726	1	1	2	0
Case 49	5	139,930,736	139,931,661	0	0	0	0
Case 49	5	139,931,691	180,693,127	1	1	2	0
Case 49	6	108,666	29,835,632	1	1	2	0
Case 49	6	29,835,834	29,926,082	2	1	3	0
Case 49	6	29,926,377	32,670,464	1	1	2	0
Case 49	6	32,670,576	32,683,691	1	0	1	0
Case 49	6	32,683,898	33,032,290	1	1	2	0
Case 49	6	33,032,975	33,051,910	2	1	3	0
Case 49	6	33,052,736	58,752,089	1	1	2	0
Case 49	6	61,891,118	88,240,570	1	1	2	0
Case 49	6	88,241,110	88,366,708	1	0	1	0
Case 49	6	88,367,635	170,980,171	1	1	2	0
Case 49	7	44,935	58,019,061	2	1	3	0
Case 49	7	61,056,053	74,000,679	2	1	3	0
Case 49	7	74,004,204	75,255,633	1	1	2	0
Case 49	7	75,263,792	100,548,261	2	1	3	0
Case 49	7	100,548,273	100,732,805	1	1	2	0
Case 49	7	100,732,844	110,519,790	2	1	3	0
Case 49	7	110,526,714	111,228,173	1	1	2	0
Case 49	7	111,228,448	120,577,688	2	1	3	0
Case 49	7	120,579,637	159,119,486	1	1	2	0
Case 49	8	164,984	43,791,691	1	1	2	0
Case 49	8	46,886,735	51,210,717	1	1	2	0
Case 49	8	51,213,802	51,227,777	0	0	0	0
Case 49	8	51,230,812	85,183,072	1	1	2	0
Case 49	8	85,185,158	146,293,414	2	1	3	0
Case 49	9	46,587	39,004,140	1	1	2	0
Case 49	9	39,076,028	46,944,322	1	0	1	0
Case 49	9	65,629,772	69,238,239	1	0	1	0
Case 49	9	69,355,037	141,066,491	1	1	2	0
Case 49	10	98,087	3,147,192	1	1	2	0
Case 49	10	3,148,116	3,190,211	1	0	1	0
Case 49	10	3,190,380	39,097,912	1	1	2	0
Case 49	10	42,436,301	70,084,273	1	1	2	0
Case 49	10	70,085,529	70,319,626	1	0	1	0
Case 49	10	70,324,814	135,477,883	1	1	2	0
Case 49	11	193,146	51,591,253	1	1	2	0
Case 49	11	54,794,237	108,117,798	1	1	2	0
Case 49	11	108,117,799	108,190,770	1	0	1	0
Case 49	11	108,192,078	134,934,063	1	1	2	0
Case 49	12	191,619	1,040,391	1	1	2	0
Case 49	12	1,040,397	1,510,533	1	0	1	0
Case 49	12	1,510,640	34,285,581	1	1	2	0
Case 49	12	34,294,699	34,853,011	1	0	1	0
Case 49	12	37,876,400	38,514,872	1	0	1	0
Case 49	12	38,528,487	95,690,029	1	1	2	0
Case 49	12	95,694,111	95,705,532	5	0	5	1
Case 49	12	95,715,994	133,810,935	1	1	2	0
Case 49	13	19,058,717	21,729,226	1	1	2	0
Case 49	13	21,729,267	21,746,637	5	1	6	0
Case 49	13	21,747,051	114,941,946	1	1	2	0
Case 49	13	114,946,692	115,103,529	2	1	3	0
Case 49	14	19,280,733	20,420,338	3	1	4	0
Case 49	14	20,425,051	35,449,467	1	1	2	0
Case 49	14	35,452,132	35,649,943	1	0	1	0
Case 49	14	35,661,048	45,606,287	1	1	2	0
Case 49	14	45,606,290	45,683,554	1	0	1	0
Case 49	14	45,686,268	105,409,343	1	1	2	0
Case 49	14	105,410,183	105,412,270	5	0	5	1
Case 49	14	105,413,249	107,287,663	1	1	2	0

Case 49	15	20,034,919	41,341,500	1	1	2	0
Case 49	15	41,341,524	41,699,528	1	0	1	0
Case 49	15	41,701,857	79,509,682	1	1	2	0
Case 49	15	79,510,909	79,616,077	2	1	3	0
Case 49	15	79,617,221	98,347,727	1	1	2	0
Case 49	15	98,348,809	98,615,560	2	1	3	0
Case 49	15	98,617,199	102,461,162	1	1	2	0
Case 49	16	88,165	180,719	2	1	3	0
Case 49	16	185,123	35,285,582	1	1	2	0
Case 49	16	46,450,037	78,718,027	1	1	2	0
Case 49	16	78,719,199	78,927,243	1	0	1	0
Case 49	16	78,927,732	84,028,088	1	1	2	0
Case 49	16	84,028,123	84,032,023	2	1	3	0
Case 49	16	84,034,351	90,027,838	1	1	2	0
Case 49	16	90,028,480	90,274,695	2	1	3	0
Case 49	17	11,885	1,030,988	1	1	2	0
Case 49	17	1,037,132	1,068,393	0	0	0	0
Case 49	17	1,071,624	15,039,528	1	1	2	0
Case 49	17	15,044,804	15,058,991	0	0	0	0
Case 49	17	15,060,561	22,242,355	1	1	2	0
Case 49	17	25,268,142	28,104,306	1	1	2	0
Case 49	17	28,120,918	28,405,334	1	0	1	0
Case 49	17	28,405,349	29,000,019	1	1	2	0
Case 49	17	29,015,932	29,205,072	1	0	1	0
Case 49	17	29,213,943	34,443,811	1	1	2	0
Case 49	17	34,445,325	34,465,375	5	0	5	1
Case 49	17	34,466,631	80,904,844	1	1	2	0
Case 49	17	80,905,299	81,060,040	2	1	3	0
Case 49	18	87,505	563,815	1	1	2	0
Case 49	18	565,760	632,651	1	0	1	0
Case 49	18	633,346	15,375,878	1	1	2	0
Case 49	18	18,520,354	71,516,958	1	1	2	0
Case 49	18	71,517,388	71,551,663	2	1	3	0
Case 49	18	71,555,222	77,915,906	1	1	2	0
Case 49	18	77,916,015	78,015,180	2	1	3	0
Case 49	19	260,912	9,377,716	1	1	2	0
Case 49	19	9,380,978	9,886,283	1	0	1	0
Case 49	19	9,912,917	11,873,382	1	1	2	0
Case 49	19	11,878,095	12,692,130	1	0	1	0
Case 49	19	12,692,328	19,772,856	1	1	2	0
Case 49	19	19,776,814	19,849,697	1	0	1	0
Case 49	19	19,849,713	19,870,381	1	1	2	0
Case 49	19	19,873,269	20,046,102	1	0	1	0
Case 49	19	20,054,823	20,925,934	1	1	2	0
Case 49	19	20,942,429	22,031,822	1	0	1	0
Case 49	19	22,034,819	24,354,312	1	1	2	0
Case 49	19	24,354,633	24,629,285	1	0	1	0
Case 49	19	27,732,159	28,095,812	1	0	1	0
Case 49	19	28,101,122	37,487,723	1	1	2	0
Case 49	19	37,487,860	37,823,811	1	0	1	0
Case 49	19	37,835,658	52,941,827	1	1	2	0
Case 49	19	52,941,847	53,117,549	1	0	1	0
Case 49	19	53,117,609	53,269,486	1	1	2	0
Case 49	19	53,269,678	53,669,447	1	0	1	0
Case 49	19	53,669,472	53,911,580	1	1	2	0
Case 49	19	53,911,592	53,997,114	1	0	1	0
Case 49	19	54,010,277	58,983,457	1	1	2	0
Case 49	19	58,983,493	59,097,160	2	1	3	0
Case 49	20	63,244	26,293,985	2	1	3	0
Case 49	20	29,425,357	33,891,824	2	1	3	0
Case 49	20	33,894,463	34,242,737	1	1	2	0

Case 49	20	34,242,782	47,591,082	2	1	3	0
Case 49	20	47,592,600	47,989,624	1	1	2	0
Case 49	20	47,990,100	52,164,278	2	1	3	0
Case 49	20	52,166,279	52,240,212	1	1	2	0
Case 49	20	52,246,606	62,948,788	2	1	3	0
Case 49	21	10,827,533	10,971,337	1	1	2	0
Case 49	21	14,368,320	17,768,524	1	1	2	0
Case 49	21	17,772,222	17,775,303	0	0	0	0
Case 49	21	17,777,827	48,100,155	1	1	2	0
Case 49	22	16,114,244	51,195,728	1	1	2	0
Case 50	1	82,154	1,619,541	3	0	3	1
Case 50	1	1,627,987	1,664,019	0	0	0	0
Case 50	1	1,664,124	71,960,291	3	0	3	1
Case 50	1	71,961,608	72,299,344	2	0	2	1
Case 50	1	72,309,009	72,480,008	0	0	0	0
Case 50	1	72,488,815	72,535,536	2	0	2	1
Case 50	1	72,549,836	102,647,938	3	0	3	1
Case 50	1	102,649,588	102,828,823	1	0	1	0
Case 50	1	102,836,753	103,231,028	2	0	2	1
Case 50	1	103,233,203	103,379,918	1	0	1	0
Case 50	1	103,381,192	103,432,657	2	0	2	1
Case 50	1	103,438,795	103,548,497	1	0	1	0
Case 50	1	103,548,505	103,670,518	2	0	2	1
Case 50	1	103,671,410	104,096,692	1	0	1	0
Case 50	1	104,103,057	104,297,239	2	0	2	1
Case 50	1	104,309,132	104,418,619	1	0	1	0
Case 50	1	104,436,329	104,892,901	2	0	2	1
Case 50	1	104,893,789	104,974,603	1	0	1	0
Case 50	1	104,975,728	105,995,890	2	0	2	1
Case 50	1	105,998,384	106,215,029	1	0	1	0
Case 50	1	106,221,029	106,849,846	2	0	2	1
Case 50	1	106,860,057	106,988,405	1	0	1	0
Case 50	1	106,994,923	109,538,263	2	0	2	1
Case 50	1	109,549,512	109,608,833	1	0	1	0
Case 50	1	109,610,537	111,575,921	2	0	2	1
Case 50	1	111,585,494	111,667,381	1	0	1	0
Case 50	1	111,671,707	113,123,734	2	0	2	1
Case 50	1	113,125,080	113,143,441	1	0	1	0
Case 50	1	113,153,580	114,365,752	2	0	2	1
Case 50	1	114,366,434	114,391,219	1	0	1	0
Case 50	1	114,394,463	114,906,992	2	0	2	1
Case 50	1	114,920,097	114,989,211	1	0	1	0
Case 50	1	114,996,112	115,280,587	2	0	2	1
Case 50	1	115,283,197	115,316,921	1	0	1	0
Case 50	1	115,323,219	115,470,852	2	0	2	1
Case 50	1	115,487,521	115,575,715	1	0	1	0
Case 50	1	115,576,023	121,346,616	2	0	2	1
Case 50	1	142,649,718	146,588,939	2	2	4	0
Case 50	1	146,589,758	147,208,401	3	2	5	0
Case 50	1	147,210,110	150,658,287	2	2	4	0
Case 50	1	150,658,971	150,857,555	3	2	5	0
Case 50	1	150,857,664	151,770,138	2	2	4	0
Case 50	1	151,773,160	152,056,368	3	2	5	0
Case 50	1	152,057,472	157,666,939	2	2	4	0
Case 50	1	157,667,083	157,763,970	3	2	5	0
Case 50	1	157,765,901	158,875,409	2	2	4	0
Case 50	1	158,876,921	159,131,926	3	2	5	0
Case 50	1	159,132,649	159,215,287	2	2	4	0
Case 50	1	159,217,581	159,746,857	3	2	5	0
Case 50	1	159,748,269	161,479,745	2	2	4	0
Case 50	1	161,492,587	161,953,015	3	2	5	0

Case 50	1	161,953,624	162,198,542	2	2	4	0
Case 50	1	162,201,217	165,440,194	3	2	5	0
Case 50	1	165,448,157	166,369,651	2	2	4	0
Case 50	1	166,388,391	167,022,701	3	2	5	0
Case 50	1	167,023,590	167,496,303	2	2	4	0
Case 50	1	167,497,574	171,506,696	3	2	5	0
Case 50	1	171,509,014	171,761,155	2	2	4	0
Case 50	1	171,763,549	174,821,623	3	2	5	0
Case 50	1	174,829,296	177,915,498	2	2	4	0
Case 50	1	177,917,055	179,052,127	3	2	5	0
Case 50	1	179,054,810	179,100,501	2	2	4	0
Case 50	1	179,100,545	179,246,861	3	2	5	0
Case 50	1	179,248,952	179,371,973	2	2	4	0
Case 50	1	179,396,444	180,915,596	3	2	5	0
Case 50	1	180,916,130	181,173,577	2	2	4	0
Case 50	1	181,174,959	181,545,124	3	2	5	0
Case 50	1	181,549,547	181,768,985	2	2	4	0
Case 50	1	181,771,992	182,922,975	3	2	5	0
Case 50	1	182,931,205	183,116,686	2	2	4	0
Case 50	1	183,121,028	183,854,023	3	2	5	0
Case 50	1	183,854,067	183,920,208	2	2	4	0
Case 50	1	183,922,435	200,880,817	3	2	5	0
Case 50	1	200,881,595	205,661,614	2	2	4	0
Case 50	1	205,662,718	205,779,560	3	2	5	0
Case 50	1	205,785,932	207,039,923	2	2	4	0
Case 50	1	207,040,730	207,578,194	3	2	5	0
Case 50	1	207,578,284	207,651,374	2	2	4	0
Case 50	1	207,651,395	208,186,905	3	2	5	0
Case 50	1	208,188,196	211,112,257	2	2	4	0
Case 50	1	211,120,598	211,663,632	3	2	5	0
Case 50	1	211,663,679	211,821,673	2	2	4	0
Case 50	1	211,824,797	212,360,082	3	2	5	0
Case 50	1	212,370,745	213,146,944	2	2	4	0
Case 50	1	213,146,952	214,436,619	3	2	5	0
Case 50	1	214,437,315	214,682,931	2	2	4	0
Case 50	1	214,683,833	220,867,903	3	2	5	0
Case 50	1	220,868,627	221,107,796	2	2	4	0
Case 50	1	221,111,780	223,003,498	3	2	5	0
Case 50	1	223,004,049	223,339,689	2	2	4	0
Case 50	1	223,353,343	223,627,024	3	2	5	0
Case 50	1	223,629,454	223,958,547	2	2	4	0
Case 50	1	223,959,543	224,492,479	3	2	5	0
Case 50	1	224,492,744	225,007,842	2	2	4	0
Case 50	1	225,008,581	225,949,423	3	2	5	0
Case 50	1	225,955,919	227,192,752	2	2	4	0
Case 50	1	227,195,758	227,450,144	3	2	5	0
Case 50	1	227,452,224	229,331,680	2	2	4	0
Case 50	1	229,334,294	229,635,480	3	2	5	0
Case 50	1	229,635,484	229,861,486	2	2	4	0
Case 50	1	229,863,007	230,138,554	3	2	5	0
Case 50	1	230,139,418	230,780,571	2	2	4	0
Case 50	1	230,781,741	230,879,952	3	2	5	0
Case 50	1	230,880,155	231,060,736	2	2	4	0
Case 50	1	231,061,277	231,255,113	3	2	5	0
Case 50	1	231,260,770	231,485,731	2	2	4	0
Case 50	1	231,487,993	231,829,578	3	2	5	0
Case 50	1	231,829,616	232,148,135	2	2	4	0
Case 50	1	232,149,520	233,749,021	3	2	5	0
Case 50	1	233,750,008	234,274,658	2	2	4	0
Case 50	1	234,276,395	234,873,046	3	2	5	0
Case 50	1	234,873,275	235,764,497	2	2	4	0



Case 50	1	235,766,062	235,969,566	3	2	5	0
Case 50	1	235,969,711	236,370,654	2	2	4	0
Case 50	1	236,371,376	236,474,797	3	2	5	0
Case 50	1	236,476,805	236,730,157	2	2	4	0
Case 50	1	236,730,158	236,848,268	3	2	5	0
Case 50	1	236,848,751	237,548,941	2	2	4	0
Case 50	1	237,550,653	241,901,183	3	2	5	0
Case 50	1	241,907,691	243,723,214	2	2	4	0
Case 50	1	243,725,983	244,161,728	3	2	5	0
Case 50	1	244,161,982	244,724,277	2	2	4	0
Case 50	1	244,735,812	245,219,054	3	2	5	0
Case 50	1	245,222,730	246,091,276	2	2	4	0
Case 50	1	246,097,156	246,414,404	3	1	4	0
Case 50	1	246,425,984	246,425,984	3	0	3	1
Case 50	1	246,429,058	246,606,218	2	0	2	1
Case 50	1	246,613,039	249,218,992	2	2	4	0
Case 50	2	18,674	22,650,830	2	1	3	0
Case 50	2	22,652,833	22,692,241	1	1	2	0
Case 50	2	22,704,855	24,302,246	2	1	3	0
Case 50	2	24,302,317	24,305,911	1	1	2	0
Case 50	2	24,335,554	32,550,485	2	1	3	0
Case 50	2	32,579,759	32,707,650	1	1	2	0
Case 50	2	32,713,706	73,928,422	2	1	3	0
Case 50	2	73,932,044	73,999,654	1	1	2	0
Case 50	2	74,007,136	75,559,706	2	1	3	0
Case 50	2	75,561,061	75,562,760	3	1	4	0
Case 50	2	75,562,933	75,866,236	2	2	4	0
Case 50	2	75,872,246	75,874,015	3	1	4	0
Case 50	2	75,876,340	77,788,869	2	1	3	0
Case 50	2	77,797,064	77,797,064	3	1	4	0
Case 50	2	77,805,397	77,805,397	3	0	3	1
Case 50	2	77,826,046	77,935,129	1	0	1	0
Case 50	2	77,936,605	77,989,607	2	0	2	1
Case 50	2	77,990,389	78,048,765	1	0	1	0
Case 50	2	78,048,788	78,082,472	2	0	2	1
Case 50	2	78,089,383	78,301,879	3	0	3	1
Case 50	2	78,304,795	79,776,291	2	1	3	0
Case 50	2	79,779,796	79,779,796	3	0	3	1
Case 50	2	79,781,587	79,781,587	2	0	2	1
Case 50	2	79,781,745	79,783,547	3	0	3	1
Case 50	2	79,784,187	79,784,187	2	0	2	1
Case 50	2	79,785,810	79,811,317	1	0	1	0
Case 50	2	79,813,196	79,906,739	2	0	2	1
Case 50	2	79,907,315	79,922,802	1	0	1	0
Case 50	2	79,925,969	79,991,610	2	0	2	1
Case 50	2	79,992,038	80,054,826	3	0	3	1
Case 50	2	80,055,917	80,312,122	2	1	3	0
Case 50	2	80,315,216	80,344,355	1	1	2	0
Case 50	2	80,365,193	80,470,464	2	1	3	0
Case 50	2	80,474,158	80,504,787	1	1	2	0
Case 50	2	80,514,672	83,136,642	2	1	3	0
Case 50	2	83,146,534	83,267,197	1	1	2	0
Case 50	2	83,273,436	92,081,640	2	1	3	0
Case 50	2	95,429,424	95,455,258	3	1	4	0
Case 50	2	95,485,567	95,722,609	4	1	5	0
Case 50	2	95,734,474	96,780,650	3	1	4	0
Case 50	2	96,780,716	111,691,199	4	0	4	1
Case 50	2	111,695,479	123,780,262	3	0	3	1
Case 50	2	123,795,919	123,808,961	1	0	1	0
Case 50	2	123,809,708	123,937,555	2	0	2	1
Case 50	2	123,943,220	139,080,891	3	0	3	1

Case 50	2	139,082,736	139,328,799	2	0	2	1
Case 50	2	139,332,687	157,778,161	3	0	3	1
Case 50	2	157,785,456	157,802,125	2	0	2	1
Case 50	2	157,805,435	182,521,535	3	0	3	1
Case 50	2	182,521,541	182,716,212	4	0	4	1
Case 50	2	182,733,299	187,213,730	3	0	3	1
Case 50	2	187,240,797	187,360,053	2	0	2	1
Case 50	2	187,366,061	187,521,118	0	0	0	0
Case 50	2	187,521,260	187,562,355	2	0	2	1
Case 50	2	187,571,699	195,219,153	3	0	3	1
Case 50	2	195,266,232	243,048,760	4	0	4	1
Case 50	3	61,495	958,096	3	1	4	0
Case 50	3	963,381	3,581,077	3	0	3	1
Case 50	3	3,582,105	3,731,439	5	0	5	1
Case 50	3	3,732,283	3,792,051	4	0	4	1
Case 50	3	3,792,945	4,351,751	5	0	5	1
Case 50	3	4,353,466	4,969,387	4	0	4	1
Case 50	3	4,973,586	6,753,259	3	0	3	1
Case 50	3	6,760,499	9,703,844	6	0	6	1
Case 50	3	9,709,043	10,211,918	5	0	5	1
Case 50	3	10,212,258	10,212,258	3	0	3	1
Case 50	3	10,212,494	11,059,847	6	0	6	1
Case 50	3	11,060,302	12,287,863	5	0	5	1
Case 50	3	12,287,944	12,287,944	3	0	3	1
Case 50	3	12,289,800	12,442,578	6	0	6	1
Case 50	3	12,442,833	12,641,718	5	0	5	1
Case 50	3	12,649,576	13,671,321	6	0	6	1
Case 50	3	13,671,392	15,391,894	5	0	5	1
Case 50	3	15,410,365	16,381,111	3	0	3	1
Case 50	3	16,385,395	16,602,491	5	0	5	1
Case 50	3	16,617,862	16,617,862	3	0	3	1
Case 50	3	16,619,147	16,784,389	6	0	6	1
Case 50	3	16,785,673	17,209,300	5	0	5	1
Case 50	3	17,213,357	17,213,357	3	0	3	1
Case 50	3	17,214,070	19,103,739	6	0	6	1
Case 50	3	19,112,134	21,535,708	3	0	3	1
Case 50	3	21,544,296	22,318,273	6	0	6	1
Case 50	3	22,327,742	25,985,168	3	0	3	1
Case 50	3	25,994,433	26,076,713	6	0	6	1
Case 50	3	26,085,604	40,715,040	3	0	3	1
Case 50	3	40,722,876	41,083,932	4	0	4	1
Case 50	3	41,085,459	53,084,326	3	0	3	1
Case 50	3	53,092,375	53,164,412	2	0	2	1
Case 50	3	53,175,557	60,120,954	3	0	3	1
Case 50	3	60,122,156	60,138,099	0	0	0	0
Case 50	3	60,144,588	60,220,486	3	0	3	1
Case 50	3	60,228,660	60,753,126	0	0	0	0
Case 50	3	60,759,462	60,780,913	3	0	3	1
Case 50	3	60,788,842	60,908,013	0	0	0	0
Case 50	3	60,918,609	71,330,583	3	0	3	1
Case 50	3	71,330,949	71,677,817	2	0	2	1
Case 50	3	71,681,950	85,336,559	3	0	3	1
Case 50	3	85,349,089	85,402,469	1	0	1	0
Case 50	3	85,404,783	85,658,202	2	0	2	1
Case 50	3	85,661,265	90,442,925	3	0	3	1
Case 50	3	93,537,290	103,252,139	3	1	4	0
Case 50	3	103,256,322	175,064,809	3	0	3	1
Case 50	3	175,066,203	175,124,340	2	0	2	1
Case 50	3	175,124,541	175,293,892	1	0	1	0
Case 50	3	175,293,957	175,329,367	2	0	2	1
Case 50	3	175,334,302	197,838,262	3	0	3	1

Case 50	4	71,566	5,384,256	4	0	4	1
Case 50	4	5,387,403	49,620,898	3	0	3	1
Case 50	4	52,697,856	91,860,898	3	0	3	1
Case 50	4	91,862,940	91,911,048	2	0	2	1
Case 50	4	91,911,417	92,009,492	1	0	1	0
Case 50	4	92,014,627	92,042,065	2	0	2	1
Case 50	4	92,053,582	136,525,023	3	0	3	1
Case 50	4	136,543,136	136,599,787	5	0	5	1
Case 50	4	136,606,270	144,945,108	3	0	3	1
Case 50	4	144,949,348	145,035,868	5	0	5	1
Case 50	4	145,040,841	149,362,744	3	0	3	1
Case 50	4	149,379,537	149,447,366	2	0	2	1
Case 50	4	149,461,969	151,863,847	3	0	3	1
Case 50	4	151,880,765	151,918,331	1	0	1	0
Case 50	4	151,935,601	172,278,868	3	0	3	1
Case 50	4	172,311,051	172,338,748	1	0	1	0
Case 50	4	172,347,176	190,963,766	3	0	3	1
Case 50	5	38,139	1,115,240	3	1	4	0
Case 50	5	1,120,954	1,200,882	4	1	5	0
Case 50	5	1,201,599	2,902,999	3	1	4	0
Case 50	5	2,907,012	2,979,710	4	1	5	0
Case 50	5	2,981,865	3,800,097	3	1	4	0
Case 50	5	3,801,906	4,101,569	4	1	5	0
Case 50	5	4,104,155	4,269,803	3	1	4	0
Case 50	5	4,275,538	5,235,252	4	1	5	0
Case 50	5	5,235,264	6,826,269	3	1	4	0
Case 50	5	6,827,513	7,625,795	4	1	5	0
Case 50	5	7,629,191	7,893,006	3	1	4	0
Case 50	5	7,893,013	16,572,153	4	1	5	0
Case 50	5	16,572,211	16,732,052	3	1	4	0
Case 50	5	16,737,513	16,923,843	4	1	5	0
Case 50	5	16,924,422	17,276,986	3	1	4	0
Case 50	5	17,283,265	31,588,686	4	1	5	0
Case 50	5	31,589,480	31,769,180	3	1	4	0
Case 50	5	31,770,733	32,087,662	4	1	5	0
Case 50	5	32,087,771	32,263,407	3	1	4	0
Case 50	5	32,278,628	36,926,756	4	1	5	0
Case 50	5	36,927,652	37,007,629	3	1	4	0
Case 50	5	37,023,898	46,127,095	4	1	5	0
Case 50	5	46,128,475	46,399,093	3	1	4	0
Case 50	5	49,457,282	49,614,318	1	1	2	0
Case 50	5	49,624,236	103,685,244	2	1	3	0
Case 50	5	103,685,345	103,989,098	3	0	3	1
Case 50	5	103,994,246	104,169,727	2	0	2	1
Case 50	5	104,174,305	104,355,383	3	0	3	1
Case 50	5	104,356,452	104,356,452	3	1	4	0
Case 50	5	104,356,919	105,324,438	2	1	3	0
Case 50	5	105,350,426	124,285,289	3	1	4	0
Case 50	5	124,287,674	124,361,999	2	1	3	0
Case 50	5	124,365,967	139,930,736	3	1	4	0
Case 50	5	139,931,384	139,931,620	3	0	3	1
Case 50	5	139,931,629	139,931,644	1	0	1	0
Case 50	5	139,931,646	139,931,653	2	0	2	1
Case 50	5	139,931,655	139,931,740	3	0	3	1
Case 50	5	139,936,760	177,574,421	3	1	4	0
Case 50	5	177,574,594	177,640,813	2	1	3	0
Case 50	5	177,642,337	180,693,127	3	1	4	0
Case 50	6	108,666	2,012,739	3	0	3	1
Case 50	6	2,028,237	2,123,744	0	0	0	0
Case 50	6	2,139,450	53,427,397	3	0	3	1
Case 50	6	53,429,272	53,519,771	2	2	4	0

Case 50	6	53,519,772	55,714,563	3	2	5	0
Case 50	6	55,715,715	55,715,715	3	0	3	1
Case 50	6	55,716,160	58,752,089	3	1	4	0
Case 50	6	61,891,118	67,656,128	3	1	4	0
Case 50	6	67,660,858	67,666,442	2	2	4	0
Case 50	6	67,672,896	71,726,234	3	2	5	0
Case 50	6	71,729,002	73,109,948	2	2	4	0
Case 50	6	73,110,390	73,749,861	3	2	5	0
Case 50	6	73,749,874	74,123,695	2	2	4	0
Case 50	6	74,125,875	75,994,151	3	2	5	0
Case 50	6	75,994,198	76,063,329	2	2	4	0
Case 50	6	76,063,393	86,874,123	3	2	5	0
Case 50	6	86,874,355	89,317,670	2	2	4	0
Case 50	6	89,318,640	89,904,872	3	2	5	0
Case 50	6	89,905,239	90,695,766	2	2	4	0
Case 50	6	90,698,125	99,326,490	3	2	5	0
Case 50	6	99,328,430	99,665,178	2	2	4	0
Case 50	6	99,669,676	103,022,838	3	2	5	0
Case 50	6	103,028,147	103,146,074	2	2	4	0
Case 50	6	103,157,617	106,549,398	3	2	5	0
Case 50	6	106,552,031	106,601,936	2	2	4	0
Case 50	6	106,604,136	107,976,518	3	2	5	0
Case 50	6	107,976,756	108,201,868	2	2	4	0
Case 50	6	108,213,533	108,451,893	3	2	5	0
Case 50	6	108,454,437	108,859,593	2	2	4	0
Case 50	6	108,862,295	110,714,240	3	2	5	0
Case 50	6	110,714,316	110,936,144	2	2	4	0
Case 50	6	110,938,109	112,463,076	3	2	5	0
Case 50	6	112,463,333	112,510,818	2	2	4	0
Case 50	6	112,511,852	118,053,656	3	2	5	0
Case 50	6	118,063,402	118,437,378	2	2	4	0
Case 50	6	118,440,834	118,812,980	3	2	5	0
Case 50	6	118,819,212	119,137,445	2	2	4	0
Case 50	6	119,147,356	123,950,488	3	2	5	0
Case 50	6	123,955,723	124,150,232	3	0	3	1
Case 50	6	124,153,758	124,156,824	2	2	4	0
Case 50	6	124,159,438	130,617,329	3	2	5	0
Case 50	6	130,627,814	130,789,541	2	2	4	0
Case 50	6	130,789,807	131,189,874	3	2	5	0
Case 50	6	131,190,746	131,277,586	2	2	4	0
Case 50	6	131,278,669	135,005,295	3	2	5	0
Case 50	6	135,005,715	135,263,557	2	2	4	0
Case 50	6	135,263,603	136,552,492	3	2	5	0
Case 50	6	136,552,493	136,760,581	2	2	4	0
Case 50	6	136,765,459	137,332,551	3	2	5	0
Case 50	6	137,333,718	137,454,459	3	0	3	1
Case 50	6	137,462,218	137,464,218	2	2	4	0
Case 50	6	137,464,916	143,077,289	3	2	5	0
Case 50	6	143,080,039	143,095,682	2	2	4	0
Case 50	6	143,097,493	144,436,070	3	2	5	0
Case 50	6	144,444,514	144,699,731	3	0	3	1
Case 50	6	144,702,116	144,766,077	2	2	4	0
Case 50	6	144,768,755	144,937,933	3	2	5	0
Case 50	6	144,943,157	146,480,637	3	0	3	1
Case 50	6	146,480,705	146,488,167	2	2	4	0
Case 50	6	146,503,040	146,785,984	3	2	5	0
Case 50	6	146,794,697	147,723,577	3	0	3	1
Case 50	6	147,730,324	147,767,235	2	2	4	0
Case 50	6	147,780,366	148,242,514	3	2	5	0
Case 50	6	148,247,765	162,668,889	3	0	3	1
Case 50	6	162,671,390	162,733,752	0	0	0	0

Case 50	6	162,736,336	163,192,038	3	0	3	1
Case 50	6	163,201,379	163,280,204	0	0	0	0
Case 50	6	163,284,038	170,980,171	3	0	3	1
Case 50	7	44,935	2,748,717	2	2	4	0
Case 50	7	2,748,830	2,752,330	3	2	5	0
Case 50	7	2,752,346	3,284,594	2	2	4	0
Case 50	7	3,285,433	3,624,238	3	2	5	0
Case 50	7	3,627,799	4,824,629	2	2	4	0
Case 50	7	4,825,069	4,843,307	3	2	5	0
Case 50	7	4,843,335	7,040,500	2	2	4	0
Case 50	7	7,044,010	24,376,523	3	2	5	0
Case 50	7	24,378,040	24,537,240	2	2	4	0
Case 50	7	24,540,300	26,614,241	3	2	5	0
Case 50	7	26,615,293	26,695,215	2	2	4	0
Case 50	7	26,699,295	27,140,662	3	2	5	0
Case 50	7	27,140,670	27,223,563	2	2	4	0
Case 50	7	27,224,368	29,437,196	3	2	5	0
Case 50	7	29,438,109	29,606,425	2	2	4	0
Case 50	7	29,612,042	30,124,438	3	2	5	0
Case 50	7	30,125,924	30,198,899	2	2	4	0
Case 50	7	30,198,958	30,605,567	3	2	5	0
Case 50	7	30,616,761	31,333,947	2	2	4	0
Case 50	7	31,335,097	31,465,743	3	2	5	0
Case 50	7	31,466,377	31,862,768	2	2	4	0
Case 50	7	31,862,774	32,262,377	3	2	5	0
Case 50	7	32,263,161	32,415,383	2	2	4	0
Case 50	7	32,423,399	32,694,219	3	2	5	0
Case 50	7	32,711,465	32,955,265	2	2	4	0
Case 50	7	32,964,751	33,662,618	3	2	5	0
Case 50	7	33,667,314	34,167,361	2	2	4	0
Case 50	7	34,168,028	34,485,137	3	2	5	0
Case 50	7	34,493,607	36,338,762	2	2	4	0
Case 50	7	36,338,967	36,820,963	3	2	5	0
Case 50	7	36,823,940	37,005,260	2	2	4	0
Case 50	7	37,007,533	37,923,923	3	2	5	0
Case 50	7	37,924,000	38,229,107	2	2	4	0
Case 50	7	38,231,628	39,303,142	3	2	5	0
Case 50	7	39,304,125	39,880,053	2	2	4	0
Case 50	7	39,885,541	41,374,447	3	2	5	0
Case 50	7	41,375,616	46,261,209	2	2	4	0
Case 50	7	46,261,337	47,370,958	3	2	5	0
Case 50	7	47,374,770	48,100,016	2	2	4	0
Case 50	7	48,106,209	50,513,062	3	2	5	0
Case 50	7	50,513,088	51,987,979	2	2	4	0
Case 50	7	51,991,339	53,424,191	3	2	5	0
Case 50	7	53,427,973	53,970,911	2	2	4	0
Case 50	7	53,980,226	54,423,086	3	2	5	0
Case 50	7	54,430,725	54,646,788	2	2	4	0
Case 50	7	54,651,526	55,180,110	3	2	5	0
Case 50	7	55,181,442	58,019,061	2	2	4	0
Case 50	7	61,056,053	64,679,561	2	2	4	0
Case 50	7	64,696,330	65,202,326	3	2	5	0
Case 50	7	65,203,587	69,488,331	2	2	4	0
Case 50	7	69,505,703	69,783,020	3	0	3	1
Case 50	7	69,783,198	76,111,938	2	2	4	0
Case 50	7	76,112,299	77,663,486	3	2	5	0
Case 50	7	77,663,791	77,818,152	2	2	4	0
Case 50	7	77,821,780	88,962,700	3	2	5	0
Case 50	7	88,962,827	88,966,204	2	2	4	0
Case 50	7	88,969,883	97,595,215	3	2	5	0
Case 50	7	97,602,656	99,264,573	2	2	4	0

Case 50	7	99,266,318	99,473,714	3	2	5	0
Case 50	7	99,473,801	102,105,207	2	2	4	0
Case 50	7	102,105,234	104,400,165	3	2	5	0
Case 50	7	104,402,709	105,803,764	2	2	4	0
Case 50	7	105,807,547	106,398,153	3	2	5	0
Case 50	7	106,399,168	106,549,902	2	2	4	0
Case 50	7	106,556,805	117,227,832	3	2	5	0
Case 50	7	117,227,860	117,307,108	2	2	4	0
Case 50	7	117,307,487	127,185,250	3	2	5	0
Case 50	7	127,190,237	129,312,570	2	2	4	0
Case 50	7	129,321,191	129,915,016	3	2	5	0
Case 50	7	129,915,048	132,839,865	2	2	4	0
Case 50	7	132,849,038	133,915,760	3	2	5	0
Case 50	7	133,919,032	134,678,327	2	2	4	0
Case 50	7	134,678,463	134,851,604	3	2	5	0
Case 50	7	134,852,551	135,521,869	2	2	4	0
Case 50	7	135,522,547	136,340,237	3	2	5	0
Case 50	7	136,340,792	136,700,369	2	2	4	0
Case 50	7	136,700,385	137,374,693	3	2	5	0
Case 50	7	137,380,919	137,764,147	2	2	4	0
Case 50	7	137,767,051	138,304,579	3	2	5	0
Case 50	7	138,305,782	140,394,164	2	2	4	0
Case 50	7	140,394,527	140,970,382	3	2	5	0
Case 50	7	140,971,872	141,341,613	2	2	4	0
Case 50	7	141,348,813	141,464,029	3	2	5	0
Case 50	7	141,464,038	141,816,117	2	2	4	0
Case 50	7	141,817,070	142,515,811	3	2	5	0
Case 50	7	142,525,336	143,748,430	2	2	4	0
Case 50	7	143,752,228	146,046,444	3	2	5	0
Case 50	7	146,048,830	146,377,256	3	0	3	1
Case 50	7	146,378,140	146,378,140	2	2	4	0
Case 50	7	146,386,265	147,595,929	3	2	5	0
Case 50	7	147,597,251	149,394,446	2	2	4	0
Case 50	7	149,398,065	149,529,955	3	2	5	0
Case 50	7	149,529,962	151,845,129	2	2	4	0
Case 50	7	151,846,114	151,888,002	3	2	5	0
Case 50	7	151,896,365	159,119,486	2	2	4	0
Case 50	8	164,984	2,132,561	2	1	3	0
Case 50	8	2,133,338	2,391,471	3	1	4	0
Case 50	8	2,394,776	14,090,481	2	1	3	0
Case 50	8	14,091,774	14,148,298	1	1	2	0
Case 50	8	14,151,079	15,773,679	2	1	3	0
Case 50	8	15,774,587	15,795,560	1	1	2	0
Case 50	8	15,795,898	35,721,527	2	1	3	0
Case 50	8	35,734,227	43,791,691	3	1	4	0
Case 50	8	46,886,735	51,213,802	3	1	4	0
Case 50	8	51,227,228	51,227,777	1	1	2	0
Case 50	8	51,230,812	146,293,414	3	1	4	0
Case 50	9	46,587	357,653	4	1	5	0
Case 50	9	359,338	424,327	3	1	4	0
Case 50	9	424,875	680,540	4	1	5	0
Case 50	9	680,585	742,230	3	1	4	0
Case 50	9	742,350	969,044	4	1	5	0
Case 50	9	972,476	1,057,116	3	1	4	0
Case 50	9	1,057,256	8,255,691	4	1	5	0
Case 50	9	8,257,725	8,786,827	3	1	4	0
Case 50	9	8,787,733	8,922,467	2	1	3	0
Case 50	9	8,923,010	8,923,010	4	0	4	1
Case 50	9	8,923,351	8,926,956	3	0	3	1
Case 50	9	8,936,967	8,982,620	1	0	1	0
Case 50	9	8,984,469	9,119,349	2	0	2	1

Case 50	9	9,125,205	9,130,204	2	2	4	0
Case 50	9	9,133,196	9,184,911	3	0	3	1
Case 50	9	9,186,346	9,197,160	1	0	1	0
Case 50	9	9,197,298	9,322,503	2	0	2	1
Case 50	9	9,326,943	9,354,757	1	0	1	0
Case 50	9	9,357,065	9,380,781	2	0	2	1
Case 50	9	9,381,760	9,441,003	3	0	3	1
Case 50	9	9,442,794	9,442,794	3	1	4	0
Case 50	9	9,443,985	9,503,477	2	1	3	0
Case 50	9	9,503,941	9,506,433	3	0	3	1
Case 50	9	9,516,348	9,647,916	1	0	1	0
Case 50	9	9,649,668	9,649,668	3	0	3	1
Case 50	9	9,664,440	9,664,440	3	1	4	0
Case 50	9	9,667,071	10,395,912	2	1	3	0
Case 50	9	10,404,336	12,509,667	3	1	4	0
Case 50	9	12,510,515	14,908,056	2	1	3	0
Case 50	9	14,919,539	28,787,049	3	1	4	0
Case 50	9	28,793,773	28,867,478	3	0	3	1
Case 50	9	28,869,800	30,057,012	3	1	4	0
Case 50	9	30,064,199	30,064,199	3	0	3	1
Case 50	9	30,064,376	30,094,419	2	0	2	1
Case 50	9	30,101,419	30,222,006	1	0	1	0
Case 50	9	30,235,654	30,257,830	2	0	2	1
Case 50	9	30,260,156	30,260,156	3	0	3	1
Case 50	9	30,272,267	46,944,322	3	1	4	0
Case 50	9	65,629,772	73,167,783	3	1	4	0
Case 50	9	73,168,680	119,544,455	2	1	3	0
Case 50	9	119,546,021	119,546,021	4	0	4	1
Case 50	9	119,550,051	119,561,084	3	0	3	1
Case 50	9	119,564,014	119,649,615	2	0	2	1
Case 50	9	119,652,622	119,770,434	3	0	3	1
Case 50	9	119,770,480	128,546,359	2	1	3	0
Case 50	9	128,554,563	136,085,783	3	1	4	0
Case 50	9	136,086,916	136,131,415	2	2	4	0
Case 50	9	136,131,429	136,132,303	3	2	5	0
Case 50	9	136,132,633	136,184,526	2	2	4	0
Case 50	9	136,184,598	137,666,414	3	1	4	0
Case 50	9	137,670,002	137,858,418	2	1	3	0
Case 50	9	137,859,032	141,066,491	3	1	4	0
Case 50	10	98,087	39,097,912	3	1	4	0
Case 50	10	42,436,301	52,841,855	4	1	5	0
Case 50	10	52,842,146	52,842,575	3	1	4	0
Case 50	10	52,848,799	54,804,747	5	1	6	0
Case 50	10	54,807,938	70,636,836	4	1	5	0
Case 50	10	70,637,445	71,025,548	3	1	4	0
Case 50	10	71,026,433	71,091,013	4	1	5	0
Case 50	10	71,092,803	71,246,647	3	1	4	0
Case 50	10	71,247,667	71,389,673	4	1	5	0
Case 50	10	71,391,507	71,689,148	3	1	4	0
Case 50	10	71,689,645	71,862,654	4	1	5	0
Case 50	10	71,866,161	73,826,849	3	1	4	0
Case 50	10	73,827,371	74,923,562	4	1	5	0
Case 50	10	74,923,670	75,705,977	3	1	4	0
Case 50	10	75,708,906	76,071,203	4	1	5	0
Case 50	10	76,074,489	76,074,489	3	1	4	0
Case 50	10	76,089,182	76,089,182	3	0	3	1
Case 50	10	76,092,691	76,373,904	1	0	1	0
Case 50	10	76,400,262	76,400,262	3	0	3	1
Case 50	10	76,401,365	76,403,131	3	1	4	0
Case 50	10	76,415,509	79,479,119	4	1	5	0
Case 50	10	79,489,015	82,049,332	3	1	4	0

Case 50	10	82,054,873	85,915,186	4	1	5	0
Case 50	10	85,920,085	85,970,853	3	1	4	0
Case 50	10	85,970,910	87,715,434	4	1	5	0
Case 50	10	87,717,641	88,181,002	3	1	4	0
Case 50	10	88,193,911	94,822,350	4	1	5	0
Case 50	10	94,822,580	94,841,988	3	1	4	0
Case 50	10	94,842,477	95,063,196	4	1	5	0
Case 50	10	95,064,137	95,348,905	3	1	4	0
Case 50	10	95,350,116	97,020,612	4	1	5	0
Case 50	10	97,021,389	97,101,103	3	1	4	0
Case 50	10	97,101,142	98,625,174	4	1	5	0
Case 50	10	98,639,846	99,527,573	3	1	4	0
Case 50	10	99,527,653	99,654,624	4	1	5	0
Case 50	10	99,655,020	100,016,572	3	1	4	0
Case 50	10	100,016,632	100,127,551	4	1	5	0
Case 50	10	100,131,458	100,240,305	3	1	4	0
Case 50	10	100,240,334	101,458,294	4	1	5	0
Case 50	10	101,458,358	103,031,132	3	1	4	0
Case 50	10	103,032,109	103,294,560	4	1	5	0
Case 50	10	103,294,635	103,606,122	3	1	4	0
Case 50	10	103,606,736	103,825,772	4	1	5	0
Case 50	10	103,825,926	104,853,577	3	1	4	0
Case 50	10	104,855,656	105,141,551	4	1	5	0
Case 50	10	105,147,067	105,581,265	3	1	4	0
Case 50	10	105,583,030	115,336,758	4	1	5	0
Case 50	10	115,336,912	115,393,948	3	1	4	0
Case 50	10	115,400,044	117,870,680	4	1	5	0
Case 50	10	117,877,793	118,122,065	3	1	4	0
Case 50	10	118,123,862	118,299,317	4	1	5	0
Case 50	10	118,302,036	119,613,089	3	1	4	0
Case 50	10	119,613,610	120,447,437	4	1	5	0
Case 50	10	120,448,570	121,685,740	3	1	4	0
Case 50	10	121,686,097	123,843,357	4	1	5	0
Case 50	10	123,843,379	124,457,969	3	1	4	0
Case 50	10	124,458,854	125,030,886	4	1	5	0
Case 50	10	125,031,183	127,703,110	3	1	4	0
Case 50	10	127,705,404	127,764,957	4	1	5	0
Case 50	10	127,768,110	127,877,248	3	1	4	0
Case 50	10	127,877,272	128,103,811	4	1	5	0
Case 50	10	128,107,981	128,227,329	3	1	4	0
Case 50	10	128,229,313	128,529,658	4	1	5	0
Case 50	10	128,530,796	129,267,759	3	1	4	0
Case 50	10	129,268,527	129,796,246	4	1	5	0
Case 50	10	129,796,530	129,914,199	3	1	4	0
Case 50	10	129,914,272	130,154,533	4	1	5	0
Case 50	10	130,154,648	135,477,883	3	1	4	0
Case 50	11	193,146	1,015,915	4	0	4	1
Case 50	11	1,016,238	1,020,722	3	0	3	1
Case 50	11	1,021,245	3,938,385	4	0	4	1
Case 50	11	3,948,894	4,238,930	5	0	5	1
Case 50	11	4,309,990	4,471,469	4	0	4	1
Case 50	11	4,471,473	4,550,729	5	0	5	1
Case 50	11	4,552,102	6,977,031	4	0	4	1
Case 50	11	6,977,070	7,434,147	5	0	5	1
Case 50	11	7,435,295	7,702,063	4	0	4	1
Case 50	11	7,707,101	7,715,253	5	0	5	1
Case 50	11	7,716,305	8,194,592	4	0	4	1
Case 50	11	8,196,203	8,646,537	5	0	5	1
Case 50	11	8,646,670	8,751,746	4	0	4	1
Case 50	11	8,751,889	8,936,460	5	0	5	1
Case 50	11	8,938,853	9,285,476	4	0	4	1



Case 50	11	9,286,536	11,343,477	5	0	5	1
Case 50	11	11,345,579	11,398,285	4	0	4	1
Case 50	11	11,398,347	17,409,572	5	0	5	1
Case 50	11	17,409,602	17,548,878	4	0	4	1
Case 50	11	17,549,409	17,775,799	5	0	5	1
Case 50	11	17,790,227	17,882,589	4	0	4	1
Case 50	11	17,883,386	18,097,481	5	0	5	1
Case 50	11	18,102,014	18,424,407	4	0	4	1
Case 50	11	18,425,256	18,632,984	5	0	5	1
Case 50	11	18,633,897	18,804,934	4	0	4	1
Case 50	11	18,808,355	19,203,165	5	0	5	1
Case 50	11	19,204,263	19,477,447	4	0	4	1
Case 50	11	19,481,773	19,952,664	5	0	5	1
Case 50	11	19,953,089	20,202,134	4	0	4	1
Case 50	11	20,205,484	20,623,090	5	0	5	1
Case 50	11	20,623,171	20,681,572	4	0	4	1
Case 50	11	20,690,377	20,976,029	5	0	5	1
Case 50	11	20,978,633	34,753,747	3	0	3	1
Case 50	11	34,757,447	34,895,100	5	0	5	1
Case 50	11	34,902,135	50,325,741	3	0	3	1
Case 50	11	50,332,064	50,697,498	2	0	2	1
Case 50	11	51,095,992	51,591,253	3	0	3	1
Case 50	11	54,794,237	67,797,710	3	0	3	1
Case 50	11	67,798,156	116,423,307	4	0	4	1
Case 50	11	116,426,640	131,366,138	3	0	3	1
Case 50	11	131,368,641	132,314,476	2	0	2	1
Case 50	11	132,314,776	134,934,063	3	0	3	1
Case 50	12	191,619	7,126,079	2	0	2	1
Case 50	12	7,162,598	14,582,840	3	0	3	1
Case 50	12	14,587,301	14,593,902	1	0	1	0
Case 50	12	14,607,142	34,375,830	3	0	3	1
Case 50	12	34,387,092	34,853,011	2	0	2	1
Case 50	12	37,876,400	38,416,139	2	0	2	1
Case 50	12	38,424,982	99,830,822	3	0	3	1
Case 50	12	99,837,070	99,896,332	2	0	2	1
Case 50	12	99,898,304	99,957,020	1	0	1	0
Case 50	12	99,960,522	133,810,935	3	0	3	1
Case 50	13	19,058,717	19,523,899	4	0	4	1
Case 50	13	19,527,206	20,749,239	5	0	5	1
Case 50	13	20,750,106	20,763,710	4	0	4	1
Case 50	13	20,767,957	21,728,945	5	0	5	1
Case 50	13	21,729,226	21,751,164	4	0	4	1
Case 50	13	21,751,209	25,659,182	5	0	5	1
Case 50	13	25,660,186	25,786,848	4	0	4	1
Case 50	13	25,788,586	29,532,501	5	0	5	1
Case 50	13	29,533,453	29,618,468	4	0	4	1
Case 50	13	29,623,790	30,471,289	5	0	5	1
Case 50	13	30,475,332	30,620,776	4	0	4	1
Case 50	13	30,621,058	36,048,667	5	0	5	1
Case 50	13	36,049,456	36,194,422	4	0	4	1
Case 50	13	36,195,311	52,518,387	5	0	5	1
Case 50	13	52,520,502	52,646,153	4	0	4	1
Case 50	13	52,646,203	98,926,466	5	0	5	1
Case 50	13	98,927,468	99,237,843	4	0	4	1
Case 50	13	99,238,580	99,358,411	5	0	5	1
Case 50	13	99,358,478	99,384,561	4	0	4	1
Case 50	13	99,384,598	105,738,103	5	0	5	1
Case 50	13	105,738,427	106,098,389	6	0	6	1
Case 50	13	106,110,385	106,583,540	5	0	5	1
Case 50	13	106,586,890	115,103,529	4	0	4	1
Case 50	14	19,280,733	22,536,550	3	0	3	1

Case 50	14	22,538,661	22,957,171	4	0	4	1
Case 50	14	22,957,488	40,913,662	3	0	3	1
Case 50	14	40,917,243	40,950,184	2	0	2	1
Case 50	14	40,957,195	43,763,264	3	0	3	1
Case 50	14	43,773,651	43,836,526	1	0	1	0
Case 50	14	43,854,103	45,431,637	3	0	3	1
Case 50	14	45,431,698	45,473,265	2	0	2	1
Case 50	14	45,473,543	45,540,866	1	0	1	0
Case 50	14	45,542,529	45,604,404	2	0	2	1
Case 50	14	45,605,287	45,606,290	3	0	3	1
Case 50	14	45,606,301	45,693,307	1	0	1	0
Case 50	14	45,693,341	107,287,663	3	0	3	1
Case 50	15	20,034,919	22,368,901	3	0	3	1
Case 50	15	22,368,918	22,427,966	1	0	1	0
Case 50	15	22,652,330	22,750,305	3	0	3	1
Case 50	15	22,753,733	41,145,816	4	0	4	1
Case 50	15	41,145,919	41,188,287	3	0	3	1
Case 50	15	41,190,055	102,461,162	4	0	4	1
Case 50	16	88,165	705,360	2	0	2	1
Case 50	16	705,587	711,669	1	0	1	0
Case 50	16	711,698	825,663	2	0	2	1
Case 50	16	828,760	830,250	1	0	1	0
Case 50	16	830,612	1,271,987	2	0	2	1
Case 50	16	1,272,038	1,273,549	1	0	1	0
Case 50	16	1,273,562	1,537,458	2	0	2	1
Case 50	16	1,537,647	1,537,874	1	0	1	0
Case 50	16	1,537,884	1,841,271	2	0	2	1
Case 50	16	1,841,389	1,842,516	1	0	1	0
Case 50	16	1,849,916	1,889,645	2	0	2	1
Case 50	16	1,889,714	1,934,183	1	0	1	0
Case 50	16	1,943,418	2,814,940	2	0	2	1
Case 50	16	2,814,950	2,816,861	3	0	3	1
Case 50	16	2,816,885	3,166,547	2	0	2	1
Case 50	16	3,170,210	3,194,616	1	0	1	0
Case 50	16	3,194,830	6,272,049	2	0	2	1
Case 50	16	6,275,531	6,328,922	0	0	0	0
Case 50	16	6,336,737	6,412,639	2	0	2	1
Case 50	16	6,412,803	6,462,231	0	0	0	0
Case 50	16	6,471,647	6,678,811	2	0	2	1
Case 50	16	6,681,184	6,719,893	0	0	0	0
Case 50	16	6,721,013	6,876,458	2	0	2	1
Case 50	16	6,876,984	6,899,804	1	0	1	0
Case 50	16	6,899,890	6,899,890	2	0	2	1
Case 50	16	6,900,547	6,970,380	0	0	0	0
Case 50	16	6,972,216	7,021,004	2	0	2	1
Case 50	16	7,030,309	7,282,505	0	0	0	0
Case 50	16	7,283,180	10,499,331	2	0	2	1
Case 50	16	10,524,165	10,554,207	1	0	1	0
Case 50	16	10,554,794	11,864,032	2	0	2	1
Case 50	16	11,864,657	11,872,400	1	0	1	0
Case 50	16	11,873,156	17,153,086	2	0	2	1
Case 50	16	17,157,228	30,435,651	3	0	3	1
Case 50	16	30,438,930	30,803,299	4	0	4	1
Case 50	16	30,809,063	35,285,582	3	0	3	1
Case 50	16	46,450,037	70,843,712	3	0	3	1
Case 50	16	70,843,909	71,196,543	3	1	4	0
Case 50	16	71,206,836	78,546,225	3	0	3	1
Case 50	16	78,548,574	78,631,794	0	0	0	0
Case 50	16	78,635,193	78,665,808	3	0	3	1
Case 50	16	78,668,208	78,693,758	0	0	0	0
Case 50	16	78,696,257	78,849,375	3	0	3	1

Case 50	16	78,854,228	78,857,596	1	0	1	0
Case 50	16	78,858,359	78,858,359	2	0	2	1
Case 50	16	78,859,405	78,903,101	0	0	0	0
Case 50	16	78,911,101	81,095,072	3	0	3	1
Case 50	16	81,095,077	81,095,091	1	0	1	0
Case 50	16	81,095,100	90,274,695	3	0	3	1
Case 50	17	11,885	21,785,239	3	0	3	1
Case 50	17	21,798,506	22,242,355	2	2	4	0
Case 50	17	25,268,142	25,335,214	2	2	4	0
Case 50	17	25,346,692	28,075,046	3	1	4	0
Case 50	17	28,104,306	29,114,463	4	1	5	0
Case 50	17	29,120,588	29,147,164	3	1	4	0
Case 50	17	29,158,515	70,346,967	2	1	3	0
Case 50	17	70,355,300	70,445,988	3	1	4	0
Case 50	17	70,451,829	81,060,040	2	1	3	0
Case 50	18	87,505	15,375,878	3	0	3	1
Case 50	18	18,520,354	47,818,688	3	0	3	1
Case 50	18	47,819,568	48,946,926	2	0	2	1
Case 50	18	48,948,604	78,015,180	3	0	3	1
Case 50	19	260,912	288,738	3	0	3	1
Case 50	19	292,082	504,948	2	2	4	0
Case 50	19	506,712	1,099,701	3	0	3	1
Case 50	19	1,101,992	1,127,876	2	0	2	1
Case 50	19	1,132,637	12,059,352	3	0	3	1
Case 50	19	12,059,467	12,084,508	2	0	2	1
Case 50	19	12,088,221	20,809,176	3	0	3	1
Case 50	19	20,826,692	20,835,290	2	2	4	0
Case 50	19	20,842,765	21,606,230	3	2	5	0
Case 50	19	21,607,043	24,629,285	2	2	4	0
Case 50	19	27,732,159	27,801,814	2	2	4	0
Case 50	19	27,828,664	30,007,635	3	2	5	0
Case 50	19	30,024,773	31,342,912	4	2	6	0
Case 50	19	31,350,366	32,435,348	3	2	5	0
Case 50	19	32,439,327	32,604,064	4	0	4	1
Case 50	19	32,604,570	32,605,173	3	0	3	1
Case 50	19	32,608,345	32,608,345	2	2	4	0
Case 50	19	32,611,716	36,825,458	3	2	5	0
Case 50	19	36,828,217	37,634,291	3	3	6	0
Case 50	19	37,639,701	54,722,230	4	0	4	1
Case 50	19	54,722,668	54,722,700	3	0	3	1
Case 50	19	54,731,679	54,740,720	0	0	0	0
Case 50	19	54,742,861	54,749,011	3	0	3	1
Case 50	19	54,753,543	58,426,609	4	0	4	1
Case 50	19	58,428,153	58,453,958	3	0	3	1
Case 50	19	58,453,986	59,097,160	4	0	4	1
Case 50	20	63,244	76,978	2	2	4	0
Case 50	20	80,655	168,241	3	2	5	0
Case 50	20	168,558	3,565,356	2	2	4	0
Case 50	20	3,571,908	3,678,669	3	2	5	0
Case 50	20	3,678,749	4,263,591	2	2	4	0
Case 50	20	4,272,499	4,378,871	3	2	5	0
Case 50	20	4,379,086	4,771,233	2	2	4	0
Case 50	20	4,773,214	7,262,606	3	1	4	0
Case 50	20	7,271,214	7,283,182	2	2	4	0
Case 50	20	7,288,480	10,102,530	3	2	5	0
Case 50	20	10,106,429	10,277,621	2	2	4	0
Case 50	20	10,279,560	10,562,658	3	2	5	0
Case 50	20	10,575,952	10,653,654	2	2	4	0
Case 50	20	10,656,087	14,169,136	3	2	5	0
Case 50	20	14,172,443	14,671,202	2	2	4	0
Case 50	20	14,672,177	14,702,391	3	0	3	1

Case 50	20	14,705,888	14,853,050	2	0	2	1
Case 50	20	14,858,910	14,923,390	0	0	0	0
Case 50	20	14,925,275	14,965,823	2	0	2	1
Case 50	20	14,968,542	15,031,044	1	0	1	0
Case 50	20	15,037,065	15,161,670	2	0	2	1
Case 50	20	15,163,265	15,219,500	3	0	3	1
Case 50	20	15,223,632	15,526,582	3	1	4	0
Case 50	20	15,527,445	15,539,122	2	2	4	0
Case 50	20	15,543,368	16,337,046	3	2	5	0
Case 50	20	16,347,642	16,568,129	2	2	4	0
Case 50	20	16,570,934	17,631,573	3	2	5	0
Case 50	20	17,633,683	17,773,838	2	2	4	0
Case 50	20	17,774,572	17,883,295	3	2	5	0
Case 50	20	17,883,653	18,022,362	2	2	4	0
Case 50	20	18,024,047	18,491,675	3	2	5	0
Case 50	20	18,491,700	19,063,431	2	2	4	0
Case 50	20	19,068,121	19,414,399	3	2	5	0
Case 50	20	19,416,767	19,668,211	2	2	4	0
Case 50	20	19,670,344	19,818,640	3	2	5	0
Case 50	20	19,820,703	20,033,172	2	2	4	0
Case 50	20	20,033,198	21,028,015	3	2	5	0
Case 50	20	21,035,212	21,195,214	2	2	4	0
Case 50	20	21,203,859	23,028,659	3	2	5	0
Case 50	20	23,028,686	26,293,985	2	2	4	0
Case 50	20	29,425,357	34,075,998	2	2	4	0
Case 50	20	34,078,517	34,092,739	3	2	5	0
Case 50	20	34,092,808	37,001,771	2	2	4	0
Case 50	20	37,002,589	37,202,908	3	2	5	0
Case 50	20	37,203,537	38,582,345	2	2	4	0
Case 50	20	38,582,665	39,128,578	3	2	5	0
Case 50	20	39,131,200	39,977,512	2	2	4	0
Case 50	20	39,977,742	40,045,231	3	2	5	0
Case 50	20	40,045,257	43,561,803	2	2	4	0
Case 50	20	43,565,288	43,836,016	3	2	5	0
Case 50	20	43,836,062	47,648,590	2	2	4	0
Case 50	20	47,652,338	47,713,932	3	2	5	0
Case 50	20	47,716,451	50,445,716	2	2	4	0
Case 50	20	50,446,692	51,850,594	3	2	5	0
Case 50	20	51,851,473	52,232,673	2	2	4	0
Case 50	20	52,240,212	52,771,261	3	2	5	0
Case 50	20	52,772,741	52,814,015	2	2	4	0
Case 50	20	52,814,510	54,452,716	3	2	5	0
Case 50	20	54,457,983	58,032,850	2	2	4	0
Case 50	20	58,038,808	58,118,612	3	2	5	0
Case 50	20	58,123,049	58,436,963	2	2	4	0
Case 50	20	58,440,630	58,496,439	3	2	5	0
Case 50	20	58,500,453	62,948,788	2	2	4	0
Case 50	21	10,827,533	10,971,337	3	1	4	0
Case 50	21	14,368,320	14,368,320	3	1	4	0
Case 50	21	14,613,203	20,722,633	2	1	3	0
Case 50	21	20,723,448	20,754,462	1	1	2	0
Case 50	21	20,759,787	21,881,155	2	1	3	0
Case 50	21	21,884,955	21,991,832	1	1	2	0
Case 50	21	21,993,743	23,862,316	2	1	3	0
Case 50	21	23,873,434	23,984,543	1	1	2	0
Case 50	21	23,986,788	24,696,254	2	1	3	0
Case 50	21	24,696,533	24,729,963	1	1	2	0
Case 50	21	24,735,523	43,967,126	2	1	3	0
Case 50	21	43,970,875	43,984,848	3	1	4	0
Case 50	21	43,984,901	48,100,155	2	1	3	0
Case 50	22	16,114,244	51,195,728	4	0	4	1

Case 52	1	82,154	120,111,002	1	0	1	0
Case 52	1	120,115,384	120,145,883	4	0	4	1
Case 52	1	120,150,949	121,346,616	1	0	1	0
Case 52	1	142,649,718	177,558,449	1	0	1	0
Case 52	1	177,560,435	177,783,670	1	1	2	0
Case 52	1	177,784,137	249,218,992	1	0	1	0
Case 52	2	18,674	92,081,640	1	0	1	0
Case 52	2	95,429,424	243,048,760	1	0	1	0
Case 52	3	61,495	90,442,925	1	0	1	0
Case 52	3	93,537,290	197,838,262	1	0	1	0
Case 52	4	71,566	8,872,977	1	0	1	0
Case 52	4	9,371,116	9,470,222	4	0	4	1
Case 52	4	9,485,300	10,105,567	1	0	1	0
Case 52	4	10,105,739	10,286,082	1	1	2	0
Case 52	4	10,296,298	49,620,898	1	0	1	0
Case 52	4	52,697,856	167,079,178	1	0	1	0
Case 52	4	167,079,944	167,540,460	2	0	2	1
Case 52	4	167,547,429	169,394,314	1	0	1	0
Case 52	4	169,394,695	170,190,188	1	1	2	0
Case 52	4	170,198,039	170,737,119	1	0	1	0
Case 52	4	170,740,266	171,654,737	1	1	2	0
Case 52	4	171,663,745	171,673,765	1	0	1	0
Case 52	4	171,680,223	172,406,840	2	0	2	1
Case 52	4	172,416,533	190,963,766	1	0	1	0
Case 52	5	38,139	46,399,093	1	0	1	0
Case 52	5	49,457,282	180,431,750	1	0	1	0
Case 52	5	180,432,024	180,527,455	4	0	4	1
Case 52	5	180,532,990	180,693,127	1	0	1	0
Case 52	6	108,666	33,049,384	1	0	1	0
Case 52	6	33,050,279	33,057,176	1	1	2	0
Case 52	6	33,057,198	58,752,089	1	0	1	0
Case 52	6	61,891,118	162,571,263	1	0	1	0
Case 52	6	162,577,258	162,632,171	0	0	0	0
Case 52	6	162,633,118	170,980,171	1	0	1	0
Case 52	7	44,935	9,944,175	1	0	1	0
Case 52	7	9,944,520	10,093,255	2	0	2	1
Case 52	7	10,093,480	10,327,371	1	0	1	0
Case 52	7	10,337,280	10,904,755	2	0	2	1
Case 52	7	10,910,808	16,808,472	1	0	1	0
Case 52	7	16,811,167	16,900,123	1	1	2	0
Case 52	7	16,900,195	17,514,416	1	0	1	0
Case 52	7	17,514,653	17,786,633	2	0	2	1
Case 52	7	17,794,682	31,692,357	1	0	1	0
Case 52	7	31,692,409	31,869,225	1	1	2	0
Case 52	7	31,869,408	38,292,663	1	0	1	0
Case 52	7	38,297,145	38,383,243	2	0	2	1
Case 52	7	38,385,938	46,066,152	1	0	1	0
Case 52	7	46,066,786	46,226,952	1	1	2	0
Case 52	7	46,233,664	58,019,061	1	0	1	0
Case 52	7	61,056,053	66,954,325	1	0	1	0
Case 52	7	66,954,848	67,093,692	1	1	2	0
Case 52	7	67,093,906	80,599,142	1	0	1	0
Case 52	7	80,599,357	80,729,400	2	0	2	1
Case 52	7	80,739,951	81,923,913	1	0	1	0
Case 52	7	81,924,035	82,193,853	2	0	2	1
Case 52	7	82,193,993	111,629,366	1	0	1	0
Case 52	7	111,630,024	111,782,891	2	0	2	1
Case 52	7	111,783,764	136,715,254	1	0	1	0
Case 52	7	136,715,603	136,933,042	2	0	2	1
Case 52	7	136,935,459	159,119,486	1	0	1	0
Case 52	8	164,984	4,574,531	1	0	1	0

Case 52	8	4,577,681	4,835,344	2	0	2	1
Case 52	8	4,838,022	5,939,849	1	0	1	0
Case 52	8	5,940,561	6,945,876	2	0	2	1
Case 52	8	6,974,050	8,234,192	1	0	1	0
Case 52	8	8,234,219	9,197,585	2	0	2	1
Case 52	8	9,197,622	10,091,194	1	0	1	0
Case 52	8	10,093,228	10,464,692	2	0	2	1
Case 52	8	10,464,706	13,259,100	1	0	1	0
Case 52	8	13,259,865	14,494,946	2	0	2	1
Case 52	8	14,500,655	15,284,720	1	0	1	0
Case 52	8	15,289,066	15,644,559	2	0	2	1
Case 52	8	15,644,927	18,246,664	1	0	1	0
Case 52	8	18,246,696	18,652,812	2	0	2	1
Case 52	8	18,653,742	18,853,687	1	0	1	0
Case 52	8	18,853,940	18,962,643	1	1	2	0
Case 52	8	18,963,623	20,857,659	1	0	1	0
Case 52	8	20,858,217	21,051,235	1	1	2	0
Case 52	8	21,053,295	21,473,209	1	0	1	0
Case 52	8	21,474,049	21,699,960	1	1	2	0
Case 52	8	21,701,375	23,439,308	1	0	1	0
Case 52	8	23,440,655	24,772,143	1	1	2	0
Case 52	8	24,772,189	29,300,685	1	0	1	0
Case 52	8	29,303,526	29,894,450	1	1	2	0
Case 52	8	29,905,051	31,258,539	1	0	1	0
Case 52	8	31,261,439	31,936,552	1	1	2	0
Case 52	8	31,941,211	32,520,472	1	0	1	0
Case 52	8	32,524,451	32,615,098	1	1	2	0
Case 52	8	32,617,714	34,004,175	1	0	1	0
Case 52	8	34,005,746	34,631,702	1	1	2	0
Case 52	8	34,636,144	36,827,102	1	0	1	0
Case 52	8	36,834,333	37,462,419	1	1	2	0
Case 52	8	37,469,049	43,791,691	1	0	1	0
Case 52	8	46,886,735	51,483,551	1	0	1	0
Case 52	8	51,486,840	52,226,018	1	1	2	0
Case 52	8	52,231,952	57,926,726	1	0	1	0
Case 52	8	57,942,358	59,884,719	1	1	2	0
Case 52	8	59,887,499	60,215,990	1	0	1	0
Case 52	8	60,218,207	63,848,556	1	1	2	0
Case 52	8	63,857,960	64,148,307	1	0	1	0
Case 52	8	64,168,483	65,387,467	1	1	2	0
Case 52	8	65,392,030	65,617,660	1	0	1	0
Case 52	8	65,618,273	66,392,336	2	0	2	1
Case 52	8	66,394,344	69,552,619	1	0	1	0
Case 52	8	69,552,683	70,446,384	1	1	2	0
Case 52	8	70,447,058	72,684,401	1	0	1	0
Case 52	8	72,685,824	73,663,170	1	1	2	0
Case 52	8	73,665,740	75,099,653	1	0	1	0
Case 52	8	75,101,074	75,916,686	1	1	2	0
Case 52	8	75,922,589	77,287,631	1	0	1	0
Case 52	8	77,297,117	77,760,070	1	1	2	0
Case 52	8	77,760,079	79,664,483	1	0	1	0
Case 52	8	79,670,387	80,783,998	1	1	2	0
Case 52	8	80,785,374	88,930,662	1	0	1	0
Case 52	8	88,934,441	89,232,797	1	1	2	0
Case 52	8	89,246,009	90,158,554	1	0	1	0
Case 52	8	90,161,392	90,881,937	1	1	2	0
Case 52	8	90,886,015	91,214,786	1	0	1	0
Case 52	8	91,222,654	92,896,491	1	1	2	0
Case 52	8	92,909,705	94,170,598	1	0	1	0
Case 52	8	94,174,117	95,262,253	1	1	2	0
Case 52	8	95,262,626	96,141,850	1	0	1	0

Case 52	8	96,145,419	96,934,769	2	0	2	1
Case 52	8	96,935,794	96,988,158	1	0	1	0
Case 52	8	96,988,274	97,234,255	1	1	2	0
Case 52	8	97,244,011	97,510,132	1	0	1	0
Case 52	8	97,512,221	97,614,661	1	1	2	0
Case 52	8	97,615,235	102,678,972	1	0	1	0
Case 52	8	102,679,216	103,200,036	1	1	2	0
Case 52	8	103,200,321	104,121,210	1	0	1	0
Case 52	8	104,121,274	104,287,845	1	1	2	0
Case 52	8	104,290,148	105,633,850	1	0	1	0
Case 52	8	105,635,003	106,113,818	1	1	2	0
Case 52	8	106,115,172	107,392,965	1	0	1	0
Case 52	8	107,395,988	108,403,482	2	0	2	1
Case 52	8	108,407,313	109,395,713	1	0	1	0
Case 52	8	109,396,626	110,376,861	1	1	2	0
Case 52	8	110,380,421	114,730,266	1	0	1	0
Case 52	8	114,731,745	115,097,202	1	1	2	0
Case 52	8	115,101,787	115,976,488	1	0	1	0
Case 52	8	115,983,884	117,073,654	1	1	2	0
Case 52	8	117,077,882	117,578,764	1	0	1	0
Case 52	8	117,584,829	117,635,577	2	0	2	1
Case 52	8	117,636,863	117,673,915	1	0	1	0
Case 52	8	117,681,031	118,076,115	1	1	2	0
Case 52	8	118,078,696	118,847,730	1	0	1	0
Case 52	8	118,847,781	120,020,863	1	1	2	0
Case 52	8	120,022,549	121,715,079	1	0	1	0
Case 52	8	121,718,491	123,938,552	1	1	2	0
Case 52	8	123,938,787	124,473,238	1	0	1	0
Case 52	8	124,473,894	124,718,333	1	1	2	0
Case 52	8	124,723,631	125,681,849	1	0	1	0
Case 52	8	125,682,525	125,987,907	1	1	2	0
Case 52	8	125,988,688	126,419,188	1	0	1	0
Case 52	8	126,426,386	126,763,557	4	0	4	1
Case 52	8	126,765,322	126,799,011	1	0	1	0
Case 52	8	126,802,262	127,366,340	2	0	2	1
Case 52	8	127,368,518	127,664,807	4	0	4	1
Case 52	8	127,665,272	128,114,710	6	0	6	1
Case 52	8	128,116,500	129,343,201	4	0	4	1
Case 52	8	129,351,485	129,351,485	1	0	1	0
Case 52	8	129,371,875	130,250,443	1	1	2	0
Case 52	8	130,251,745	132,132,160	1	0	1	0
Case 52	8	132,144,401	133,573,057	1	1	2	0
Case 52	8	133,573,931	134,071,833	1	0	1	0
Case 52	8	134,072,272	134,948,065	1	1	2	0
Case 52	8	134,953,726	135,847,101	1	0	1	0
Case 52	8	135,847,442	137,013,447	1	1	2	0
Case 52	8	137,016,128	137,351,689	1	0	1	0
Case 52	8	137,353,807	138,222,987	1	1	2	0
Case 52	8	138,223,632	138,562,411	1	0	1	0
Case 52	8	138,567,221	138,915,665	1	1	2	0
Case 52	8	138,915,718	139,165,139	1	0	1	0
Case 52	8	139,165,177	139,282,109	1	1	2	0
Case 52	8	139,286,075	140,337,281	1	0	1	0
Case 52	8	140,340,558	141,104,817	1	1	2	0
Case 52	8	141,105,774	142,566,426	1	0	1	0
Case 52	8	142,566,820	143,071,927	1	1	2	0
Case 52	8	143,072,068	143,846,046	1	0	1	0
Case 52	8	143,846,525	144,312,990	1	1	2	0
Case 52	8	144,315,939	144,438,516	1	0	1	0
Case 52	8	144,446,285	144,643,548	1	1	2	0
Case 52	8	144,643,575	145,541,227	1	0	1	0

Case 52	8	145,541,623	145,722,624	1	1	2	0
Case 52	8	145,724,275	146,293,414	1	0	1	0
Case 52	9	46,587	46,944,322	1	0	1	0
Case 52	9	65,629,772	141,066,491	1	0	1	0
Case 52	10	98,087	39,097,912	1	0	1	0
Case 52	10	42,436,301	46,965,803	1	0	1	0
Case 52	10	46,965,833	47,087,244	1	1	2	0
Case 52	10	47,087,390	135,477,883	1	0	1	0
Case 52	11	193,146	51,591,253	1	0	1	0
Case 52	11	54,794,237	134,934,063	1	0	1	0
Case 52	12	191,619	1,272,363	1	0	1	0
Case 52	12	1,278,676	1,590,069	4	0	4	1
Case 52	12	1,590,758	34,853,011	1	0	1	0
Case 52	12	37,876,400	133,810,935	1	0	1	0
Case 52	13	19,058,717	115,103,529	1	0	1	0
Case 52	14	19,280,733	22,433,866	1	0	1	0
Case 52	14	22,434,423	22,957,900	1	1	2	0
Case 52	14	22,959,592	107,287,663	1	0	1	0
Case 52	15	20,034,919	102,461,162	1	0	1	0
Case 52	16	88,165	35,285,582	1	0	1	0
Case 52	16	46,450,037	90,274,695	1	0	1	0
Case 52	17	11,885	22,242,355	1	0	1	0
Case 52	17	25,268,142	34,436,708	1	0	1	0
Case 52	17	34,443,811	34,476,396	4	0	4	1
Case 52	17	34,597,521	39,041,052	1	0	1	0
Case 52	17	39,041,107	39,096,618	2	0	2	1
Case 52	17	39,114,897	39,738,761	1	0	1	0
Case 52	17	39,739,363	40,070,029	2	0	2	1
Case 52	17	40,070,098	81,060,040	1	0	1	0
Case 52	18	87,505	15,375,878	1	0	1	0
Case 52	18	18,520,354	78,015,180	1	0	1	0
Case 52	19	260,912	11,916,890	1	0	1	0
Case 52	19	11,916,914	12,577,302	0	0	0	0
Case 52	19	12,581,063	24,629,285	1	0	1	0
Case 52	19	27,732,159	37,331,614	1	0	1	0
Case 52	19	37,346,826	38,160,742	0	0	0	0
Case 52	19	38,160,893	59,097,160	1	0	1	0
Case 52	20	63,244	26,293,985	1	0	1	0
Case 52	20	29,425,357	62,948,788	1	0	1	0
Case 52	21	10,827,533	10,971,337	1	0	1	0
Case 52	21	14,368,320	48,100,155	1	0	1	0
Case 52	22	16,114,244	51,195,728	1	0	1	0
Case 53	1	82,154	27,493,679	1	1	2	0
Case 53	1	27,530,146	27,622,832	6	0	6	1
Case 53	1	27,627,950	121,346,616	1	1	2	0
Case 53	1	142,649,718	177,508,044	1	1	2	0
Case 53	1	177,512,260	177,558,449	0	0	0	0
Case 53	1	177,560,435	196,711,098	1	1	2	0
Case 53	1	196,712,594	196,918,615	3	3	6	0
Case 53	1	196,919,982	249,218,992	1	1	2	0
Case 53	2	18,674	92,081,640	1	1	2	0
Case 53	2	95,429,424	155,703,068	1	1	2	0
Case 53	2	155,703,266	155,819,972	0	0	0	0
Case 53	2	155,879,752	243,048,760	1	1	2	0
Case 53	3	61,495	60,196,537	1	1	2	0
Case 53	3	60,197,485	61,232,197	0	0	0	0
Case 53	3	61,236,328	90,442,925	1	1	2	0
Case 53	3	93,537,290	158,923,515	1	1	2	0
Case 53	3	158,932,371	159,688,029	0	0	0	0
Case 53	3	159,688,294	162,264,998	1	1	2	0
Case 53	3	162,266,475	164,632,238	0	0	0	0



Case 53	3	164,654,374	197,838,262	1	1	2	0
Case 53	4	71,566	22,699,639	1	1	2	0
Case 53	4	22,711,069	22,774,617	0	0	0	0
Case 53	4	22,786,034	31,991,952	1	1	2	0
Case 53	4	31,996,147	32,225,480	0	0	0	0
Case 53	4	32,226,350	49,620,898	1	1	2	0
Case 53	4	52,697,856	161,856,343	1	1	2	0
Case 53	4	161,861,640	161,924,832	6	0	6	1
Case 53	4	161,935,342	190,963,766	1	1	2	0
Case 53	5	38,139	730,271	1	1	2	0
Case 53	5	788,646	825,338	3	3	6	0
Case 53	5	840,717	46,399,093	1	1	2	0
Case 53	5	49,457,282	139,931,384	1	1	2	0
Case 53	5	139,931,607	139,931,740	0	0	0	0
Case 53	5	139,936,760	180,693,127	1	1	2	0
Case 53	6	108,666	31,337,633	1	1	2	0
Case 53	6	31,338,528	31,341,357	0	0	0	0
Case 53	6	31,342,484	58,752,089	1	1	2	0
Case 53	6	61,891,118	78,949,821	1	1	2	0
Case 53	6	78,953,246	79,039,234	0	0	0	0
Case 53	6	79,042,157	170,980,171	1	1	2	0
Case 53	7	44,935	38,292,663	1	1	2	0
Case 53	7	38,297,145	38,383,243	2	2	4	0
Case 53	7	38,385,938	58,019,061	1	1	2	0
Case 53	7	61,056,053	61,852,895	1	1	2	0
Case 53	7	61,994,170	62,437,581	0	0	0	0
Case 53	7	62,458,262	159,119,486	1	1	2	0
Case 53	8	164,984	2,292,537	4	0	4	1
Case 53	8	2,293,408	2,484,674	5	0	5	1
Case 53	8	2,487,969	3,172,327	4	0	4	1
Case 53	8	3,172,404	4,638,706	5	0	5	1
Case 53	8	4,640,275	4,815,582	4	0	4	1
Case 53	8	4,815,661	6,283,479	5	0	5	1
Case 53	8	6,283,772	6,881,638	4	0	4	1
Case 53	8	6,883,291	8,380,016	5	0	5	1
Case 53	8	8,383,065	9,178,921	5	1	6	0
Case 53	8	9,180,134	9,897,041	5	0	5	1
Case 53	8	9,899,255	11,352,541	4	0	4	1
Case 53	8	11,354,933	13,380,879	5	0	5	1
Case 53	8	13,382,080	14,522,350	5	1	6	0
Case 53	8	14,529,851	16,042,713	5	0	5	1
Case 53	8	16,042,900	17,026,852	5	1	6	0
Case 53	8	17,028,091	17,486,068	5	0	5	1
Case 53	8	17,486,113	17,928,811	5	1	6	0
Case 53	8	17,928,814	18,109,256	5	0	5	1
Case 53	8	18,111,750	19,150,880	5	1	6	0
Case 53	8	19,151,139	19,970,337	5	0	5	1
Case 53	8	19,970,840	21,448,663	4	0	4	1
Case 53	8	21,451,894	21,996,295	5	0	5	1
Case 53	8	21,996,300	23,432,332	4	0	4	1
Case 53	8	23,436,323	23,436,752	5	0	5	1
Case 53	8	23,438,975	23,568,464	5	1	6	0
Case 53	8	23,570,489	27,205,777	5	0	5	1
Case 53	8	27,211,333	27,505,756	4	0	4	1
Case 53	8	27,507,233	37,626,292	5	0	5	1
Case 53	8	37,630,315	37,734,755	4	0	4	1
Case 53	8	37,734,854	39,133,379	5	0	5	1
Case 53	8	39,133,853	39,850,058	5	1	6	0
Case 53	8	39,855,954	43,791,691	5	0	5	1
Case 53	8	46,886,735	62,086,176	5	0	5	1
Case 53	8	62,096,568	62,940,286	6	1	7	0

Case 53	8	62,944,691	62,945,023	5	0	5	1
Case 53	8	62,952,067	63,014,215	6	1	7	0
Case 53	8	63,014,589	63,969,320	5	1	6	0
Case 53	8	63,976,793	90,158,554	5	0	5	1
Case 53	8	90,161,392	91,297,472	6	1	7	0
Case 53	8	91,299,951	99,838,531	5	0	5	1
Case 53	8	99,846,972	99,895,405	6	1	7	0
Case 53	8	99,925,628	101,232,557	5	1	6	0
Case 53	8	101,232,701	110,691,429	5	0	5	1
Case 53	8	110,701,498	111,298,543	6	1	7	0
Case 53	8	111,302,825	118,834,802	5	0	5	1
Case 53	8	118,835,137	120,012,700	5	1	6	0
Case 53	8	120,013,090	127,889,918	5	0	5	1
Case 53	8	127,897,279	128,109,129	6	1	7	0
Case 53	8	128,109,287	135,487,835	5	0	5	1
Case 53	8	135,489,339	135,736,517	4	0	4	1
Case 53	8	135,738,044	139,051,681	5	0	5	1
Case 53	8	139,051,846	139,967,699	4	0	4	1
Case 53	8	139,975,998	142,081,677	5	0	5	1
Case 53	8	142,084,221	142,444,950	4	0	4	1
Case 53	8	142,445,249	142,500,309	5	0	5	1
Case 53	8	142,500,315	143,511,806	4	0	4	1
Case 53	8	143,514,434	144,990,983	5	0	5	1
Case 53	8	144,990,997	145,160,983	4	0	4	1
Case 53	8	145,161,803	146,293,414	5	0	5	1
Case 53	9	46,587	46,944,322	1	1	2	0
Case 53	9	65,629,772	141,066,491	1	1	2	0
Case 53	10	98,087	39,097,912	1	1	2	0
Case 53	10	42,436,301	58,885,646	1	1	2	0
Case 53	10	58,892,275	58,943,359	0	0	0	0
Case 53	10	58,944,057	79,181,324	1	1	2	0
Case 53	10	79,185,333	79,212,639	6	0	6	1
Case 53	10	79,214,413	135,477,883	1	1	2	0
Case 53	11	193,146	50,447,311	1	1	2	0
Case 53	11	50,461,838	51,591,253	1	0	1	0
Case 53	11	54,794,237	55,029,751	1	0	1	0
Case 53	11	55,049,310	134,934,063	1	1	2	0
Case 53	12	191,619	7,993,316	1	1	2	0
Case 53	12	8,000,912	8,123,306	6	0	6	1
Case 53	12	8,125,745	34,506,968	1	1	2	0
Case 53	12	34,523,378	34,853,011	0	0	0	0
Case 53	12	37,876,400	38,573,362	0	0	0	0
Case 53	12	38,588,392	133,810,935	1	1	2	0
Case 53	13	19,058,717	115,103,529	1	1	2	0
Case 53	14	19,280,733	22,381,668	1	1	2	0
Case 53	14	22,381,754	22,653,511	2	2	4	0
Case 53	14	22,655,767	22,678,544	1	1	2	0
Case 53	14	22,686,975	22,957,171	3	3	6	0
Case 53	14	22,957,488	67,417,083	1	1	2	0
Case 53	14	67,453,858	67,486,808	6	0	6	1
Case 53	14	67,500,727	107,287,663	1	1	2	0
Case 53	15	20,034,919	102,461,162	1	1	2	0
Case 53	16	88,165	35,285,582	1	1	2	0
Case 53	16	46,450,037	78,029,375	1	1	2	0
Case 53	16	78,031,074	78,148,935	6	0	6	1
Case 53	16	78,148,974	78,221,718	1	1	2	0
Case 53	16	78,222,527	78,278,601	0	0	0	0
Case 53	16	78,280,176	79,074,029	1	1	2	0
Case 53	16	79,075,311	79,136,139	4	0	4	1
Case 53	16	79,143,983	90,274,695	1	1	2	0
Case 53	17	11,885	15,039,528	1	1	2	0

Case 53	17	15,044,804	15,058,236	0	0	0	0
Case 53	17	15,058,991	22,242,355	1	1	2	0
Case 53	17	25,268,142	81,060,040	1	1	2	0
Case 53	18	87,505	680,520	1	1	2	0
Case 53	18	681,962	691,266	0	0	0	0
Case 53	18	694,206	15,375,878	1	1	2	0
Case 53	18	18,520,354	26,881,864	1	1	2	0
Case 53	18	26,884,367	26,970,866	0	0	0	0
Case 53	18	26,971,305	78,015,180	1	1	2	0
Case 53	19	260,912	12,154,684	1	1	2	0
Case 53	19	12,154,799	12,186,992	0	0	0	0
Case 53	19	12,187,001	20,970,367	1	1	2	0
Case 53	19	20,982,627	24,629,285	1	0	1	0
Case 53	19	27,732,159	28,079,145	1	0	1	0
Case 53	19	28,095,812	36,940,510	1	1	2	0
Case 53	19	36,940,518	38,230,534	1	0	1	0
Case 53	19	38,230,695	59,097,160	1	1	2	0
Case 53	20	63,244	26,293,985	1	1	2	0
Case 53	20	29,425,357	62,948,788	1	1	2	0
Case 53	21	10,827,533	10,971,337	1	1	2	0
Case 53	21	14,368,320	48,100,155	1	1	2	0
Case 53	22	16,114,244	51,195,728	1	1	2	0
Case 56	1	82,154	909,015	2	1	3	0
Case 56	1	909,238	909,276	1	0	1	0
Case 56	1	909,309	2,586,303	2	1	3	0
Case 56	1	2,587,026	3,119,729	2	2	4	0
Case 56	1	3,131,235	4,009,956	2	1	3	0
Case 56	1	4,010,743	5,612,956	2	2	4	0
Case 56	1	5,613,219	6,796,024	2	1	3	0
Case 56	1	6,797,684	7,363,310	2	2	4	0
Case 56	1	7,368,829	7,482,205	2	1	3	0
Case 56	1	7,482,757	7,595,233	2	2	4	0
Case 56	1	7,598,094	7,725,114	2	1	3	0
Case 56	1	7,725,170	9,784,916	2	2	4	0
Case 56	1	9,787,083	9,801,341	2	1	3	0
Case 56	1	9,804,021	15,492,032	2	2	4	0
Case 56	1	15,495,620	15,519,417	2	1	3	0
Case 56	1	15,520,583	15,728,289	3	1	4	0
Case 56	1	15,732,793	15,753,398	2	1	3	0
Case 56	1	15,753,662	15,834,360	2	2	4	0
Case 56	1	15,844,057	15,978,294	2	1	3	0
Case 56	1	15,978,331	16,201,502	3	1	4	0
Case 56	1	16,202,843	43,396,718	2	1	3	0
Case 56	1	43,398,085	43,529,875	2	2	4	0
Case 56	1	43,531,355	44,559,401	2	1	3	0
Case 56	1	44,568,322	44,860,224	2	2	4	0
Case 56	1	44,877,962	46,120,890	2	1	3	0
Case 56	1	46,125,880	46,645,524	2	2	4	0
Case 56	1	46,646,780	46,895,641	2	1	3	0
Case 56	1	46,897,698	47,007,844	2	2	4	0
Case 56	1	47,011,762	47,284,526	2	1	3	0
Case 56	1	47,284,923	47,746,113	2	2	4	0
Case 56	1	47,746,254	47,904,000	2	1	3	0
Case 56	1	47,916,965	48,066,171	2	2	4	0
Case 56	1	48,070,955	48,362,713	2	1	3	0
Case 56	1	48,369,895	48,539,143	2	2	4	0
Case 56	1	48,546,195	48,709,019	2	1	3	0
Case 56	1	48,713,394	52,198,426	2	2	4	0
Case 56	1	52,211,229	53,385,292	2	1	3	0
Case 56	1	53,393,706	53,674,542	2	2	4	0
Case 56	1	53,675,049	53,792,651	2	1	3	0

Case 56	1	53,797,400	54,187,449	2	2	4	0
Case 56	1	54,189,668	54,611,295	2	1	3	0
Case 56	1	54,613,369	54,750,625	2	2	4	0
Case 56	1	54,751,900	54,818,099	2	0	2	1
Case 56	1	54,821,429	55,080,475	2	1	3	0
Case 56	1	55,081,762	55,134,536	2	2	4	0
Case 56	1	55,134,585	55,688,016	2	1	3	0
Case 56	1	55,696,884	58,974,163	2	2	4	0
Case 56	1	58,978,397	59,056,326	2	1	3	0
Case 56	1	59,057,933	62,713,224	2	2	4	0
Case 56	1	62,713,246	62,739,769	2	1	3	0
Case 56	1	62,739,801	63,872,032	2	2	4	0
Case 56	1	63,872,871	64,105,799	2	1	3	0
Case 56	1	64,108,771	64,198,313	2	2	4	0
Case 56	1	64,209,711	64,643,145	2	1	3	0
Case 56	1	64,643,277	66,752,207	2	2	4	0
Case 56	1	66,756,717	66,939,920	2	1	3	0
Case 56	1	66,940,078	72,121,585	2	2	4	0
Case 56	1	72,126,388	72,575,560	2	1	3	0
Case 56	1	72,581,966	75,007,068	2	2	4	0
Case 56	1	75,008,008	75,055,585	2	1	3	0
Case 56	1	75,055,741	83,983,252	2	2	4	0
Case 56	1	83,987,643	120,471,739	2	0	2	1
Case 56	1	120,478,125	121,346,616	2	1	3	0
Case 56	1	142,649,718	145,281,993	2	1	3	0
Case 56	1	145,394,955	146,089,268	2	0	2	1
Case 56	1	146,152,553	147,033,573	2	1	3	0
Case 56	1	147,043,542	149,060,682	2	0	2	1
Case 56	1	149,140,459	171,077,348	2	1	3	0
Case 56	1	171,077,372	171,295,650	2	2	4	0
Case 56	1	171,296,762	177,905,469	2	1	3	0
Case 56	1	177,905,488	178,095,048	3	1	4	0
Case 56	1	178,156,816	199,362,216	2	1	3	0
Case 56	1	199,362,820	200,997,930	3	1	4	0
Case 56	1	200,998,358	201,058,513	2	1	3	0
Case 56	1	201,059,084	201,175,658	3	1	4	0
Case 56	1	201,175,715	201,196,322	2	1	3	0
Case 56	1	201,197,331	201,240,182	3	1	4	0
Case 56	1	201,240,763	201,353,941	2	1	3	0
Case 56	1	201,354,891	201,571,927	3	1	4	0
Case 56	1	201,572,071	201,792,306	2	1	3	0
Case 56	1	201,792,500	202,003,269	3	1	4	0
Case 56	1	202,013,757	202,564,040	2	1	3	0
Case 56	1	202,564,221	203,444,384	3	1	4	0
Case 56	1	203,449,615	203,837,577	2	1	3	0
Case 56	1	203,840,037	204,334,765	3	1	4	0
Case 56	1	204,344,375	204,633,340	2	1	3	0
Case 56	1	204,633,526	204,891,547	3	1	4	0
Case 56	1	204,892,329	205,053,315	2	1	3	0
Case 56	1	205,054,114	205,884,492	3	1	4	0
Case 56	1	205,884,508	206,986,545	2	1	3	0
Case 56	1	206,986,926	207,077,210	3	1	4	0
Case 56	1	207,078,197	207,245,684	2	1	3	0
Case 56	1	207,249,792	208,196,081	3	1	4	0
Case 56	1	208,197,785	208,314,807	2	1	3	0
Case 56	1	208,315,674	214,457,286	3	1	4	0
Case 56	1	214,461,354	214,819,838	2	1	3	0
Case 56	1	214,819,850	223,832,362	3	1	4	0
Case 56	1	223,833,290	224,216,822	2	1	3	0
Case 56	1	224,223,659	224,429,078	3	1	4	0
Case 56	1	224,437,967	224,880,653	2	1	3	0

Case 56	1	224,881,828	226,015,017	3	1	4	0
Case 56	1	226,015,116	226,077,132	2	1	3	0
Case 56	1	226,077,231	227,920,061	3	1	4	0
Case 56	1	227,920,103	228,006,435	2	1	3	0
Case 56	1	228,010,782	228,279,023	3	1	4	0
Case 56	1	228,282,695	228,601,506	2	1	3	0
Case 56	1	228,601,638	229,566,362	3	1	4	0
Case 56	1	229,571,061	229,803,654	2	1	3	0
Case 56	1	229,804,538	230,148,080	3	1	4	0
Case 56	1	230,151,884	230,551,909	2	1	3	0
Case 56	1	230,560,900	230,897,893	3	1	4	0
Case 56	1	230,898,397	231,115,887	2	1	3	0
Case 56	1	231,118,857	231,346,186	3	1	4	0
Case 56	1	231,352,767	231,474,181	2	1	3	0
Case 56	1	231,476,789	233,368,289	3	1	4	0
Case 56	1	233,372,676	233,608,565	2	1	3	0
Case 56	1	233,619,908	234,259,825	3	1	4	0
Case 56	1	234,260,086	234,367,309	2	1	3	0
Case 56	1	234,367,327	234,699,236	3	1	4	0
Case 56	1	234,701,168	236,157,277	2	1	3	0
Case 56	1	236,166,380	236,451,196	3	1	4	0
Case 56	1	236,465,416	237,111,682	2	1	3	0
Case 56	1	237,114,288	240,791,177	3	1	4	0
Case 56	1	240,798,089	242,411,114	1	1	2	0
Case 56	1	242,416,045	242,431,557	7	0	7	1
Case 56	1	242,440,891	243,731,693	1	1	2	0
Case 56	1	243,768,906	246,243,336	2	1	3	0
Case 56	1	246,251,363	246,330,385	1	0	1	0
Case 56	1	246,341,231	249,218,992	2	1	3	0
Case 56	2	18,674	26,159,940	2	0	2	1
Case 56	2	26,173,503	26,618,543	2	1	3	0
Case 56	2	26,623,160	26,647,203	1	0	1	0
Case 56	2	26,653,457	79,509,292	2	1	3	0
Case 56	2	79,516,139	79,581,175	1	0	1	0
Case 56	2	79,586,600	92,081,640	2	1	3	0
Case 56	2	95,429,424	133,392,633	2	1	3	0
Case 56	2	133,396,179	133,664,437	2	0	2	1
Case 56	2	133,672,853	135,926,351	2	1	3	0
Case 56	2	135,927,428	137,493,598	3	1	4	0
Case 56	2	137,493,893	137,493,893	2	1	3	0
Case 56	2	137,495,920	137,552,254	7	0	7	1
Case 56	2	137,553,966	137,553,966	1	1	2	0
Case 56	2	137,554,697	140,567,880	2	1	3	0
Case 56	2	140,577,118	140,847,560	4	1	5	0
Case 56	2	140,858,451	140,868,186	3	1	4	0
Case 56	2	140,870,484	144,935,972	7	0	7	1
Case 56	2	144,940,576	149,988,911	1	1	2	0
Case 56	2	149,999,742	150,237,153	2	1	3	0
Case 56	2	150,242,490	150,271,975	3	1	4	0
Case 56	2	150,274,458	179,315,726	1	1	2	0
Case 56	2	179,318,222	179,395,554	7	0	7	1
Case 56	2	179,395,555	179,395,573	2	0	2	1
Case 56	2	179,395,813	179,395,813	6	0	6	1
Case 56	2	179,395,926	179,395,926	2	0	2	1
Case 56	2	179,395,958	179,543,504	6	0	6	1
Case 56	2	179,544,983	179,544,983	1	1	2	0
Case 56	2	179,545,032	179,759,810	5	0	5	1
Case 56	2	179,770,175	180,479,625	7	0	7	1
Case 56	2	180,480,167	187,735,749	1	1	2	0
Case 56	2	187,737,712	189,493,686	7	0	7	1
Case 56	2	189,497,420	243,048,760	1	1	2	0

Case 56	3	61,495	761,907	2	1	3	0
Case 56	3	778,709	1,238,954	2	2	4	0
Case 56	3	1,247,015	19,306,573	2	1	3	0
Case 56	3	19,309,780	20,570,373	2	0	2	1
Case 56	3	20,575,986	20,764,696	3	0	3	1
Case 56	3	20,766,050	21,789,545	2	0	2	1
Case 56	3	21,792,363	21,825,247	3	0	3	1
Case 56	3	21,825,971	22,532,660	2	0	2	1
Case 56	3	22,535,867	23,209,677	3	0	3	1
Case 56	3	23,214,269	23,664,029	2	0	2	1
Case 56	3	23,665,996	23,825,204	3	0	3	1
Case 56	3	23,839,884	24,009,322	2	0	2	1
Case 56	3	24,009,341	24,203,529	3	0	3	1
Case 56	3	24,208,974	24,538,838	2	0	2	1
Case 56	3	24,554,704	24,778,690	3	0	3	1
Case 56	3	24,779,648	26,547,966	2	0	2	1
Case 56	3	26,552,078	26,963,258	3	0	3	1
Case 56	3	26,976,847	27,638,500	2	0	2	1
Case 56	3	27,639,142	28,074,885	3	0	3	1
Case 56	3	28,078,786	29,620,604	2	0	2	1
Case 56	3	29,622,149	29,741,341	3	0	3	1
Case 56	3	29,741,400	30,090,772	2	0	2	1
Case 56	3	30,109,355	30,197,892	3	0	3	1
Case 56	3	30,200,658	31,067,452	2	0	2	1
Case 56	3	31,068,091	31,873,214	3	0	3	1
Case 56	3	31,874,014	33,192,293	2	0	2	1
Case 56	3	33,194,241	33,418,788	3	0	3	1
Case 56	3	33,419,422	33,917,150	2	0	2	1
Case 56	3	33,926,125	34,086,193	3	0	3	1
Case 56	3	34,094,330	37,584,044	2	0	2	1
Case 56	3	37,584,054	37,780,809	3	0	3	1
Case 56	3	37,783,832	38,411,606	2	0	2	1
Case 56	3	38,411,656	38,523,754	3	0	3	1
Case 56	3	38,524,363	56,716,992	2	0	2	1
Case 56	3	56,735,180	59,876,943	2	1	3	0
Case 56	3	59,877,988	60,064,296	2	2	4	0
Case 56	3	60,065,257	60,257,587	2	1	3	0
Case 56	3	60,260,223	60,321,271	1	0	1	0
Case 56	3	60,327,391	60,333,449	2	1	3	0
Case 56	3	60,337,651	60,492,136	1	0	1	0
Case 56	3	60,496,077	60,566,161	2	0	2	1
Case 56	3	60,566,492	60,604,489	2	1	3	0
Case 56	3	60,607,896	61,122,318	2	2	4	0
Case 56	3	61,126,821	61,126,821	2	0	2	1
Case 56	3	61,127,205	61,549,295	3	2	5	0
Case 56	3	61,549,568	63,788,094	2	2	4	0
Case 56	3	63,792,326	63,999,322	2	1	3	0
Case 56	3	64,004,301	65,177,996	2	2	4	0
Case 56	3	65,180,001	65,185,849	2	1	3	0
Case 56	3	65,191,847	65,214,533	1	0	1	0
Case 56	3	65,215,804	66,430,811	2	2	4	0
Case 56	3	66,430,877	66,543,696	2	1	3	0
Case 56	3	66,550,756	71,174,475	2	2	4	0
Case 56	3	71,174,872	71,449,057	2	1	3	0
Case 56	3	71,454,340	79,818,831	2	2	4	0
Case 56	3	79,819,713	81,247,480	2	0	2	1
Case 56	3	81,251,347	90,442,925	2	2	4	0
Case 56	3	93,537,290	101,410,553	2	2	4	0
Case 56	3	101,443,528	101,545,319	2	1	3	0
Case 56	3	101,546,847	108,099,163	2	2	4	0
Case 56	3	108,099,860	108,635,060	2	1	3	0

Case 56	3	108,635,099	111,125,434	2	2	4	0
Case 56	3	111,159,325	111,795,976	2	1	3	0
Case 56	3	111,797,617	112,643,981	2	2	4	0
Case 56	3	112,647,738	112,740,145	2	1	3	0
Case 56	3	112,754,626	113,318,748	2	2	4	0
Case 56	3	113,320,312	113,560,020	2	1	3	0
Case 56	3	113,561,504	113,659,549	2	2	4	0
Case 56	3	113,664,291	114,078,257	2	1	3	0
Case 56	3	114,081,006	114,081,006	2	0	2	1
Case 56	3	114,085,053	114,125,807	3	2	5	0
Case 56	3	114,131,674	118,865,332	2	2	4	0
Case 56	3	118,865,479	118,906,757	2	1	3	0
Case 56	3	118,906,791	121,191,013	2	2	4	0
Case 56	3	121,192,310	121,410,773	2	1	3	0
Case 56	3	121,410,850	122,914,169	2	2	4	0
Case 56	3	122,915,756	123,471,294	2	1	3	0
Case 56	3	123,471,306	124,577,826	2	2	4	0
Case 56	3	124,578,125	124,909,178	2	1	3	0
Case 56	3	124,909,866	125,540,308	2	2	4	0
Case 56	3	125,541,332	126,236,523	2	1	3	0
Case 56	3	126,236,546	126,669,744	2	2	4	0
Case 56	3	126,674,224	126,805,061	2	1	3	0
Case 56	3	126,807,142	127,253,904	2	2	4	0
Case 56	3	127,254,061	128,666,029	2	1	3	0
Case 56	3	128,666,129	128,987,730	2	2	4	0
Case 56	3	128,988,045	129,382,355	2	1	3	0
Case 56	3	129,401,505	130,405,138	2	2	4	0
Case 56	3	130,409,433	131,330,902	2	1	3	0
Case 56	3	131,342,265	133,035,774	2	2	4	0
Case 56	3	133,051,572	133,189,192	2	1	3	0
Case 56	3	133,189,316	133,637,892	2	2	4	0
Case 56	3	133,638,387	133,672,549	2	1	3	0
Case 56	3	133,673,940	134,043,422	2	2	4	0
Case 56	3	134,043,922	134,395,599	2	1	3	0
Case 56	3	134,397,858	138,645,013	2	2	4	0
Case 56	3	138,652,077	139,355,262	2	1	3	0
Case 56	3	139,356,765	140,223,794	2	2	4	0
Case 56	3	140,226,452	140,473,526	2	1	3	0
Case 56	3	140,476,375	150,127,576	2	2	4	0
Case 56	3	150,127,645	150,531,601	2	1	3	0
Case 56	3	150,541,363	151,147,968	2	2	4	0
Case 56	3	151,148,099	151,166,397	2	1	3	0
Case 56	3	151,166,422	153,157,523	2	2	4	0
Case 56	3	153,173,935	153,776,149	6	1	7	0
Case 56	3	153,776,628	153,902,784	4	2	6	0
Case 56	3	153,907,658	154,545,552	6	1	7	0
Case 56	3	154,547,936	154,925,064	4	2	6	0
Case 56	3	154,933,041	155,196,730	6	1	7	0
Case 56	3	155,198,866	155,241,740	4	2	6	0
Case 56	3	155,241,900	155,560,337	6	1	7	0
Case 56	3	155,565,687	156,292,361	5	1	6	0
Case 56	3	156,295,341	156,418,908	4	2	6	0
Case 56	3	156,421,238	156,832,984	6	1	7	0
Case 56	3	156,833,616	157,920,934	5	1	6	0
Case 56	3	157,920,983	157,924,373	4	2	6	0
Case 56	3	157,934,971	158,427,059	6	1	7	0
Case 56	3	158,428,589	158,870,253	5	1	6	0
Case 56	3	158,873,992	159,888,261	4	2	6	0
Case 56	3	159,892,169	160,156,040	6	1	7	0
Case 56	3	160,156,046	160,481,143	5	1	6	0
Case 56	3	160,499,192	161,956,676	4	2	6	0

Case 56	3	161,972,497	162,396,246	6	1	7	0
Case 56	3	162,397,319	163,365,504	4	2	6	0
Case 56	3	163,366,652	163,370,769	6	1	7	0
Case 56	3	163,398,158	163,664,285	5	1	6	0
Case 56	3	163,671,071	163,678,177	2	0	2	1
Case 56	3	163,681,978	168,136,690	7	0	7	1
Case 56	3	168,161,589	168,161,589	2	0	2	1
Case 56	3	168,162,869	168,469,608	5	1	6	0
Case 56	3	168,493,689	168,493,689	2	0	2	1
Case 56	3	168,496,750	170,133,639	7	0	7	1
Case 56	3	170,136,084	170,136,084	2	0	2	1
Case 56	3	170,136,972	170,463,622	5	1	6	0
Case 56	3	170,469,336	170,491,996	4	2	6	0
Case 56	3	170,494,409	171,073,616	6	1	7	0
Case 56	3	171,076,593	172,718,955	5	1	6	0
Case 56	3	172,721,786	172,845,803	4	2	6	0
Case 56	3	172,851,177	173,322,076	6	1	7	0
Case 56	3	173,322,248	173,431,705	5	1	6	0
Case 56	3	173,432,639	173,432,639	2	0	2	1
Case 56	3	173,438,357	173,785,874	3	2	5	0
Case 56	3	173,789,058	173,960,436	6	1	7	0
Case 56	3	173,961,129	173,967,286	5	1	6	0
Case 56	3	173,971,715	174,951,756	2	0	2	1
Case 56	3	174,951,784	174,971,516	0	0	0	0
Case 56	3	174,971,696	174,980,714	1	0	1	0
Case 56	3	174,985,106	175,001,029	2	1	3	0
Case 56	3	175,002,708	177,292,543	3	1	4	0
Case 56	3	177,295,215	177,295,215	2	1	3	0
Case 56	3	177,297,824	177,552,252	4	1	5	0
Case 56	3	177,552,702	177,562,035	3	1	4	0
Case 56	3	177,569,911	177,569,911	2	0	2	1
Case 56	3	177,581,405	178,397,422	3	2	5	0
Case 56	3	178,397,892	179,084,046	6	1	7	0
Case 56	3	179,085,791	179,085,860	5	1	6	0
Case 56	3	179,090,772	179,093,011	4	1	5	0
Case 56	3	179,095,227	179,572,539	3	1	4	0
Case 56	3	179,576,912	180,334,458	7	0	7	1
Case 56	3	180,337,082	180,337,082	2	0	2	1
Case 56	3	180,337,700	181,609,741	5	1	6	0
Case 56	3	181,617,660	181,617,927	2	0	2	1
Case 56	3	181,629,223	181,908,937	7	0	7	1
Case 56	3	181,932,928	181,932,928	2	0	2	1
Case 56	3	181,935,178	182,055,057	3	2	5	0
Case 56	3	182,080,081	182,222,315	6	1	7	0
Case 56	3	182,222,834	182,662,324	5	1	6	0
Case 56	3	182,663,516	185,795,855	4	1	5	0
Case 56	3	185,797,672	188,479,543	3	1	4	0
Case 56	3	188,480,881	190,035,814	3	2	5	0
Case 56	3	190,035,825	190,036,418	2	2	4	0
Case 56	3	190,037,414	193,489,484	2	0	2	1
Case 56	3	193,495,155	193,713,770	3	0	3	1
Case 56	3	193,715,150	195,310,679	2	0	2	1
Case 56	3	195,424,739	195,475,900	2	2	4	0
Case 56	3	195,477,779	197,838,262	2	0	2	1
Case 56	4	71,566	977,022	3	0	3	1
Case 56	4	981,602	985,275	2	0	2	1
Case 56	4	985,295	1,990,425	3	0	3	1
Case 56	4	1,991,423	49,620,898	2	0	2	1
Case 56	4	52,697,856	91,371,416	2	0	2	1
Case 56	4	91,376,378	91,748,644	0	0	0	0
Case 56	4	91,762,984	122,281,107	2	0	2	1



Case 56	4	122,285,263	122,289,863	0	0	0	0
Case 56	4	122,291,131	124,496,348	2	0	2	1
Case 56	4	124,501,466	124,812,897	0	0	0	0
Case 56	4	124,819,109	187,538,330	2	0	2	1
Case 56	4	187,538,942	187,549,364	3	0	3	1
Case 56	4	187,549,401	190,963,766	2	0	2	1
Case 56	5	38,139	46,399,093	2	0	2	1
Case 56	5	49,457,282	133,944,277	2	0	2	1
Case 56	5	133,959,630	139,930,726	3	0	3	1
Case 56	5	139,930,736	139,931,384	2	0	2	1
Case 56	5	139,931,607	139,931,659	0	0	0	0
Case 56	5	139,931,660	139,936,835	2	0	2	1
Case 56	5	139,938,237	180,693,127	3	0	3	1
Case 56	6	108,666	1,656,487	2	1	3	0
Case 56	6	1,660,002	2,145,447	1	0	1	0
Case 56	6	2,168,338	47,310,107	2	1	3	0
Case 56	6	47,310,938	47,563,608	2	2	4	0
Case 56	6	47,563,669	58,752,089	2	1	3	0
Case 56	6	61,891,118	62,115,542	2	1	3	0
Case 56	6	62,183,901	62,249,159	1	0	1	0
Case 56	6	62,272,667	71,035,791	2	1	3	0
Case 56	6	71,037,050	74,062,007	2	2	4	0
Case 56	6	74,063,092	74,112,709	2	1	3	0
Case 56	6	74,115,413	75,848,169	2	2	4	0
Case 56	6	75,848,181	76,096,230	2	1	3	0
Case 56	6	76,119,602	83,385,150	2	2	4	0
Case 56	6	83,385,527	84,108,096	2	1	3	0
Case 56	6	84,108,107	87,843,365	2	2	4	0
Case 56	6	87,856,003	88,182,439	2	1	3	0
Case 56	6	88,184,912	90,300,010	2	2	4	0
Case 56	6	90,310,966	90,605,577	2	1	3	0
Case 56	6	90,605,664	94,203,034	2	2	4	0
Case 56	6	94,206,244	94,511,530	2	0	2	1
Case 56	6	94,529,099	94,999,281	2	2	4	0
Case 56	6	95,002,441	95,147,994	2	0	2	1
Case 56	6	95,172,841	95,278,429	2	2	4	0
Case 56	6	95,285,511	95,435,352	2	0	2	1
Case 56	6	95,456,914	103,229,346	2	2	4	0
Case 56	6	103,242,059	103,403,853	2	0	2	1
Case 56	6	103,434,242	109,751,601	2	2	4	0
Case 56	6	109,752,426	109,803,216	2	1	3	0
Case 56	6	109,814,411	116,394,809	2	2	4	0
Case 56	6	116,406,419	116,532,859	2	1	3	0
Case 56	6	116,544,294	121,759,439	2	2	4	0
Case 56	6	121,768,449	121,768,449	2	0	2	1
Case 56	6	121,768,717	122,396,987	3	2	5	0
Case 56	6	122,410,187	129,763,368	2	2	4	0
Case 56	6	129,768,893	130,091,555	2	1	3	0
Case 56	6	130,091,761	132,857,687	2	2	4	0
Case 56	6	132,859,437	132,892,143	2	1	3	0
Case 56	6	132,892,152	136,506,199	2	2	4	0
Case 56	6	136,508,916	136,934,321	2	1	3	0
Case 56	6	136,934,748	139,806,747	2	2	4	0
Case 56	6	139,807,600	139,984,667	2	1	3	0
Case 56	6	139,989,016	146,225,271	2	2	4	0
Case 56	6	146,234,644	146,720,826	2	1	3	0
Case 56	6	146,720,966	148,584,115	2	0	2	1
Case 56	6	148,585,295	148,785,423	0	0	0	0
Case 56	6	148,787,137	154,717,442	2	0	2	1
Case 56	6	154,719,380	155,078,641	3	0	3	1
Case 56	6	155,092,199	157,219,303	2	0	2	1

Case 56	6	157,223,707	157,223,707	0	0	0	0
Case 56	6	157,232,519	157,445,999	1	0	1	0
Case 56	6	157,449,208	159,029,734	2	0	2	1
Case 56	6	159,032,670	159,184,512	3	0	3	1
Case 56	6	159,185,547	162,565,718	2	0	2	1
Case 56	6	162,568,613	162,568,613	0	0	0	0
Case 56	6	162,569,008	162,778,346	1	0	1	0
Case 56	6	162,779,151	162,820,114	2	0	2	1
Case 56	6	162,828,829	163,072,782	0	0	0	0
Case 56	6	163,081,812	170,980,171	2	0	2	1
Case 56	7	44,935	58,019,061	2	1	3	0
Case 56	7	61,056,053	86,741,039	2	1	3	0
Case 56	7	86,751,525	86,820,275	2	0	2	1
Case 56	7	86,821,980	90,014,777	2	1	3	0
Case 56	7	90,015,825	90,860,351	3	1	4	0
Case 56	7	90,862,407	91,167,397	4	1	5	0
Case 56	7	91,167,602	91,509,551	3	1	4	0
Case 56	7	91,509,608	111,297,991	2	1	3	0
Case 56	7	111,309,224	111,339,228	1	0	1	0
Case 56	7	111,353,361	116,552,181	2	1	3	0
Case 56	7	116,558,716	116,577,942	4	1	5	0
Case 56	7	116,593,611	116,604,194	3	1	4	0
Case 56	7	116,635,048	133,733,917	2	1	3	0
Case 56	7	133,735,533	133,774,841	2	0	2	1
Case 56	7	133,803,962	149,486,246	2	1	3	0
Case 56	7	149,486,256	149,488,991	2	0	2	1
Case 56	7	149,489,048	149,513,846	2	1	3	0
Case 56	7	149,514,716	149,520,478	2	0	2	1
Case 56	7	149,520,552	158,050,239	2	1	3	0
Case 56	7	158,050,807	158,053,180	3	1	4	0
Case 56	7	158,060,317	158,376,086	1	1	2	0
Case 56	7	158,389,294	159,119,486	2	1	3	0
Case 56	8	164,984	5,593,810	2	0	2	1
Case 56	8	5,599,399	5,604,495	0	0	0	0
Case 56	8	5,605,087	15,751,859	2	0	2	1
Case 56	8	15,752,089	15,765,369	0	0	0	0
Case 56	8	15,767,521	43,791,691	2	0	2	1
Case 56	8	46,886,735	96,576,196	2	0	2	1
Case 56	8	96,582,595	96,596,749	0	0	0	0
Case 56	8	96,620,404	123,822,629	2	0	2	1
Case 56	8	123,827,049	123,980,697	3	0	3	1
Case 56	8	123,983,143	126,230,230	2	0	2	1
Case 56	8	126,254,259	133,931,769	7	0	7	1
Case 56	8	133,935,591	146,293,414	2	0	2	1
Case 56	9	46,587	8,636,818	2	0	2	1
Case 56	9	8,645,448	8,799,819	0	0	0	0
Case 56	9	8,805,462	9,195,670	2	0	2	1
Case 56	9	9,196,661	9,196,661	0	0	0	0
Case 56	9	9,197,160	9,249,912	1	0	1	0
Case 56	9	9,252,865	9,252,865	2	0	2	1
Case 56	9	9,258,729	9,456,615	0	0	0	0
Case 56	9	9,459,099	9,539,114	1	0	1	0
Case 56	9	9,540,141	9,540,141	2	0	2	1
Case 56	9	9,548,257	9,736,252	0	0	0	0
Case 56	9	9,740,949	46,944,322	2	0	2	1
Case 56	9	65,629,772	94,455,171	2	0	2	1
Case 56	9	94,456,714	94,631,630	3	0	3	1
Case 56	9	94,631,730	117,840,922	2	0	2	1
Case 56	9	117,841,416	118,131,550	3	0	3	1
Case 56	9	118,137,835	123,476,303	2	0	2	1
Case 56	9	123,480,696	123,822,837	3	0	3	1

Case 56	9	123,823,972	141,066,491	2	0	2	1
Case 56	10	98,087	6,975,550	2	0	2	1
Case 56	10	6,977,250	6,985,007	0	0	0	0
Case 56	10	6,993,426	37,327,040	2	0	2	1
Case 56	10	37,341,389	37,467,445	3	2	5	0
Case 56	10	37,479,884	37,665,513	6	1	7	0
Case 56	10	37,665,810	37,703,778	5	1	6	0
Case 56	10	37,704,970	37,704,970	2	0	2	1
Case 56	10	37,706,195	38,061,643	7	0	7	1
Case 56	10	38,108,080	38,108,080	2	0	2	1
Case 56	10	38,110,813	38,276,810	2	2	4	0
Case 56	10	38,290,878	38,290,878	2	1	3	0
Case 56	10	38,299,132	39,070,516	7	0	7	1
Case 56	10	39,088,829	39,097,912	1	1	2	0
Case 56	10	42,436,301	42,896,183	2	1	3	0
Case 56	10	42,905,057	42,907,260	1	0	1	0
Case 56	10	42,916,042	43,070,825	2	0	2	1
Case 56	10	43,073,561	84,213,251	2	1	3	0
Case 56	10	84,218,664	84,267,826	1	0	1	0
Case 56	10	84,279,949	85,445,507	2	1	3	0
Case 56	10	85,449,661	85,936,245	1	0	1	0
Case 56	10	85,936,688	85,980,895	2	0	2	1
Case 56	10	85,981,756	85,981,821	0	0	0	0
Case 56	10	85,982,223	86,815,074	1	0	1	0
Case 56	10	86,820,708	89,294,408	2	0	2	1
Case 56	10	89,300,314	89,343,804	0	0	0	0
Case 56	10	89,352,346	89,380,317	1	0	1	0
Case 56	10	89,380,699	89,380,699	2	0	2	1
Case 56	10	89,380,806	89,782,386	0	0	0	0
Case 56	10	89,784,717	89,897,044	1	0	1	0
Case 56	10	89,898,756	89,898,756	2	0	2	1
Case 56	10	89,899,843	90,195,149	0	0	0	0
Case 56	10	90,198,999	91,129,012	1	0	1	0
Case 56	10	91,134,786	91,163,228	2	0	2	1
Case 56	10	91,163,743	91,163,743	0	0	0	0
Case 56	10	91,164,170	91,484,779	1	0	1	0
Case 56	10	91,484,780	91,484,780	0	0	0	0
Case 56	10	91,484,796	91,484,835	2	0	2	1
Case 56	10	91,487,648	91,498,808	0	0	0	0
Case 56	10	91,503,578	94,967,076	1	0	1	0
Case 56	10	94,968,216	95,212,070	2	0	2	1
Case 56	10	95,213,371	95,213,371	0	0	0	0
Case 56	10	95,216,623	95,777,231	1	0	1	0
Case 56	10	95,777,488	96,086,078	2	0	2	1
Case 56	10	96,093,279	96,093,965	0	0	0	0
Case 56	10	96,094,413	97,020,612	1	0	1	0
Case 56	10	97,021,389	97,402,883	2	0	2	1
Case 56	10	97,402,930	97,406,406	0	0	0	0
Case 56	10	97,408,603	98,064,363	1	0	1	0
Case 56	10	98,072,541	98,097,944	2	0	2	1
Case 56	10	98,103,376	103,205,272	2	1	3	0
Case 56	10	103,228,836	103,436,164	2	0	2	1
Case 56	10	103,445,325	135,477,883	2	1	3	0
Case 56	11	193,146	51,525,878	2	0	2	1
Case 56	11	51,566,909	51,591,253	0	0	0	0
Case 56	11	54,794,237	59,189,522	2	0	2	1
Case 56	11	59,189,660	59,239,839	3	0	3	1
Case 56	11	59,240,474	74,050,173	2	0	2	1
Case 56	11	74,053,547	74,329,833	2	2	4	0
Case 56	11	74,329,841	74,915,566	2	1	3	0
Case 56	11	74,915,572	75,223,565	2	2	4	0

Case 56	11	75,228,884	75,319,218	2	1	3	0
Case 56	11	75,320,105	75,428,958	2	2	4	0
Case 56	11	75,428,971	75,742,818	2	1	3	0
Case 56	11	75,756,145	76,359,922	2	2	4	0
Case 56	11	76,359,949	76,834,830	2	1	3	0
Case 56	11	76,834,837	77,727,379	2	2	4	0
Case 56	11	77,727,825	78,270,665	2	1	3	0
Case 56	11	78,277,260	84,474,461	2	2	4	0
Case 56	11	84,494,810	84,688,062	2	0	2	1
Case 56	11	84,691,990	93,787,542	2	2	4	0
Case 56	11	93,787,758	94,110,284	2	1	3	0
Case 56	11	94,111,170	111,345,971	2	2	4	0
Case 56	11	111,346,465	111,896,251	2	1	3	0
Case 56	11	111,896,324	113,141,684	2	2	4	0
Case 56	11	113,142,503	113,316,236	2	1	3	0
Case 56	11	113,317,067	113,973,184	2	2	4	0
Case 56	11	113,974,100	114,064,733	2	1	3	0
Case 56	11	114,066,438	116,253,844	2	2	4	0
Case 56	11	116,255,458	116,358,711	2	1	3	0
Case 56	11	116,363,446	116,617,240	2	2	4	0
Case 56	11	116,619,051	117,309,989	2	1	3	0
Case 56	11	117,310,107	117,521,967	2	2	4	0
Case 56	11	117,522,956	118,133,741	2	1	3	0
Case 56	11	118,134,785	118,342,617	2	2	4	0
Case 56	11	118,343,378	119,290,776	2	1	3	0
Case 56	11	119,291,480	119,968,219	2	2	4	0
Case 56	11	119,970,300	120,403,333	2	1	3	0
Case 56	11	120,405,843	120,659,485	2	2	4	0
Case 56	11	120,663,363	120,972,161	2	1	3	0
Case 56	11	120,972,518	121,329,041	2	2	4	0
Case 56	11	121,330,087	121,533,001	2	1	3	0
Case 56	11	121,533,827	123,983,579	2	2	4	0
Case 56	11	123,987,875	124,413,198	2	1	3	0
Case 56	11	124,413,214	124,440,043	2	2	4	0
Case 56	11	124,440,068	124,813,516	2	1	3	0
Case 56	11	124,813,669	125,438,421	2	2	4	0
Case 56	11	125,440,779	125,618,370	2	1	3	0
Case 56	11	125,618,495	125,777,056	2	2	4	0
Case 56	11	125,778,184	125,893,275	2	1	3	0
Case 56	11	125,895,397	126,008,932	2	2	4	0
Case 56	11	126,009,142	126,412,048	2	1	3	0
Case 56	11	126,412,343	128,330,520	2	2	4	0
Case 56	11	128,333,215	128,398,309	2	1	3	0
Case 56	11	128,409,210	129,663,037	2	2	4	0
Case 56	11	129,666,638	130,088,828	2	1	3	0
Case 56	11	130,089,026	130,861,244	2	2	4	0
Case 56	11	130,867,460	131,085,448	2	1	3	0
Case 56	11	131,085,554	133,923,605	2	2	4	0
Case 56	11	133,924,689	134,182,345	2	1	3	0
Case 56	11	134,182,360	134,934,063	2	2	4	0
Case 56	12	191,619	18,120,791	2	0	2	1
Case 56	12	18,128,339	18,544,186	4	0	4	1
Case 56	12	18,552,594	27,416,768	2	0	2	1
Case 56	12	27,422,886	30,010,180	3	2	5	0
Case 56	12	30,013,127	30,814,184	2	2	4	0
Case 56	12	30,816,483	30,955,156	2	1	3	0
Case 56	12	30,955,572	31,088,854	2	2	4	0
Case 56	12	31,089,672	31,142,615	2	1	3	0
Case 56	12	31,143,633	34,853,011	2	2	4	0
Case 56	12	37,876,400	42,027,870	2	2	4	0
Case 56	12	42,030,041	42,244,754	2	0	2	1

Case 56	12	42,246,534	48,062,824	2	2	4	0
Case 56	12	48,063,926	48,192,630	2	1	3	0
Case 56	12	48,195,069	48,367,976	2	2	4	0
Case 56	12	48,368,041	49,255,829	2	1	3	0
Case 56	12	49,256,792	49,368,633	2	2	4	0
Case 56	12	49,370,857	49,455,935	2	1	3	0
Case 56	12	49,457,635	49,645,240	2	2	4	0
Case 56	12	49,655,598	50,749,227	2	1	3	0
Case 56	12	50,749,294	51,561,056	2	2	4	0
Case 56	12	51,566,350	52,329,769	2	1	3	0
Case 56	12	52,331,681	52,618,791	2	2	4	0
Case 56	12	52,622,287	52,842,101	2	1	3	0
Case 56	12	52,842,631	52,908,254	2	2	4	0
Case 56	12	52,908,473	53,917,068	2	1	3	0
Case 56	12	53,924,293	54,317,719	2	2	4	0
Case 56	12	54,318,146	54,928,634	2	1	3	0
Case 56	12	54,928,894	55,846,794	2	2	4	0
Case 56	12	55,846,890	56,828,056	2	1	3	0
Case 56	12	56,828,818	57,109,931	2	2	4	0
Case 56	12	57,109,961	58,396,973	2	1	3	0
Case 56	12	58,403,744	65,677,700	2	2	4	0
Case 56	12	65,680,026	67,009,240	2	0	2	1
Case 56	12	67,015,716	68,652,532	2	2	4	0
Case 56	12	68,654,215	73,715,732	2	0	2	1
Case 56	12	73,737,815	73,818,580	2	2	4	0
Case 56	12	73,828,862	74,596,252	2	0	2	1
Case 56	12	74,601,949	86,518,790	2	2	4	0
Case 56	12	86,529,854	87,064,494	2	0	2	1
Case 56	12	87,070,220	87,414,468	2	2	4	0
Case 56	12	87,430,209	88,381,701	2	0	2	1
Case 56	12	88,383,119	90,295,893	2	2	4	0
Case 56	12	90,304,545	93,125,065	2	0	2	1
Case 56	12	93,128,881	93,951,607	2	2	4	0
Case 56	12	93,958,657	94,207,194	2	1	3	0
Case 56	12	94,207,294	97,577,947	2	2	4	0
Case 56	12	97,579,740	98,551,559	2	0	2	1
Case 56	12	98,552,353	104,063,090	2	2	4	0
Case 56	12	104,064,489	104,139,020	2	1	3	0
Case 56	12	104,139,034	104,219,814	2	2	4	0
Case 56	12	104,221,850	104,487,178	2	1	3	0
Case 56	12	104,487,183	105,433,077	2	2	4	0
Case 56	12	105,433,542	105,616,970	2	1	3	0
Case 56	12	105,622,913	105,712,603	7	0	7	1
Case 56	12	105,713,218	105,713,218	2	0	2	1
Case 56	12	105,719,138	106,623,457	2	2	4	0
Case 56	12	106,623,777	106,740,246	2	1	3	0
Case 56	12	106,740,267	108,472,383	2	2	4	0
Case 56	12	108,472,527	108,746,540	2	1	3	0
Case 56	12	108,750,121	108,874,395	2	2	4	0
Case 56	12	108,874,663	109,221,123	2	1	3	0
Case 56	12	109,221,168	109,526,201	2	2	4	0
Case 56	12	109,526,230	109,725,707	2	1	3	0
Case 56	12	109,726,560	110,205,831	2	2	4	0
Case 56	12	110,206,012	111,353,556	2	1	3	0
Case 56	12	111,355,091	111,716,718	2	2	4	0
Case 56	12	111,722,196	112,230,413	2	1	3	0
Case 56	12	112,230,515	113,523,505	2	2	4	0
Case 56	12	113,528,588	114,169,390	2	1	3	0
Case 56	12	114,169,592	115,102,961	2	2	4	0
Case 56	12	115,110,028	115,353,849	2	1	3	0
Case 56	12	115,360,866	115,678,310	2	2	4	0

Case 56	12	115,680,290	116,063,191	2	1	3	0
Case 56	12	116,067,844	116,408,538	2	2	4	0
Case 56	12	116,421,024	116,460,307	2	1	3	0
Case 56	12	116,474,353	117,150,050	2	2	4	0
Case 56	12	117,153,263	117,549,739	2	1	3	0
Case 56	12	117,557,799	118,441,838	2	2	4	0
Case 56	12	118,449,542	118,888,731	2	1	3	0
Case 56	12	118,889,196	119,814,778	2	2	4	0
Case 56	12	119,817,228	119,985,871	2	1	3	0
Case 56	12	119,986,882	120,058,092	2	2	4	0
Case 56	12	120,060,108	121,240,862	2	1	3	0
Case 56	12	121,242,102	121,448,918	2	2	4	0
Case 56	12	121,454,148	121,598,766	2	1	3	0
Case 56	12	121,600,238	121,950,655	2	2	4	0
Case 56	12	121,951,102	125,497,102	2	1	3	0
Case 56	12	125,497,128	128,767,084	2	2	4	0
Case 56	12	128,768,870	132,405,748	2	0	2	1
Case 56	12	132,405,765	133,810,935	2	1	3	0
Case 56	13	19,058,717	20,906,284	2	0	2	1
Case 56	13	20,910,048	21,007,342	3	0	3	1
Case 56	13	21,013,995	21,725,633	2	0	2	1
Case 56	13	21,728,755	21,746,637	2	1	3	0
Case 56	13	21,747,051	115,103,529	2	0	2	1
Case 56	14	19,280,733	20,404,736	2	1	3	0
Case 56	14	20,416,499	20,841,162	2	2	4	0
Case 56	14	20,841,193	20,876,621	2	1	3	0
Case 56	14	20,879,311	21,424,041	2	2	4	0
Case 56	14	21,424,117	21,503,551	2	1	3	0
Case 56	14	21,503,795	21,792,781	2	2	4	0
Case 56	14	21,792,807	22,058,329	2	1	3	0
Case 56	14	22,069,068	23,041,057	2	2	4	0
Case 56	14	23,041,489	23,392,270	2	1	3	0
Case 56	14	23,393,548	23,495,443	2	2	4	0
Case 56	14	23,502,746	24,908,184	2	1	3	0
Case 56	14	24,908,266	40,863,544	2	2	4	0
Case 56	14	40,864,467	40,964,161	2	1	3	0
Case 56	14	40,964,560	50,009,589	2	2	4	0
Case 56	14	50,012,325	50,251,694	2	1	3	0
Case 56	14	50,251,957	51,223,460	2	2	4	0
Case 56	14	51,223,789	51,245,506	2	1	3	0
Case 56	14	51,245,666	51,343,599	2	2	4	0
Case 56	14	51,345,537	51,492,961	2	1	3	0
Case 56	14	51,494,228	52,452,574	2	2	4	0
Case 56	14	52,454,987	52,742,714	2	1	3	0
Case 56	14	52,748,462	59,825,872	2	2	4	0
Case 56	14	59,826,182	60,087,910	2	1	3	0
Case 56	14	60,092,082	64,676,162	2	2	4	0
Case 56	14	64,676,760	64,692,110	2	1	3	0
Case 56	14	64,692,465	65,159,685	2	2	4	0
Case 56	14	65,160,584	65,270,718	2	1	3	0
Case 56	14	65,270,763	68,035,439	2	2	4	0
Case 56	14	68,035,879	68,060,375	2	1	3	0
Case 56	14	68,065,034	68,235,303	2	2	4	0
Case 56	14	68,236,320	68,352,648	2	1	3	0
Case 56	14	68,352,656	69,434,387	2	2	4	0
Case 56	14	69,438,984	69,820,414	2	1	3	0
Case 56	14	69,820,946	70,049,125	2	2	4	0
Case 56	14	70,054,406	70,364,372	2	1	3	0
Case 56	14	70,366,409	71,197,570	2	2	4	0
Case 56	14	71,197,581	71,258,159	2	1	3	0
Case 56	14	71,260,091	72,941,207	2	2	4	0

Case 56	14	72,941,379	72,996,075	2	1	3	0
Case 56	14	73,006,255	73,316,539	2	2	4	0
Case 56	14	73,317,850	74,235,727	2	1	3	0
Case 56	14	74,241,688	74,245,607	1	0	1	0
Case 56	14	74,249,810	74,360,573	2	2	4	0
Case 56	14	74,363,031	74,727,582	2	1	3	0
Case 56	14	74,728,201	74,954,327	2	2	4	0
Case 56	14	74,956,568	75,415,262	2	1	3	0
Case 56	14	75,416,199	76,088,479	2	2	4	0
Case 56	14	76,090,978	76,372,254	2	1	3	0
Case 56	14	76,373,861	77,236,328	2	2	4	0
Case 56	14	77,236,380	77,297,139	2	1	3	0
Case 56	14	77,297,641	77,625,775	2	2	4	0
Case 56	14	77,628,472	78,416,194	2	1	3	0
Case 56	14	78,421,058	78,573,729	2	2	4	0
Case 56	14	78,573,899	78,750,987	2	1	3	0
Case 56	14	78,757,435	88,651,913	2	2	4	0
Case 56	14	88,651,919	88,715,527	2	1	3	0
Case 56	14	88,719,598	90,754,926	2	2	4	0
Case 56	14	90,754,937	90,788,934	2	1	3	0
Case 56	14	90,791,501	91,557,911	2	2	4	0
Case 56	14	91,563,816	91,874,659	2	1	3	0
Case 56	14	91,874,956	92,491,749	2	2	4	0
Case 56	14	92,493,436	92,588,192	2	1	3	0
Case 56	14	92,592,758	93,649,713	2	2	4	0
Case 56	14	93,649,793	94,088,889	2	1	3	0
Case 56	14	94,089,088	94,402,293	2	2	4	0
Case 56	14	94,404,062	94,557,404	2	1	3	0
Case 56	14	94,559,984	94,844,866	2	2	4	0
Case 56	14	94,844,884	94,862,830	2	1	3	0
Case 56	14	94,864,193	95,662,391	2	2	4	0
Case 56	14	95,662,845	95,786,084	2	1	3	0
Case 56	14	95,790,047	95,905,972	2	2	4	0
Case 56	14	95,906,036	95,921,869	2	1	3	0
Case 56	14	95,921,904	97,150,802	2	2	4	0
Case 56	14	97,153,198	97,365,090	2	1	3	0
Case 56	14	97,371,939	99,470,256	2	2	4	0
Case 56	14	99,470,354	101,351,011	2	1	3	0
Case 56	14	101,356,010	102,300,526	2	2	4	0
Case 56	14	102,302,907	102,963,966	2	1	3	0
Case 56	14	102,964,008	103,394,830	2	2	4	0
Case 56	14	103,396,004	103,601,652	2	1	3	0
Case 56	14	103,602,278	103,847,274	2	2	4	0
Case 56	14	103,851,272	104,220,547	2	1	3	0
Case 56	14	104,222,892	104,470,602	2	2	4	0
Case 56	14	104,471,719	104,646,326	2	1	3	0
Case 56	14	104,646,717	105,037,425	2	2	4	0
Case 56	14	105,040,988	105,644,421	2	1	3	0
Case 56	14	105,646,179	105,746,797	2	2	4	0
Case 56	14	105,751,271	106,020,366	2	1	3	0
Case 56	14	106,047,905	106,137,467	1	0	1	0
Case 56	14	106,175,202	107,287,663	2	1	3	0
Case 56	15	20,034,919	66,813,446	1	1	2	0
Case 56	15	66,813,452	66,909,669	2	1	3	0
Case 56	15	66,921,642	66,921,642	3	1	4	0
Case 56	15	66,924,801	88,285,061	1	1	2	0
Case 56	15	88,290,509	102,461,162	2	1	3	0
Case 56	16	88,165	775,861	3	0	3	1
Case 56	16	775,878	843,183	2	0	2	1
Case 56	16	843,199	35,285,582	3	0	3	1
Case 56	16	46,450,037	67,206,872	3	0	3	1

Case 56	16	67,207,933	67,223,003	2	0	2	1
Case 56	16	67,223,042	78,284,812	3	0	3	1
Case 56	16	78,291,853	78,344,118	2	0	2	1
Case 56	16	78,345,435	78,581,206	3	0	3	1
Case 56	16	78,584,616	78,706,825	2	0	2	1
Case 56	16	78,711,205	78,787,891	3	0	3	1
Case 56	16	78,789,322	78,899,407	2	0	2	1
Case 56	16	78,900,527	90,274,695	3	0	3	1
Case 56	17	11,885	22,242,355	2	0	2	1
Case 56	17	25,268,142	27,076,072	2	0	2	1
Case 56	17	27,076,453	27,286,851	7	0	7	1
Case 56	17	27,290,989	27,438,782	2	0	2	1
Case 56	17	27,442,042	27,911,557	7	0	7	1
Case 56	17	27,917,771	31,355,299	2	0	2	1
Case 56	17	31,355,376	31,458,970	3	0	3	1
Case 56	17	31,463,409	34,436,708	2	0	2	1
Case 56	17	34,443,811	34,461,869	3	2	5	0
Case 56	17	34,462,907	34,597,521	5	1	6	0
Case 56	17	34,815,551	35,263,956	2	0	2	1
Case 56	17	35,272,108	35,378,312	7	0	7	1
Case 56	17	35,388,558	35,736,240	2	0	2	1
Case 56	17	35,740,855	36,129,442	7	0	7	1
Case 56	17	36,131,437	36,605,490	2	0	2	1
Case 56	17	36,612,948	36,777,379	7	0	7	1
Case 56	17	36,798,187	37,668,488	2	0	2	1
Case 56	17	37,676,209	37,985,732	7	0	7	1
Case 56	17	38,010,815	66,659,235	2	0	2	1
Case 56	17	66,659,442	66,748,998	3	0	3	1
Case 56	17	66,751,902	81,060,040	2	0	2	1
Case 56	18	87,505	2,925,284	2	0	2	1
Case 56	18	2,925,293	3,256,112	3	0	3	1
Case 56	18	3,260,924	6,649,599	2	0	2	1
Case 56	18	6,649,965	6,741,913	3	0	3	1
Case 56	18	6,752,265	15,375,878	2	0	2	1
Case 56	18	18,520,354	18,539,806	2	0	2	1
Case 56	18	18,546,896	19,814,796	2	1	3	0
Case 56	18	19,823,874	20,066,155	7	0	7	1
Case 56	18	20,072,571	20,072,571	1	1	2	0
Case 56	18	20,073,756	20,777,414	2	1	3	0
Case 56	18	20,782,046	22,419,593	2	0	2	1
Case 56	18	22,421,429	22,434,319	7	0	7	1
Case 56	18	22,437,586	78,015,180	2	0	2	1
Case 56	19	260,912	6,534,985	2	1	3	0
Case 56	19	6,535,064	6,664,054	2	2	4	0
Case 56	19	6,665,020	13,431,565	2	1	3	0
Case 56	19	13,433,127	13,803,170	2	2	4	0
Case 56	19	13,811,279	14,991,887	2	1	3	0
Case 56	19	14,991,963	15,163,018	2	2	4	0
Case 56	19	15,163,075	15,683,159	2	1	3	0
Case 56	19	15,683,645	15,752,023	2	2	4	0
Case 56	19	15,752,137	15,809,098	2	1	3	0
Case 56	19	15,809,248	16,171,361	2	2	4	0
Case 56	19	16,172,739	20,003,341	2	1	3	0
Case 56	19	20,003,485	22,811,667	2	2	4	0
Case 56	19	22,816,867	23,656,420	2	1	3	0
Case 56	19	23,661,800	24,378,000	2	2	4	0
Case 56	19	24,379,583	24,629,285	2	1	3	0
Case 56	19	27,732,159	27,763,440	2	1	3	0
Case 56	19	27,801,814	41,350,895	3	1	4	0
Case 56	19	41,351,935	41,985,587	2	1	3	0
Case 56	19	41,985,802	42,049,821	3	1	4	0



Case 56	19	42,053,936	43,576,030	2	1	3	0
Case 56	19	43,580,748	43,590,229	2	0	2	1
Case 56	19	43,603,371	43,772,026	0	0	0	0
Case 56	19	43,772,049	43,772,302	2	0	2	1
Case 56	19	43,802,290	43,805,328	2	1	3	0
Case 56	19	43,805,731	43,964,028	3	1	4	0
Case 56	19	43,965,664	44,419,263	2	1	3	0
Case 56	19	44,429,120	44,501,481	3	1	4	0
Case 56	19	44,506,249	44,891,838	2	1	3	0
Case 56	19	44,892,034	45,016,116	3	1	4	0
Case 56	19	45,016,506	45,028,231	2	1	3	0
Case 56	19	45,028,250	45,092,366	3	1	4	0
Case 56	19	45,092,942	47,947,982	2	1	3	0
Case 56	19	47,948,228	48,289,303	3	1	4	0
Case 56	19	48,292,018	51,297,825	2	1	3	0
Case 56	19	51,297,826	51,379,893	3	1	4	0
Case 56	19	51,379,895	52,627,207	2	1	3	0
Case 56	19	52,627,349	52,847,713	3	1	4	0
Case 56	19	52,847,988	52,928,039	2	1	3	0
Case 56	19	52,929,255	53,169,992	3	1	4	0
Case 56	19	53,177,758	53,741,667	2	1	3	0
Case 56	19	53,741,744	53,877,534	3	1	4	0
Case 56	19	53,877,704	56,379,088	2	1	3	0
Case 56	19	56,379,178	56,463,023	3	1	4	0
Case 56	19	56,463,913	56,743,681	2	1	3	0
Case 56	19	56,745,782	56,901,457	3	1	4	0
Case 56	19	56,901,743	57,139,555	2	1	3	0
Case 56	19	57,145,434	57,286,130	3	1	4	0
Case 56	19	57,286,222	57,359,432	2	1	3	0
Case 56	19	57,372,498	57,640,185	3	1	4	0
Case 56	19	57,640,333	57,956,828	2	1	3	0
Case 56	19	57,961,612	58,005,406	3	1	4	0
Case 56	19	58,010,642	58,353,003	2	1	3	0
Case 56	19	58,354,265	58,436,020	3	1	4	0
Case 56	19	58,436,041	58,774,064	2	1	3	0
Case 56	19	58,774,071	58,799,781	3	1	4	0
Case 56	19	58,805,464	59,097,160	2	1	3	0
Case 56	20	63,244	351,944	2	2	4	0
Case 56	20	352,717	426,433	2	1	3	0
Case 56	20	428,553	720,604	2	2	4	0
Case 56	20	724,578	757,498	2	1	3	0
Case 56	20	759,315	1,344,974	2	2	4	0
Case 56	20	1,346,236	1,467,917	2	1	3	0
Case 56	20	1,468,516	1,539,444	2	2	4	0
Case 56	20	1,543,409	2,327,417	2	1	3	0
Case 56	20	2,327,695	2,367,161	2	2	4	0
Case 56	20	2,371,782	2,474,429	2	1	3	0
Case 56	20	2,474,529	2,760,705	2	2	4	0
Case 56	20	2,761,098	4,081,175	2	1	3	0
Case 56	20	4,087,050	4,596,392	2	2	4	0
Case 56	20	4,597,326	4,701,211	2	1	3	0
Case 56	20	4,702,964	4,762,869	2	2	4	0
Case 56	20	4,763,108	5,554,614	2	1	3	0
Case 56	20	5,560,671	5,843,812	2	2	4	0
Case 56	20	5,843,912	5,904,558	2	1	3	0
Case 56	20	5,905,779	10,538,389	2	2	4	0
Case 56	20	10,549,503	10,656,087	2	1	3	0
Case 56	20	10,669,188	14,550,380	2	2	4	0
Case 56	20	14,553,745	14,705,888	2	0	2	1
Case 56	20	14,713,890	14,827,620	0	0	0	0
Case 56	20	14,833,762	14,927,862	1	0	1	0

Case 56	20	14,931,186	15,061,394	2	0	2	1
Case 56	20	15,063,214	15,171,838	0	0	0	0
Case 56	20	15,179,023	15,454,466	2	0	2	1
Case 56	20	15,455,573	16,317,350	2	2	4	0
Case 56	20	16,317,636	16,506,769	2	1	3	0
Case 56	20	16,507,826	18,142,924	2	2	4	0
Case 56	20	18,143,045	18,192,251	2	1	3	0
Case 56	20	18,196,732	19,920,183	2	2	4	0
Case 56	20	19,921,187	20,079,447	2	1	3	0
Case 56	20	20,079,500	20,180,422	2	2	4	0
Case 56	20	20,182,561	20,804,684	2	1	3	0
Case 56	20	20,805,089	23,015,092	2	2	4	0
Case 56	20	23,016,706	23,077,649	2	1	3	0
Case 56	20	23,080,100	23,231,946	2	2	4	0
Case 56	20	23,237,371	23,548,948	2	1	3	0
Case 56	20	23,548,992	23,778,522	2	2	4	0
Case 56	20	23,779,830	24,023,073	2	1	3	0
Case 56	20	24,023,945	24,666,100	2	2	4	0
Case 56	20	24,667,400	26,293,985	2	1	3	0
Case 56	20	29,425,357	32,453,576	2	1	3	0
Case 56	20	32,454,413	33,095,891	2	2	4	0
Case 56	20	33,100,250	34,288,536	2	1	3	0
Case 56	20	34,288,854	35,060,236	2	2	4	0
Case 56	20	35,060,338	36,174,062	2	1	3	0
Case 56	20	36,174,175	36,842,883	2	2	4	0
Case 56	20	36,845,698	37,881,482	2	1	3	0
Case 56	20	37,884,312	39,775,494	2	2	4	0
Case 56	20	39,782,899	40,076,438	2	1	3	0
Case 56	20	40,078,085	42,237,067	2	2	4	0
Case 56	20	42,241,866	42,375,432	2	1	3	0
Case 56	20	42,383,192	42,874,509	2	2	4	0
Case 56	20	42,885,803	43,020,103	2	1	3	0
Case 56	20	43,022,873	43,135,538	2	2	4	0
Case 56	20	43,135,556	43,425,523	2	1	3	0
Case 56	20	43,430,490	43,721,493	2	2	4	0
Case 56	20	43,723,569	44,695,817	2	1	3	0
Case 56	20	44,697,221	45,121,949	2	2	4	0
Case 56	20	45,125,954	45,181,468	2	1	3	0
Case 56	20	45,182,197	45,224,837	2	2	4	0
Case 56	20	45,224,933	45,354,349	2	1	3	0
Case 56	20	45,354,351	45,770,401	2	2	4	0
Case 56	20	45,771,231	46,313,221	2	1	3	0
Case 56	20	46,313,974	46,794,656	2	2	4	0
Case 56	20	46,795,103	46,967,667	2	1	3	0
Case 56	20	46,968,735	47,241,358	2	2	4	0
Case 56	20	47,241,618	47,274,733	2	1	3	0
Case 56	20	47,276,381	47,806,334	2	2	4	0
Case 56	20	47,817,815	47,953,769	2	1	3	0
Case 56	20	47,955,131	48,085,832	2	2	4	0
Case 56	20	48,087,871	48,166,725	2	1	3	0
Case 56	20	48,167,203	48,221,933	2	2	4	0
Case 56	20	48,231,141	48,325,554	2	1	3	0
Case 56	20	48,330,197	56,179,819	2	2	4	0
Case 56	20	56,181,949	56,252,260	2	1	3	0
Case 56	20	56,252,956	60,594,886	2	2	4	0
Case 56	20	60,598,060	60,909,518	2	1	3	0
Case 56	20	60,910,124	61,382,667	2	2	4	0
Case 56	20	61,384,043	61,543,320	2	1	3	0
Case 56	20	61,544,714	62,092,342	2	2	4	0
Case 56	20	62,099,296	62,194,360	2	1	3	0
Case 56	20	62,194,374	62,196,987	2	2	4	0

Case 56	20	62,197,089	62,948,788	2	1	3	0
Case 56	21	10,827,533	10,971,337	2	1	3	0
Case 56	21	14,368,320	15,639,282	2	1	3	0
Case 56	21	15,641,852	16,116,012	2	2	4	0
Case 56	21	16,116,306	16,339,797	2	1	3	0
Case 56	21	16,339,852	16,871,764	2	2	4	0
Case 56	21	16,874,691	17,744,507	2	1	3	0
Case 56	21	17,745,383	19,640,558	2	2	4	0
Case 56	21	19,642,285	19,844,745	2	1	3	0
Case 56	21	19,845,142	27,037,132	2	2	4	0
Case 56	21	27,052,625	27,194,869	2	1	3	0
Case 56	21	27,195,389	29,512,586	2	2	4	0
Case 56	21	29,514,609	30,888,935	2	1	3	0
Case 56	21	30,890,875	31,690,846	2	2	4	0
Case 56	21	31,691,571	31,744,555	2	1	3	0
Case 56	21	31,753,700	32,489,557	2	2	4	0
Case 56	21	32,490,292	33,388,230	2	1	3	0
Case 56	21	33,392,803	33,583,831	2	2	4	0
Case 56	21	33,584,340	34,308,197	2	1	3	0
Case 56	21	34,309,113	34,635,801	2	2	4	0
Case 56	21	34,640,722	35,571,906	2	1	3	0
Case 56	21	35,572,727	37,128,336	2	2	4	0
Case 56	21	37,131,690	37,619,868	2	1	3	0
Case 56	21	37,619,914	38,184,059	2	2	4	0
Case 56	21	38,185,881	38,401,539	2	1	3	0
Case 56	21	38,409,876	40,455,048	2	2	4	0
Case 56	21	40,465,178	40,795,346	2	1	3	0
Case 56	21	40,795,408	42,426,742	2	2	4	0
Case 56	21	42,428,264	42,909,862	2	1	3	0
Case 56	21	42,912,973	43,160,015	2	2	4	0
Case 56	21	43,160,438	43,319,984	2	1	3	0
Case 56	21	43,321,283	43,708,059	2	2	4	0
Case 56	21	43,708,097	44,092,814	2	1	3	0
Case 56	21	44,096,673	44,271,989	2	2	4	0
Case 56	21	44,272,374	46,326,929	2	1	3	0
Case 56	21	46,327,835	46,670,457	2	2	4	0
Case 56	21	46,670,812	48,100,155	2	1	3	0
Case 56	22	16,114,244	17,177,906	2	1	3	0
Case 56	22	17,178,230	17,932,686	2	2	4	0
Case 56	22	17,937,630	19,529,130	2	1	3	0
Case 56	22	19,534,856	19,737,621	2	2	4	0
Case 56	22	19,738,355	20,891,545	2	1	3	0
Case 56	22	20,896,926	21,135,346	2	2	4	0
Case 56	22	21,138,369	22,453,239	2	1	3	0
Case 56	22	22,454,680	22,457,546	1	0	1	0
Case 56	22	22,464,245	22,554,577	2	2	4	0
Case 56	22	22,555,078	23,803,722	2	1	3	0
Case 56	22	23,813,258	23,912,723	2	2	4	0
Case 56	22	23,915,670	36,681,272	2	1	3	0
Case 56	22	36,681,327	36,755,498	2	0	2	1
Case 56	22	36,758,258	42,301,477	2	1	3	0
Case 56	22	42,302,464	42,454,950	2	2	4	0
Case 56	22	42,456,140	43,032,843	2	1	3	0
Case 56	22	43,041,545	43,193,929	2	2	4	0
Case 56	22	43,195,045	44,924,370	2	1	3	0
Case 56	22	44,924,394	45,121,864	2	2	4	0
Case 56	22	45,121,914	45,258,414	2	1	3	0
Case 56	22	45,258,422	45,337,329	2	2	4	0
Case 56	22	45,338,213	45,810,273	2	1	3	0
Case 56	22	45,811,362	45,970,029	2	2	4	0
Case 56	22	45,970,420	47,189,678	2	1	3	0

Case 56	22	47,191,699	47,706,502	2	2	4	0
Case 56	22	47,711,836	48,248,720	2	1	3	0
Case 56	22	48,250,736	49,198,744	2	2	4	0
Case 56	22	49,199,553	49,363,849	2	1	3	0
Case 56	22	49,364,119	49,419,836	2	2	4	0
Case 56	22	49,420,129	49,541,533	2	1	3	0
Case 56	22	49,542,106	49,749,712	2	2	4	0
Case 56	22	49,750,406	49,795,510	2	1	3	0
Case 56	22	49,796,800	49,878,293	2	2	4	0
Case 56	22	49,887,506	51,195,728	2	1	3	0
Case 59	1	82,154	1,763,774	1	1	2	0
Case 59	1	1,776,269	1,846,765	2	1	3	0
Case 59	1	1,847,531	2,000,592	1	1	2	0
Case 59	1	2,004,098	2,051,513	2	1	3	0
Case 59	1	2,056,735	2,185,886	1	1	2	0
Case 59	1	2,189,580	2,221,222	2	1	3	0
Case 59	1	2,221,534	2,305,965	1	1	2	0
Case 59	1	2,306,152	2,309,082	2	1	3	0
Case 59	1	2,310,193	2,326,009	1	1	2	0
Case 59	1	2,327,075	2,336,210	2	1	3	0
Case 59	1	2,338,015	2,749,921	1	1	2	0
Case 59	1	2,750,437	2,876,525	2	1	3	0
Case 59	1	2,878,366	3,000,465	1	1	2	0
Case 59	1	3,000,924	3,057,661	2	1	3	0
Case 59	1	3,062,361	3,149,145	1	1	2	0
Case 59	1	3,150,345	3,208,375	2	1	3	0
Case 59	1	3,208,830	3,241,829	1	1	2	0
Case 59	1	3,243,017	3,261,682	2	1	3	0
Case 59	1	3,261,925	3,294,422	1	1	2	0
Case 59	1	3,294,972	3,325,037	2	1	3	0
Case 59	1	3,327,949	3,348,629	1	1	2	0
Case 59	1	3,349,513	3,377,442	2	1	3	0
Case 59	1	3,380,057	3,740,089	1	1	2	0
Case 59	1	3,741,782	3,750,449	2	1	3	0
Case 59	1	3,750,491	4,002,832	1	1	2	0
Case 59	1	4,002,958	4,007,110	2	1	3	0
Case 59	1	4,007,558	4,007,688	2	0	2	1
Case 59	1	4,009,071	4,210,455	1	0	1	0
Case 59	1	4,212,493	4,263,677	1	1	2	0
Case 59	1	4,263,997	4,293,892	2	1	3	0
Case 59	1	4,294,000	4,335,893	1	1	2	0
Case 59	1	4,341,843	4,370,385	2	1	3	0
Case 59	1	4,370,489	4,380,518	1	1	2	0
Case 59	1	4,380,629	4,398,996	2	1	3	0
Case 59	1	4,401,450	4,406,674	2	0	2	1
Case 59	1	4,409,496	4,591,622	1	0	1	0
Case 59	1	4,592,382	4,596,700	1	1	2	0
Case 59	1	4,598,021	4,641,742	2	1	3	0
Case 59	1	4,643,432	4,851,303	1	1	2	0
Case 59	1	4,852,907	5,019,553	2	0	2	1
Case 59	1	5,021,200	5,043,734	1	0	1	0
Case 59	1	5,047,038	5,246,626	1	1	2	0
Case 59	1	5,246,841	5,277,437	2	1	3	0
Case 59	1	5,277,439	5,318,552	1	1	2	0
Case 59	1	5,320,534	5,347,627	1	0	1	0
Case 59	1	5,347,979	5,362,345	1	1	2	0
Case 59	1	5,369,798	5,421,533	2	1	3	0
Case 59	1	5,424,374	6,039,254	1	1	2	0
Case 59	1	6,043,809	6,070,870	2	1	3	0
Case 59	1	6,079,392	6,104,002	1	1	2	0
Case 59	1	6,104,715	6,162,645	2	1	3	0

Case 59	1	6,165,279	74,560,603	1	1	2	0
Case 59	1	74,561,386	74,649,321	2	1	3	0
Case 59	1	74,654,182	76,331,320	1	1	2	0
Case 59	1	76,342,180	76,382,664	2	1	3	0
Case 59	1	76,383,297	91,730,806	1	1	2	0
Case 59	1	91,739,270	91,866,635	2	1	3	0
Case 59	1	91,872,374	92,704,761	1	1	2	0
Case 59	1	92,707,504	92,733,663	2	1	3	0
Case 59	1	92,735,301	93,646,433	1	1	2	0
Case 59	1	93,651,547	93,730,427	2	1	3	0
Case 59	1	93,741,025	115,437,986	1	1	2	0
Case 59	1	115,453,062	115,537,933	2	1	3	0
Case 59	1	115,542,887	121,346,616	1	1	2	0
Case 59	1	142,649,718	145,747,065	1	1	2	0
Case 59	1	145,747,463	146,516,199	2	1	3	0
Case 59	1	146,517,465	146,612,482	1	1	2	0
Case 59	1	146,625,065	146,982,763	2	1	3	0
Case 59	1	146,982,884	147,022,697	1	1	2	0
Case 59	1	147,023,894	147,082,026	2	1	3	0
Case 59	1	147,083,744	147,245,324	1	1	2	0
Case 59	1	147,246,793	147,355,294	2	1	3	0
Case 59	1	147,357,928	149,955,163	1	1	2	0
Case 59	1	149,968,717	150,199,062	2	1	3	0
Case 59	1	150,199,123	150,608,894	1	1	2	0
Case 59	1	150,615,094	150,900,260	2	1	3	0
Case 59	1	150,900,342	151,038,135	1	1	2	0
Case 59	1	151,039,609	151,104,598	2	1	3	0
Case 59	1	151,105,169	151,168,286	1	1	2	0
Case 59	1	151,173,113	151,288,172	2	1	3	0
Case 59	1	151,288,698	151,340,762	1	1	2	0
Case 59	1	151,341,417	151,477,193	2	1	3	0
Case 59	1	151,488,782	151,546,855	1	1	2	0
Case 59	1	151,547,253	151,734,961	2	1	3	0
Case 59	1	151,735,493	151,809,066	1	1	2	0
Case 59	1	151,814,405	152,056,368	2	1	3	0
Case 59	1	152,057,472	152,085,900	1	1	2	0
Case 59	1	152,086,420	152,128,139	2	1	3	0
Case 59	1	152,128,178	152,193,741	1	1	2	0
Case 59	1	152,193,851	152,275,177	2	1	3	0
Case 59	1	152,275,273	152,286,967	1	1	2	0
Case 59	1	152,287,078	152,321,344	2	1	3	0
Case 59	1	152,322,042	152,958,133	1	1	2	0
Case 59	1	152,958,166	153,265,527	2	1	3	0
Case 59	1	153,270,461	153,320,401	1	1	2	0
Case 59	1	153,322,574	153,329,071	2	1	3	0
Case 59	1	153,330,787	153,964,542	1	1	2	0
Case 59	1	153,965,322	154,127,427	2	1	3	0
Case 59	1	154,127,482	154,551,032	1	1	2	0
Case 59	1	154,554,357	154,811,127	2	1	3	0
Case 59	1	154,811,420	155,309,128	1	1	2	0
Case 59	1	155,311,840	155,899,631	2	1	3	0
Case 59	1	155,904,392	156,255,396	1	1	2	0
Case 59	1	156,255,448	156,338,968	2	1	3	0
Case 59	1	156,339,047	156,640,667	1	1	2	0
Case 59	1	156,640,678	156,706,501	2	1	3	0
Case 59	1	156,707,553	156,933,003	1	1	2	0
Case 59	1	156,933,019	157,484,453	2	1	3	0
Case 59	1	157,484,575	157,512,819	1	1	2	0
Case 59	1	157,513,569	157,545,231	2	1	3	0
Case 59	1	157,545,384	157,826,691	1	1	2	0
Case 59	1	157,830,947	157,977,753	2	1	3	0

Case 59	1	157,982,579	158,726,746	1	1	2	0
Case 59	1	158,729,346	158,754,813	2	1	3	0
Case 59	1	158,756,275	158,884,519	1	1	2	0
Case 59	1	158,887,208	159,002,410	2	1	3	0
Case 59	1	159,005,035	159,284,386	1	1	2	0
Case 59	1	159,292,850	159,682,233	2	1	3	0
Case 59	1	159,682,528	159,685,136	1	1	2	0
Case 59	1	159,686,483	159,732,811	2	1	3	0
Case 59	1	159,736,139	160,191,429	1	1	2	0
Case 59	1	160,192,473	160,249,363	2	1	3	0
Case 59	1	160,249,384	160,395,047	1	1	2	0
Case 59	1	160,398,019	160,513,183	2	1	3	0
Case 59	1	160,516,145	160,535,331	1	1	2	0
Case 59	1	160,535,367	160,600,319	2	1	3	0
Case 59	1	160,602,248	160,811,621	1	1	2	0
Case 59	1	160,811,647	160,844,745	2	1	3	0
Case 59	1	160,845,701	160,921,230	1	1	2	0
Case 59	1	160,922,195	161,014,727	2	1	3	0
Case 59	1	161,015,268	161,051,558	1	1	2	0
Case 59	1	161,053,773	161,123,156	2	1	3	0
Case 59	1	161,123,804	161,721,771	1	1	2	0
Case 59	1	161,723,013	161,915,501	2	1	3	0
Case 59	1	161,924,749	161,998,155	1	1	2	0
Case 59	1	162,000,398	162,039,394	2	1	3	0
Case 59	1	162,040,878	162,168,116	1	1	2	0
Case 59	1	162,168,958	162,278,552	2	1	3	0
Case 59	1	162,281,028	162,346,559	1	1	2	0
Case 59	1	162,348,637	162,606,728	2	1	3	0
Case 59	1	162,613,122	162,887,988	1	1	2	0
Case 59	1	162,889,506	162,934,692	2	1	3	0
Case 59	1	162,938,179	163,044,301	1	1	2	0
Case 59	1	163,046,351	163,142,168	2	1	3	0
Case 59	1	163,142,555	163,297,381	1	1	2	0
Case 59	1	163,298,037	165,173,272	2	1	3	0
Case 59	1	165,173,549	165,195,664	1	1	2	0
Case 59	1	165,196,400	165,497,692	2	1	3	0
Case 59	1	165,502,862	165,622,567	1	1	2	0
Case 59	1	165,622,662	165,666,448	2	1	3	0
Case 59	1	165,667,614	166,136,474	1	1	2	0
Case 59	1	166,147,182	166,808,253	2	1	3	0
Case 59	1	166,810,206	166,824,580	1	1	2	0
Case 59	1	166,824,846	166,892,001	2	1	3	0
Case 59	1	166,895,500	167,102,492	1	1	2	0
Case 59	1	167,103,023	167,348,551	2	1	3	0
Case 59	1	167,355,192	167,495,738	1	1	2	0
Case 59	1	167,496,303	167,507,857	2	1	3	0
Case 59	1	167,509,563	167,679,477	1	1	2	0
Case 59	1	167,695,683	167,778,926	2	1	3	0
Case 59	1	167,778,932	167,817,632	1	1	2	0
Case 59	1	167,817,639	167,825,532	2	1	3	0
Case 59	1	167,825,606	168,073,601	1	1	2	0
Case 59	1	168,074,677	168,186,174	2	1	3	0
Case 59	1	168,194,927	168,406,461	1	1	2	0
Case 59	1	168,407,955	168,662,302	2	1	3	0
Case 59	1	168,664,450	168,725,876	1	1	2	0
Case 59	1	168,732,201	169,490,772	2	1	3	0
Case 59	1	169,493,953	169,762,047	1	1	2	0
Case 59	1	169,762,473	169,820,962	2	1	3	0
Case 59	1	169,821,055	169,886,587	1	1	2	0
Case 59	1	169,890,623	170,067,296	2	1	3	0
Case 59	1	170,068,509	170,171,702	1	1	2	0

Case 59	1	170,172,417	170,664,237	2	1	3	0
Case 59	1	170,688,935	170,814,360	1	1	2	0
Case 59	1	170,818,339	170,934,301	2	1	3	0
Case 59	1	170,934,311	171,118,840	1	1	2	0
Case 59	1	171,119,021	171,222,141	2	1	3	0
Case 59	1	171,222,180	171,289,803	1	1	2	0
Case 59	1	171,292,017	171,303,818	2	1	3	0
Case 59	1	171,304,819	171,405,186	1	1	2	0
Case 59	1	171,409,515	171,500,154	2	1	3	0
Case 59	1	171,501,752	171,537,387	1	1	2	0
Case 59	1	171,543,476	171,603,547	2	1	3	0
Case 59	1	171,605,081	171,839,720	1	1	2	0
Case 59	1	171,842,607	172,253,585	2	1	3	0
Case 59	1	172,254,193	172,504,825	1	1	2	0
Case 59	1	172,517,567	172,575,959	2	1	3	0
Case 59	1	172,579,244	172,936,636	1	1	2	0
Case 59	1	172,936,702	173,064,279	2	1	3	0
Case 59	1	173,064,777	173,266,578	1	1	2	0
Case 59	1	173,268,672	173,302,872	2	1	3	0
Case 59	1	173,305,632	173,362,457	1	1	2	0
Case 59	1	173,368,454	173,871,806	2	1	3	0
Case 59	1	173,873,176	173,884,075	1	1	2	0
Case 59	1	173,886,216	175,033,141	2	1	3	0
Case 59	1	175,033,798	175,198,786	1	1	2	0
Case 59	1	175,201,727	175,326,303	2	1	3	0
Case 59	1	175,327,147	175,448,463	1	1	2	0
Case 59	1	175,461,844	175,632,470	2	1	3	0
Case 59	1	175,636,696	175,904,809	1	1	2	0
Case 59	1	175,911,554	176,311,597	2	1	3	0
Case 59	1	176,345,142	177,081,676	1	1	2	0
Case 59	1	177,091,092	177,225,056	2	1	3	0
Case 59	1	177,226,503	177,300,379	1	1	2	0
Case 59	1	177,300,809	177,480,934	2	1	3	0
Case 59	1	177,482,125	177,751,488	1	1	2	0
Case 59	1	177,752,701	177,791,110	2	1	3	0
Case 59	1	177,791,775	177,968,616	1	1	2	0
Case 59	1	177,969,239	177,989,327	2	1	3	0
Case 59	1	177,991,255	178,084,797	1	1	2	0
Case 59	1	178,092,233	178,420,787	2	1	3	0
Case 59	1	178,426,850	178,665,593	1	1	2	0
Case 59	1	178,666,488	179,050,593	2	1	3	0
Case 59	1	179,051,300	179,087,875	1	1	2	0
Case 59	1	179,089,491	179,608,461	2	1	3	0
Case 59	1	179,609,549	179,852,074	1	1	2	0
Case 59	1	179,853,844	180,065,048	2	1	3	0
Case 59	1	180,067,988	180,166,008	1	1	2	0
Case 59	1	180,167,090	180,194,498	2	1	3	0
Case 59	1	180,199,545	180,591,237	1	1	2	0
Case 59	1	180,596,196	180,849,494	2	1	3	0
Case 59	1	180,852,364	180,887,289	1	1	2	0
Case 59	1	180,888,910	181,012,229	2	1	3	0
Case 59	1	181,018,422	181,058,084	1	1	2	0
Case 59	1	181,058,796	181,131,180	2	1	3	0
Case 59	1	181,133,024	181,301,619	1	1	2	0
Case 59	1	181,307,883	181,358,407	2	1	3	0
Case 59	1	181,359,880	181,586,946	1	1	2	0
Case 59	1	181,588,041	181,727,273	2	1	3	0
Case 59	1	181,734,600	182,178,482	1	1	2	0
Case 59	1	182,178,847	182,353,075	2	1	3	0
Case 59	1	182,353,781	182,682,811	1	1	2	0
Case 59	1	182,684,087	183,095,375	2	1	3	0

Case 59	1	183,096,448	183,105,534	1	1	2	0
Case 59	1	183,105,709	183,172,548	2	1	3	0
Case 59	1	183,176,430	183,253,173	1	1	2	0
Case 59	1	183,253,213	183,516,241	2	1	3	0
Case 59	1	183,520,043	183,565,989	1	1	2	0
Case 59	1	183,581,914	183,835,393	2	1	3	0
Case 59	1	183,835,838	183,933,115	1	1	2	0
Case 59	1	183,933,498	184,323,468	2	1	3	0
Case 59	1	184,324,403	184,622,136	1	1	2	0
Case 59	1	184,639,886	184,747,087	2	1	3	0
Case 59	1	184,757,199	184,962,749	1	1	2	0
Case 59	1	184,966,133	186,072,727	2	1	3	0
Case 59	1	186,073,181	186,136,572	1	1	2	0
Case 59	1	186,139,951	186,275,744	2	1	3	0
Case 59	1	186,275,760	186,278,240	1	1	2	0
Case 59	1	186,280,235	186,851,216	2	1	3	0
Case 59	1	186,852,597	186,952,409	1	1	2	0
Case 59	1	186,953,521	187,435,132	2	1	3	0
Case 59	1	187,435,580	187,530,283	1	1	2	0
Case 59	1	187,531,027	192,770,933	2	1	3	0
Case 59	1	192,777,564	192,802,381	1	1	2	0
Case 59	1	192,810,167	197,070,906	2	1	3	0
Case 59	1	197,070,953	197,073,318	1	1	2	0
Case 59	1	197,073,396	197,192,918	2	1	3	0
Case 59	1	197,202,483	197,473,318	1	1	2	0
Case 59	1	197,479,723	197,810,277	2	1	3	0
Case 59	1	197,811,282	197,929,497	1	1	2	0
Case 59	1	197,949,082	198,540,028	2	1	3	0
Case 59	1	198,541,326	198,671,653	1	1	2	0
Case 59	1	198,672,299	200,843,212	2	1	3	0
Case 59	1	200,843,768	201,046,205	1	1	2	0
Case 59	1	201,047,075	201,079,088	2	1	3	0
Case 59	1	201,079,344	201,109,903	1	1	2	0
Case 59	1	201,109,984	201,175,274	2	1	3	0
Case 59	1	201,175,648	201,187,954	1	1	2	0
Case 59	1	201,188,328	201,251,316	2	1	3	0
Case 59	1	201,252,866	201,401,025	1	1	2	0
Case 59	1	201,407,782	201,839,932	2	1	3	0
Case 59	1	201,840,210	201,891,254	1	1	2	0
Case 59	1	201,892,257	202,233,116	2	1	3	0
Case 59	1	202,239,771	202,300,127	1	1	2	0
Case 59	1	202,302,232	202,710,706	2	1	3	0
Case 59	1	202,710,733	202,847,719	2	0	2	1
Case 59	1	202,847,929	202,925,256	3	0	3	1
Case 59	1	202,926,513	203,767,030	2	0	2	1
Case 59	1	203,767,822	203,985,706	3	0	3	1
Case 59	1	203,996,314	204,438,908	2	0	2	1
Case 59	1	204,446,313	204,523,263	3	0	3	1
Case 59	1	204,551,830	204,734,495	2	0	2	1
Case 59	1	204,735,453	204,889,532	3	0	3	1
Case 59	1	204,891,547	205,053,315	2	0	2	1
Case 59	1	205,054,114	205,195,831	3	0	3	1
Case 59	1	205,209,530	205,662,977	2	0	2	1
Case 59	1	205,676,263	205,762,139	3	0	3	1
Case 59	1	205,762,406	207,286,467	2	0	2	1
Case 59	1	207,287,187	207,578,284	3	0	3	1
Case 59	1	207,582,256	207,787,763	2	0	2	1
Case 59	1	207,790,018	208,004,898	3	0	3	1
Case 59	1	208,017,285	208,864,258	2	0	2	1
Case 59	1	208,866,218	209,118,888	3	0	3	1
Case 59	1	209,121,677	209,617,663	2	0	2	1



Case 59	1	209,619,557	209,720,842	3	0	3	1
Case 59	1	209,722,772	210,019,824	2	0	2	1
Case 59	1	210,020,971	210,399,652	3	0	3	1
Case 59	1	210,406,106	211,088,400	2	0	2	1
Case 59	1	211,089,156	211,645,082	3	0	3	1
Case 59	1	211,649,327	211,831,380	2	0	2	1
Case 59	1	211,832,827	212,324,488	3	0	3	1
Case 59	1	212,324,535	212,903,089	2	0	2	1
Case 59	1	212,909,744	213,071,341	3	0	3	1
Case 59	1	213,073,013	213,147,400	2	0	2	1
Case 59	1	213,161,171	213,437,680	3	0	3	1
Case 59	1	213,449,418	214,083,466	2	0	2	1
Case 59	1	214,084,142	214,457,286	3	0	3	1
Case 59	1	214,461,354	214,820,239	2	0	2	1
Case 59	1	214,820,265	215,799,170	3	0	3	1
Case 59	1	215,802,169	215,863,578	2	0	2	1
Case 59	1	215,868,952	215,990,508	3	0	3	1
Case 59	1	215,999,616	216,062,396	2	0	2	1
Case 59	1	216,063,246	216,220,364	3	0	3	1
Case 59	1	216,221,905	216,249,570	2	0	2	1
Case 59	1	216,251,594	216,905,328	3	0	3	1
Case 59	1	216,905,611	217,168,483	2	0	2	1
Case 59	1	217,172,606	218,038,479	3	0	3	1
Case 59	1	218,044,052	218,281,230	2	0	2	1
Case 59	1	218,282,929	218,393,022	3	0	3	1
Case 59	1	218,397,580	218,587,636	2	0	2	1
Case 59	1	218,596,461	219,470,069	3	0	3	1
Case 59	1	219,470,417	219,636,951	2	0	2	1
Case 59	1	219,641,900	219,748,779	3	0	3	1
Case 59	1	219,750,717	219,865,236	2	0	2	1
Case 59	1	219,866,299	219,931,859	3	0	3	1
Case 59	1	219,934,116	220,146,709	2	0	2	1
Case 59	1	220,151,999	220,379,347	3	0	3	1
Case 59	1	220,380,819	221,244,372	2	0	2	1
Case 59	1	221,255,989	221,876,222	3	0	3	1
Case 59	1	221,879,569	222,718,718	2	0	2	1
Case 59	1	222,719,037	222,801,103	3	0	3	1
Case 59	1	222,801,448	222,803,457	2	0	2	1
Case 59	1	222,803,465	223,176,145	3	0	3	1
Case 59	1	223,177,116	223,575,202	2	0	2	1
Case 59	1	223,579,329	223,644,406	3	0	3	1
Case 59	1	223,645,256	223,962,010	2	0	2	1
Case 59	1	223,962,660	224,495,852	3	0	3	1
Case 59	1	224,495,853	224,971,229	2	0	2	1
Case 59	1	224,972,014	225,555,679	3	0	3	1
Case 59	1	225,561,346	225,676,330	2	0	2	1
Case 59	1	225,679,697	225,909,711	3	0	3	1
Case 59	1	225,909,815	226,313,525	2	0	2	1
Case 59	1	226,317,841	226,548,791	3	0	3	1
Case 59	1	226,549,498	227,191,656	2	0	2	1
Case 59	1	227,192,477	227,602,770	3	0	3	1
Case 59	1	227,603,016	227,839,384	2	0	2	1
Case 59	1	227,842,385	228,424,600	3	0	3	1
Case 59	1	228,427,193	228,468,458	2	0	2	1
Case 59	1	228,469,801	228,475,581	3	0	3	1
Case 59	1	228,475,604	228,505,739	2	0	2	1
Case 59	1	228,506,687	228,558,725	3	0	3	1
Case 59	1	228,558,892	228,741,147	2	0	2	1
Case 59	1	228,783,329	228,995,219	3	0	3	1
Case 59	1	228,996,622	229,076,902	2	0	2	1
Case 59	1	229,077,631	229,642,652	3	0	3	1

Case 59	1	229,643,815	230,734,649	2	0	2	1
Case 59	1	230,735,580	230,822,832	3	0	3	1
Case 59	1	230,822,903	231,054,409	2	0	2	1
Case 59	1	231,056,266	231,090,578	3	0	3	1
Case 59	1	231,097,042	231,474,181	2	0	2	1
Case 59	1	231,476,789	231,816,842	3	0	3	1
Case 59	1	231,819,050	232,073,128	2	0	2	1
Case 59	1	232,074,973	232,227,786	3	0	3	1
Case 59	1	232,227,916	232,650,941	2	0	2	1
Case 59	1	232,651,909	232,873,994	3	0	3	1
Case 59	1	232,876,993	232,942,505	2	0	2	1
Case 59	1	232,942,679	232,977,131	3	0	3	1
Case 59	1	232,982,116	233,397,855	2	0	2	1
Case 59	1	233,397,909	233,742,345	3	0	3	1
Case 59	1	233,743,103	233,879,281	2	0	2	1
Case 59	1	233,887,113	234,011,119	3	0	3	1
Case 59	1	234,011,496	234,410,567	2	0	2	1
Case 59	1	234,411,855	234,656,596	3	0	3	1
Case 59	1	234,658,824	235,137,472	2	0	2	1
Case 59	1	235,152,757	235,647,783	3	0	3	1
Case 59	1	235,652,513	235,821,815	2	0	2	1
Case 59	1	235,826,583	236,087,324	3	0	3	1
Case 59	1	236,095,773	236,346,213	2	0	2	1
Case 59	1	236,347,143	236,441,037	3	0	3	1
Case 59	1	236,442,464	236,666,907	2	0	2	1
Case 59	1	236,668,845	236,682,308	3	0	3	1
Case 59	1	236,684,794	236,728,150	2	0	2	1
Case 59	1	236,729,956	236,895,000	3	0	3	1
Case 59	1	236,896,619	237,303,919	2	0	2	1
Case 59	1	237,304,812	237,617,757	3	0	3	1
Case 59	1	237,619,934	237,785,217	2	0	2	1
Case 59	1	237,788,786	237,975,768	3	0	3	1
Case 59	1	237,977,057	238,128,633	2	0	2	1
Case 59	1	238,154,347	238,725,567	3	0	3	1
Case 59	1	238,725,762	238,783,811	2	0	2	1
Case 59	1	238,785,675	239,916,015	3	0	3	1
Case 59	1	239,924,343	239,985,876	2	0	2	1
Case 59	1	239,988,849	240,025,977	3	0	3	1
Case 59	1	240,030,399	240,072,322	2	0	2	1
Case 59	1	240,072,504	240,135,971	3	0	3	1
Case 59	1	240,136,510	240,338,827	2	0	2	1
Case 59	1	240,339,812	240,600,551	3	0	3	1
Case 59	1	240,601,795	240,667,092	2	0	2	1
Case 59	1	240,667,391	240,891,609	3	0	3	1
Case 59	1	240,893,967	241,608,403	2	0	2	1
Case 59	1	241,611,462	241,712,992	3	0	3	1
Case 59	1	241,715,422	241,846,629	2	0	2	1
Case 59	1	241,849,047	242,074,809	3	0	3	1
Case 59	1	242,080,853	242,270,341	2	0	2	1
Case 59	1	242,274,908	242,359,678	3	0	3	1
Case 59	1	242,360,179	242,380,948	2	0	2	1
Case 59	1	242,381,784	242,539,072	3	0	3	1
Case 59	1	242,545,240	242,884,679	2	0	2	1
Case 59	1	242,890,160	243,542,050	3	0	3	1
Case 59	1	243,546,954	243,677,372	2	0	2	1
Case 59	1	243,678,389	244,161,728	3	0	3	1
Case 59	1	244,161,982	244,545,766	2	0	2	1
Case 59	1	244,552,355	245,205,890	3	0	3	1
Case 59	1	245,219,054	245,936,738	2	0	2	1
Case 59	1	245,939,067	245,979,357	3	0	3	1
Case 59	1	245,986,815	246,178,188	2	0	2	1

Case 59	1	246,181,070	246,661,236	3	0	3	1
Case 59	1	246,664,442	246,755,204	2	0	2	1
Case 59	1	246,757,449	246,922,356	3	0	3	1
Case 59	1	246,922,422	246,963,019	2	0	2	1
Case 59	1	246,968,455	247,364,063	3	0	3	1
Case 59	1	247,366,124	247,552,549	2	0	2	1
Case 59	1	247,554,949	247,577,079	3	0	3	1
Case 59	1	247,578,441	248,411,889	2	0	2	1
Case 59	1	248,415,662	248,511,674	3	0	3	1
Case 59	1	248,512,255	248,687,952	2	0	2	1
Case 59	1	248,688,317	248,790,425	0	0	0	0
Case 59	1	248,801,588	249,218,992	2	0	2	1
Case 59	2	18,674	11,319,660	1	1	2	0
Case 59	2	11,320,668	11,398,736	2	1	3	0
Case 59	2	11,401,165	17,697,252	1	1	2	0
Case 59	2	17,697,404	17,698,896	2	1	3	0
Case 59	2	17,698,904	20,090,739	1	1	2	0
Case 59	2	20,093,135	20,178,641	2	1	3	0
Case 59	2	20,182,293	44,149,442	1	1	2	0
Case 59	2	44,156,440	44,174,907	2	1	3	0
Case 59	2	44,176,742	55,536,808	1	1	2	0
Case 59	2	55,539,905	55,576,666	2	1	3	0
Case 59	2	55,582,820	84,800,621	1	1	2	0
Case 59	2	84,800,898	84,804,522	2	1	3	0
Case 59	2	84,806,724	92,081,640	1	1	2	0
Case 59	2	95,429,424	109,086,676	1	1	2	0
Case 59	2	109,086,737	109,094,759	2	1	3	0
Case 59	2	109,098,229	150,425,265	1	1	2	0
Case 59	2	150,425,584	150,438,708	2	1	3	0
Case 59	2	150,443,604	177,178,771	1	1	2	0
Case 59	2	177,191,571	177,198,846	2	1	3	0
Case 59	2	177,199,125	202,400,884	1	1	2	0
Case 59	2	202,400,987	202,492,871	2	1	3	0
Case 59	2	202,493,504	219,319,666	1	1	2	0
Case 59	2	219,338,789	219,409,308	2	1	3	0
Case 59	2	219,411,735	243,048,760	1	1	2	0
Case 59	3	61,495	4,412,129	2	0	2	1
Case 59	3	4,414,011	4,437,484	3	0	3	1
Case 59	3	4,445,436	57,401,266	2	0	2	1
Case 59	3	57,405,152	57,494,251	3	0	3	1
Case 59	3	57,494,263	60,189,471	2	0	2	1
Case 59	3	60,192,208	60,523,330	0	0	0	0
Case 59	3	60,531,242	60,705,025	2	0	2	1
Case 59	3	60,708,889	60,844,642	0	0	0	0
Case 59	3	60,853,686	60,933,934	2	0	2	1
Case 59	3	60,937,330	61,232,197	0	0	0	0
Case 59	3	61,236,328	65,185,849	2	0	2	1
Case 59	3	65,191,847	65,214,533	0	0	0	0
Case 59	3	65,215,804	90,442,925	2	0	2	1
Case 59	3	93,537,290	93,738,694	2	0	2	1
Case 59	3	93,742,842	93,769,677	3	0	3	1
Case 59	3	93,769,712	108,264,948	2	0	2	1
Case 59	3	108,271,082	108,301,920	3	0	3	1
Case 59	3	108,303,989	121,509,881	2	0	2	1
Case 59	3	121,513,185	121,610,395	3	0	3	1
Case 59	3	121,612,456	142,178,115	2	0	2	1
Case 59	3	142,178,118	142,261,533	3	0	3	1
Case 59	3	142,266,679	148,744,625	2	0	2	1
Case 59	3	148,747,119	148,820,658	3	0	3	1
Case 59	3	148,835,441	160,129,834	2	0	2	1
Case 59	3	160,130,110	160,153,305	3	0	3	1

Case 59	3	160,154,258	164,706,642	2	0	2	1
Case 59	3	164,709,250	164,799,079	3	0	3	1
Case 59	3	164,807,679	196,767,854	2	0	2	1
Case 59	3	196,769,797	197,009,609	3	0	3	1
Case 59	3	197,026,927	197,838,262	2	0	2	1
Case 59	4	71,566	49,620,898	1	1	2	0
Case 59	4	52,697,856	70,592,638	1	1	2	0
Case 59	4	70,592,790	70,599,925	2	1	3	0
Case 59	4	70,599,952	102,792,085	1	1	2	0
Case 59	4	102,792,354	102,839,254	2	1	3	0
Case 59	4	102,839,287	122,774,917	1	1	2	0
Case 59	4	122,780,167	122,800,971	2	1	3	0
Case 59	4	122,805,872	190,963,766	1	1	2	0
Case 59	5	38,139	37,128,315	1	1	2	0
Case 59	5	37,138,835	37,153,871	2	1	3	0
Case 59	5	37,153,928	46,399,093	1	1	2	0
Case 59	5	49,457,282	61,769,985	1	1	2	0
Case 59	5	61,772,530	61,811,328	2	1	3	0
Case 59	5	61,811,970	65,268,670	1	1	2	0
Case 59	5	65,288,668	65,324,151	2	1	3	0
Case 59	5	65,330,009	108,168,024	1	1	2	0
Case 59	5	108,168,579	108,243,615	2	1	3	0
Case 59	5	108,250,768	110,441,042	1	1	2	0
Case 59	5	110,441,044	110,461,298	2	1	3	0
Case 59	5	110,462,230	139,658,794	1	1	2	0
Case 59	5	139,661,097	139,931,620	2	0	2	1
Case 59	5	139,931,629	139,931,643	0	0	0	0
Case 59	5	139,931,644	139,931,644	2	0	2	1
Case 59	5	139,931,646	139,931,740	1	0	1	0
Case 59	5	139,936,760	180,693,127	1	1	2	0
Case 59	6	108,666	8,990,207	1	1	2	0
Case 59	6	8,990,652	8,999,646	2	1	3	0
Case 59	6	8,999,962	42,123,317	1	1	2	0
Case 59	6	42,125,482	42,125,482	2	0	2	1
Case 59	6	42,126,399	42,138,533	1	0	1	0
Case 59	6	42,139,825	58,752,089	1	1	2	0
Case 59	6	61,891,118	84,871,572	1	1	2	0
Case 59	6	84,879,058	84,930,825	2	1	3	0
Case 59	6	84,935,635	86,221,771	1	1	2	0
Case 59	6	86,223,935	86,284,078	2	1	3	0
Case 59	6	86,289,415	103,169,903	1	1	2	0
Case 59	6	103,175,290	103,225,137	2	1	3	0
Case 59	6	103,225,448	170,980,171	1	1	2	0
Case 59	7	44,935	4,091,283	2	1	3	0
Case 59	7	4,105,705	4,228,553	1	1	2	0
Case 59	7	4,228,898	11,663,252	2	1	3	0
Case 59	7	11,665,731	11,676,390	1	1	2	0
Case 59	7	11,676,694	18,039,252	2	1	3	0
Case 59	7	18,040,264	18,083,032	1	1	2	0
Case 59	7	18,085,049	21,826,035	2	1	3	0
Case 59	7	21,826,284	21,860,316	1	1	2	0
Case 59	7	21,861,028	24,742,437	2	1	3	0
Case 59	7	24,742,438	24,784,057	1	1	2	0
Case 59	7	24,784,260	26,581,796	2	1	3	0
Case 59	7	26,582,309	26,685,929	1	1	2	0
Case 59	7	26,688,808	27,121,456	2	1	3	0
Case 59	7	27,130,276	27,300,262	1	1	2	0
Case 59	7	27,301,441	27,875,454	2	1	3	0
Case 59	7	27,879,473	27,922,780	1	1	2	0
Case 59	7	27,929,030	29,920,967	2	1	3	0
Case 59	7	29,921,360	29,980,024	1	1	2	0

Case 59	7	29,980,471	30,761,210	2	1	3	0
Case 59	7	30,761,852	30,937,178	1	1	2	0
Case 59	7	30,938,167	31,670,531	2	1	3	0
Case 59	7	31,672,870	31,720,475	1	1	2	0
Case 59	7	31,725,977	34,103,553	2	1	3	0
Case 59	7	34,107,393	34,174,173	1	1	2	0
Case 59	7	34,178,283	34,886,234	2	1	3	0
Case 59	7	34,886,374	34,944,778	1	1	2	0
Case 59	7	34,971,584	41,989,362	2	1	3	0
Case 59	7	41,989,780	42,020,130	1	1	2	0
Case 59	7	42,030,686	42,813,490	2	1	3	0
Case 59	7	42,823,075	43,083,386	1	1	2	0
Case 59	7	43,108,258	44,147,041	2	1	3	0
Case 59	7	44,147,293	44,189,023	1	1	2	0
Case 59	7	44,189,274	45,010,270	2	1	3	0
Case 59	7	45,010,549	45,186,727	1	1	2	0
Case 59	7	45,190,414	48,074,332	2	1	3	0
Case 59	7	48,080,972	48,194,935	1	1	2	0
Case 59	7	48,196,475	50,573,325	2	1	3	0
Case 59	7	50,573,333	50,611,735	1	1	2	0
Case 59	7	50,611,764	51,029,101	2	1	3	0
Case 59	7	51,029,371	51,111,332	1	1	2	0
Case 59	7	51,111,403	51,420,327	2	1	3	0
Case 59	7	51,423,203	51,680,811	1	1	2	0
Case 59	7	51,682,201	56,131,123	2	1	3	0
Case 59	7	56,136,260	56,195,952	1	1	2	0
Case 59	7	56,202,644	58,019,061	2	1	3	0
Case 59	7	61,056,053	68,113,660	2	1	3	0
Case 59	7	68,125,403	68,323,146	1	1	2	0
Case 59	7	68,326,660	70,811,708	2	1	3	0
Case 59	7	70,815,845	71,035,420	1	1	2	0
Case 59	7	71,037,932	75,610,420	2	1	3	0
Case 59	7	75,610,876	75,620,641	1	1	2	0
Case 59	7	75,621,511	76,054,389	2	1	3	0
Case 59	7	76,054,543	76,144,561	1	1	2	0
Case 59	7	76,161,400	77,639,656	2	1	3	0
Case 59	7	77,641,545	77,771,770	1	1	2	0
Case 59	7	77,773,132	82,532,371	2	1	3	0
Case 59	7	82,534,369	82,586,041	1	1	2	0
Case 59	7	82,595,219	82,761,250	2	1	3	0
Case 59	7	82,763,709	82,818,143	1	1	2	0
Case 59	7	82,823,924	88,965,021	2	1	3	0
Case 59	7	88,965,036	88,966,204	1	1	2	0
Case 59	7	88,969,883	94,274,361	2	1	3	0
Case 59	7	94,281,335	94,294,982	1	1	2	0
Case 59	7	94,296,769	97,816,327	2	1	3	0
Case 59	7	97,817,321	97,937,012	1	1	2	0
Case 59	7	97,937,061	98,963,340	2	1	3	0
Case 59	7	98,974,588	99,103,684	1	1	2	0
Case 59	7	99,104,080	99,693,428	2	1	3	0
Case 59	7	99,693,552	99,725,875	1	1	2	0
Case 59	7	99,736,059	99,751,017	2	1	3	0
Case 59	7	99,751,281	99,786,537	1	1	2	0
Case 59	7	99,787,106	99,818,185	2	1	3	0
Case 59	7	99,818,284	99,996,919	1	1	2	0
Case 59	7	99,997,218	100,634,356	2	1	3	0
Case 59	7	100,634,358	100,686,500	1	1	2	0
Case 59	7	100,686,693	101,923,380	2	1	3	0
Case 59	7	101,923,411	102,113,909	1	1	2	0
Case 59	7	102,334,106	121,649,223	2	1	3	0
Case 59	7	121,650,388	121,664,914	1	1	2	0

Case 59	7	121,668,320	122,335,352	2	1	3	0
Case 59	7	122,338,104	122,493,144	1	1	2	0
Case 59	7	122,495,375	127,220,918	2	1	3	0
Case 59	7	127,222,318	127,241,980	1	1	2	0
Case 59	7	127,246,903	129,992,509	2	1	3	0
Case 59	7	129,999,473	130,040,589	1	1	2	0
Case 59	7	130,041,748	131,780,255	2	1	3	0
Case 59	7	131,783,062	131,832,704	1	1	2	0
Case 59	7	131,834,858	134,017,912	2	1	3	0
Case 59	7	134,019,192	134,143,814	1	1	2	0
Case 59	7	134,144,485	134,510,505	2	1	3	0
Case 59	7	134,512,591	134,618,713	1	1	2	0
Case 59	7	134,625,880	134,835,350	2	1	3	0
Case 59	7	134,841,935	134,918,608	1	1	2	0
Case 59	7	134,923,239	137,496,871	2	1	3	0
Case 59	7	137,506,041	137,590,808	1	1	2	0
Case 59	7	137,595,253	138,573,687	2	1	3	0
Case 59	7	138,574,993	138,622,572	1	1	2	0
Case 59	7	138,626,175	139,259,911	2	1	3	0
Case 59	7	139,263,879	139,546,615	1	1	2	0
Case 59	7	139,546,643	140,224,024	2	1	3	0
Case 59	7	140,225,574	140,397,792	1	1	2	0
Case 59	7	140,402,382	141,456,192	2	1	3	0
Case 59	7	141,463,914	141,687,327	1	1	2	0
Case 59	7	141,689,666	142,423,289	2	1	3	0
Case 59	7	142,424,782	143,018,485	1	1	2	0
Case 59	7	143,020,649	143,076,225	2	1	3	0
Case 59	7	143,076,781	143,097,100	1	1	2	0
Case 59	7	143,097,110	143,657,104	2	1	3	0
Case 59	7	143,657,178	143,718,543	1	1	2	0
Case 59	7	143,723,137	143,741,610	2	1	3	0
Case 59	7	143,747,497	143,748,430	1	1	2	0
Case 59	7	143,752,228	143,791,977	2	1	3	0
Case 59	7	143,792,472	143,826,980	1	1	2	0
Case 59	7	143,827,134	147,595,540	2	1	3	0
Case 59	7	147,595,929	147,643,746	1	1	2	0
Case 59	7	147,643,987	148,790,849	2	1	3	0
Case 59	7	148,796,253	148,921,610	1	1	2	0
Case 59	7	148,922,666	149,513,141	2	1	3	0
Case 59	7	149,513,152	149,576,587	1	1	2	0
Case 59	7	149,576,629	150,709,904	2	1	3	0
Case 59	7	150,710,817	150,815,696	1	1	2	0
Case 59	7	150,817,155	151,859,495	2	1	3	0
Case 59	7	151,859,569	151,879,501	1	1	2	0
Case 59	7	151,880,153	153,654,045	2	1	3	0
Case 59	7	153,670,448	153,914,346	1	1	2	0
Case 59	7	153,925,428	154,620,262	2	1	3	0
Case 59	7	154,621,545	154,684,153	1	1	2	0
Case 59	7	154,684,971	159,119,486	2	1	3	0
Case 59	8	164,984	577,101	2	1	3	0
Case 59	8	578,742	612,758	1	1	2	0
Case 59	8	613,620	3,906,703	2	1	3	0
Case 59	8	3,906,969	3,947,046	1	1	2	0
Case 59	8	3,947,325	5,495,306	2	1	3	0
Case 59	8	5,495,468	5,528,849	1	1	2	0
Case 59	8	5,529,622	6,032,731	2	1	3	0
Case 59	8	6,033,116	6,084,755	1	1	2	0
Case 59	8	6,086,549	9,269,676	2	1	3	0
Case 59	8	9,271,136	9,314,784	1	1	2	0
Case 59	8	9,315,518	9,692,541	2	1	3	0
Case 59	8	9,692,825	9,794,093	1	1	2	0

Case 59	8	9,796,189	10,465,344	2	1	3	0
Case 59	8	10,465,490	10,467,517	1	1	2	0
Case 59	8	10,467,577	12,943,382	2	1	3	0
Case 59	8	12,945,508	12,958,149	1	1	2	0
Case 59	8	12,966,739	17,938,574	2	1	3	0
Case 59	8	17,942,204	18,080,308	1	1	2	0
Case 59	8	18,080,333	18,667,821	2	1	3	0
Case 59	8	18,668,608	18,752,593	1	1	2	0
Case 59	8	18,763,357	19,252,486	2	1	3	0
Case 59	8	19,252,602	19,434,698	1	1	2	0
Case 59	8	19,437,153	20,544,296	2	1	3	0
Case 59	8	20,545,032	20,742,927	1	1	2	0
Case 59	8	20,743,401	23,610,292	2	1	3	0
Case 59	8	23,610,799	23,724,908	1	1	2	0
Case 59	8	23,728,271	24,365,003	2	1	3	0
Case 59	8	24,366,894	24,412,159	1	1	2	0
Case 59	8	24,416,733	25,808,664	2	1	3	0
Case 59	8	25,808,945	25,870,277	1	1	2	0
Case 59	8	25,871,350	26,337,515	2	1	3	0
Case 59	8	26,339,256	26,462,161	1	1	2	0
Case 59	8	26,463,344	27,134,100	2	1	3	0
Case 59	8	27,141,452	27,379,329	1	1	2	0
Case 59	8	27,381,996	28,566,677	2	1	3	0
Case 59	8	28,569,393	28,595,036	1	1	2	0
Case 59	8	28,597,765	30,383,013	2	1	3	0
Case 59	8	30,384,436	30,434,903	1	1	2	0
Case 59	8	30,437,008	32,611,221	2	1	3	0
Case 59	8	32,611,970	32,695,333	1	1	2	0
Case 59	8	32,695,646	33,203,726	2	1	3	0
Case 59	8	33,206,572	33,250,583	1	1	2	0
Case 59	8	33,260,047	33,274,426	2	1	3	0
Case 59	8	33,275,793	33,346,299	1	1	2	0
Case 59	8	33,346,300	37,728,035	2	1	3	0
Case 59	8	37,728,750	37,794,902	1	1	2	0
Case 59	8	37,795,185	38,260,050	2	1	3	0
Case 59	8	38,260,095	38,368,270	1	1	2	0
Case 59	8	38,369,493	38,677,322	2	1	3	0
Case 59	8	38,677,349	38,693,758	1	1	2	0
Case 59	8	38,695,996	40,674,845	2	1	3	0
Case 59	8	40,676,775	40,789,256	1	1	2	0
Case 59	8	40,793,533	41,516,790	2	1	3	0
Case 59	8	41,516,915	41,559,609	1	1	2	0
Case 59	8	41,561,560	41,994,579	2	1	3	0
Case 59	8	41,997,694	42,179,960	1	1	2	0
Case 59	8	42,180,716	42,939,989	2	1	3	0
Case 59	8	42,958,701	43,147,309	1	1	2	0
Case 59	8	43,147,398	43,791,691	2	1	3	0
Case 59	8	46,886,735	73,819,023	2	1	3	0
Case 59	8	73,821,073	73,850,203	1	1	2	0
Case 59	8	73,850,812	74,253,829	2	1	3	0
Case 59	8	74,261,334	74,333,676	1	1	2	0
Case 59	8	74,334,889	77,761,824	2	1	3	0
Case 59	8	77,761,919	77,819,954	1	1	2	0
Case 59	8	77,824,032	88,881,431	2	1	3	0
Case 59	8	88,885,110	88,886,111	1	1	2	0
Case 59	8	88,890,048	96,141,011	2	1	3	0
Case 59	8	96,141,850	96,245,605	1	1	2	0
Case 59	8	96,246,687	96,980,370	2	1	3	0
Case 59	8	96,980,905	97,051,579	1	1	2	0
Case 59	8	97,052,453	97,285,617	2	1	3	0
Case 59	8	97,285,816	97,404,721	1	1	2	0

Case 59	8	97,408,966	99,392,416	2	1	3	0
Case 59	8	99,396,652	99,452,962	1	1	2	0
Case 59	8	99,455,311	100,848,480	2	1	3	0
Case 59	8	100,850,010	100,926,037	1	1	2	0
Case 59	8	100,970,952	102,654,182	2	1	3	0
Case 59	8	102,660,160	102,751,489	1	1	2	0
Case 59	8	102,756,851	103,720,185	2	1	3	0
Case 59	8	103,724,898	103,755,301	1	1	2	0
Case 59	8	103,769,678	106,812,527	2	1	3	0
Case 59	8	106,813,325	106,853,152	1	1	2	0
Case 59	8	106,853,639	107,773,278	2	1	3	0
Case 59	8	107,773,280	107,782,411	1	1	2	0
Case 59	8	107,789,571	110,585,288	2	1	3	0
Case 59	8	110,586,134	110,592,151	1	1	2	0
Case 59	8	110,594,148	116,599,199	2	1	3	0
Case 59	8	116,599,271	116,740,823	1	1	2	0
Case 59	8	116,746,477	123,816,210	2	1	3	0
Case 59	8	123,817,194	123,858,679	1	1	2	0
Case 59	8	123,864,916	123,964,035	2	1	3	0
Case 59	8	123,964,081	123,966,062	1	1	2	0
Case 59	8	123,966,085	124,547,004	2	1	3	0
Case 59	8	124,551,708	124,647,861	1	1	2	0
Case 59	8	124,648,032	125,563,769	2	1	3	0
Case 59	8	125,565,328	125,575,182	1	1	2	0
Case 59	8	125,575,619	126,361,680	2	1	3	0
Case 59	8	126,365,542	126,490,972	1	1	2	0
Case 59	8	126,493,746	133,917,904	2	1	3	0
Case 59	8	133,918,769	133,975,056	1	1	2	0
Case 59	8	133,975,256	135,513,186	2	1	3	0
Case 59	8	135,516,280	135,650,071	1	1	2	0
Case 59	8	135,654,340	140,924,076	2	1	3	0
Case 59	8	140,925,766	141,015,327	1	1	2	0
Case 59	8	141,015,586	146,293,414	2	1	3	0
Case 59	9	46,587	9,793,342	1	1	2	0
Case 59	9	9,796,116	9,805,193	2	1	3	0
Case 59	9	9,805,496	17,404,464	1	1	2	0
Case 59	9	17,409,391	17,464,622	2	1	3	0
Case 59	9	17,466,468	26,978,157	1	1	2	0
Case 59	9	26,978,170	27,011,917	2	1	3	0
Case 59	9	27,017,017	46,944,322	1	1	2	0
Case 59	9	65,629,772	79,824,002	1	1	2	0
Case 59	9	79,824,351	80,017,018	2	1	3	0
Case 59	9	80,018,236	111,701,959	1	1	2	0
Case 59	9	111,703,561	111,739,304	2	1	3	0
Case 59	9	111,741,679	114,464,733	1	1	2	0
Case 59	9	114,468,966	114,542,761	2	1	3	0
Case 59	9	114,545,878	123,785,740	1	1	2	0
Case 59	9	123,787,743	123,812,513	2	1	3	0
Case 59	9	123,817,613	141,066,491	1	1	2	0
Case 59	10	98,087	22,171,224	2	0	2	1
Case 59	10	22,193,497	22,336,151	3	0	3	1
Case 59	10	22,358,148	26,381,812	2	0	2	1
Case 59	10	26,385,390	26,419,885	3	0	3	1
Case 59	10	26,422,301	32,740,722	2	0	2	1
Case 59	10	32,742,291	32,780,902	3	0	3	1
Case 59	10	32,798,947	33,103,364	2	0	2	1
Case 59	10	33,113,448	33,137,574	3	0	3	1
Case 59	10	33,143,396	39,097,912	2	0	2	1
Case 59	10	42,436,301	75,896,523	2	0	2	1
Case 59	10	75,900,462	76,373,904	3	0	3	1
Case 59	10	76,400,262	90,341,974	2	0	2	1



Case 59	10	90,342,837	90,356,670	3	0	3	1
Case 59	10	90,358,138	91,465,167	2	0	2	1
Case 59	10	91,468,925	91,520,368	3	0	3	1
Case 59	10	91,522,548	93,176,418	2	0	2	1
Case 59	10	93,177,933	93,276,500	3	0	3	1
Case 59	10	93,278,961	95,427,281	2	0	2	1
Case 59	10	95,429,007	95,459,817	3	0	3	1
Case 59	10	95,467,031	117,183,215	2	0	2	1
Case 59	10	117,184,682	117,267,610	3	0	3	1
Case 59	10	117,268,000	135,477,883	2	0	2	1
Case 59	11	193,146	32,632,749	1	1	2	0
Case 59	11	32,635,078	32,637,615	2	1	3	0
Case 59	11	32,639,192	49,079,350	1	1	2	0
Case 59	11	49,093,987	50,468,978	2	0	2	1
Case 59	11	50,476,268	51,372,036	1	0	1	0
Case 59	11	51,379,204	51,591,253	1	1	2	0
Case 59	11	54,794,237	92,868,270	1	1	2	0
Case 59	11	92,881,044	92,914,897	2	1	3	0
Case 59	11	92,915,544	102,992,224	1	1	2	0
Case 59	11	102,995,941	103,153,758	2	1	3	0
Case 59	11	103,156,806	108,092,637	1	1	2	0
Case 59	11	108,097,333	108,168,053	2	1	3	0
Case 59	11	108,169,323	134,934,063	1	1	2	0
Case 59	12	191,619	21,199,481	1	1	2	0
Case 59	12	21,200,019	21,278,192	2	1	3	0
Case 59	12	21,279,287	34,853,011	1	1	2	0
Case 59	12	37,876,400	72,278,705	1	1	2	0
Case 59	12	72,286,116	72,317,808	2	1	3	0
Case 59	12	72,323,834	85,407,131	1	1	2	0
Case 59	12	85,411,290	85,439,820	2	1	3	0
Case 59	12	85,441,102	88,453,072	1	1	2	0
Case 59	12	88,453,608	88,582,702	2	1	3	0
Case 59	12	88,584,312	93,151,045	1	1	2	0
Case 59	12	93,155,535	93,226,288	2	1	3	0
Case 59	12	93,226,290	105,501,598	1	1	2	0
Case 59	12	105,505,004	105,538,532	2	1	3	0
Case 59	12	105,540,875	123,027,814	1	1	2	0
Case 59	12	123,028,739	123,064,182	2	1	3	0
Case 59	12	123,067,303	133,810,935	1	1	2	0
Case 59	13	19,058,717	48,886,282	1	1	2	0
Case 59	13	48,902,121	48,939,420	2	1	3	0
Case 59	13	48,945,175	79,854,198	1	1	2	0
Case 59	13	79,856,806	79,940,211	2	1	3	0
Case 59	13	79,940,529	96,508,566	1	1	2	0
Case 59	13	96,508,567	96,530,055	2	1	3	0
Case 59	13	96,534,639	115,103,529	1	1	2	0
Case 59	14	19,280,733	22,749,742	1	1	2	0
Case 59	14	22,752,873	22,844,970	2	1	3	0
Case 59	14	22,851,273	55,458,040	1	1	2	0
Case 59	14	55,462,356	55,475,038	2	1	3	0
Case 59	14	55,493,350	56,106,211	1	1	2	0
Case 59	14	56,106,666	56,137,504	2	1	3	0
Case 59	14	56,139,686	58,895,164	1	1	2	0
Case 59	14	58,896,083	58,947,365	2	1	3	0
Case 59	14	58,949,289	60,902,520	1	1	2	0
Case 59	14	60,903,572	60,945,298	2	1	3	0
Case 59	14	60,950,466	92,432,308	1	1	2	0
Case 59	14	92,434,957	92,454,649	2	1	3	0
Case 59	14	92,454,691	96,782,965	1	1	2	0
Case 59	14	96,784,037	96,811,065	2	1	3	0
Case 59	14	96,813,521	107,287,663	1	1	2	0

Case 59	15	20,034,919	52,885,874	1	1	2	0
Case 59	15	52,892,034	52,901,638	2	1	3	0
Case 59	15	52,901,652	62,232,850	1	1	2	0
Case 59	15	62,232,925	62,244,117	2	1	3	0
Case 59	15	62,246,670	62,256,948	1	1	2	0
Case 59	15	62,258,287	62,340,126	2	1	3	0
Case 59	15	62,358,682	102,461,162	1	1	2	0
Case 59	16	88,165	1,885,632	1	1	2	0
Case 59	16	1,886,233	1,934,183	2	1	3	0
Case 59	16	1,943,418	2,653,657	1	1	2	0
Case 59	16	2,699,304	2,743,418	2	1	3	0
Case 59	16	2,747,857	35,285,582	1	1	2	0
Case 59	16	46,450,037	55,793,837	1	1	2	0
Case 59	16	55,843,252	55,850,708	2	1	3	0
Case 59	16	55,850,977	90,274,695	1	1	2	0
Case 59	17	11,885	3,343,406	2	0	2	1
Case 59	17	3,343,534	3,372,179	3	0	3	1
Case 59	17	3,376,188	17,432,098	2	0	2	1
Case 59	17	17,433,959	22,242,355	1	1	2	0
Case 59	17	25,268,142	27,185,772	1	1	2	0
Case 59	17	27,185,833	45,412,575	2	0	2	1
Case 59	17	45,412,629	45,492,231	3	0	3	1
Case 59	17	45,492,254	67,249,997	2	0	2	1
Case 59	17	67,250,466	67,309,271	3	0	3	1
Case 59	17	67,310,516	81,060,040	2	0	2	1
Case 59	18	87,505	15,375,878	1	1	2	0
Case 59	18	18,520,354	30,771,795	1	1	2	0
Case 59	18	30,778,086	30,929,223	2	1	3	0
Case 59	18	30,941,974	76,856,565	1	1	2	0
Case 59	18	76,856,583	76,886,325	2	1	3	0
Case 59	18	76,900,411	78,015,180	1	1	2	0
Case 59	19	260,912	24,629,285	1	1	2	0
Case 59	19	27,732,159	59,097,160	1	1	2	0
Case 59	20	63,244	26,293,985	1	1	2	0
Case 59	20	29,425,357	55,906,923	1	1	2	0
Case 59	20	55,908,269	55,910,508	2	1	3	0
Case 59	20	55,910,863	58,436,963	1	1	2	0
Case 59	20	58,440,630	58,500,453	2	1	3	0
Case 59	20	58,502,456	62,194,128	1	1	2	0
Case 59	20	62,194,200	62,198,578	2	1	3	0
Case 59	20	62,198,808	62,948,788	1	1	2	0
Case 59	21	10,827,533	10,971,337	1	1	2	0
Case 59	21	14,368,320	48,100,155	1	1	2	0
Case 59	22	16,114,244	51,195,728	1	1	2	0
Case 61	1	82,154	12,919,081	1	1	2	0
Case 61	1	12,919,838	12,961,019	0	0	0	0
Case 61	1	13,176,463	121,346,616	1	1	2	0
Case 61	1	142,649,718	174,794,144	1	1	2	0
Case 61	1	174,797,867	174,818,547	0	0	0	0
Case 61	1	174,821,623	230,668,250	1	1	2	0
Case 61	1	230,668,260	230,735,580	1	0	1	0
Case 61	1	230,745,894	249,218,992	1	1	2	0
Case 61	2	18,674	92,081,640	1	1	2	0
Case 61	2	95,429,424	180,287,156	1	1	2	0
Case 61	2	180,289,739	180,298,424	0	0	0	0
Case 61	2	180,303,862	243,048,760	1	1	2	0
Case 61	3	61,495	1,673,173	1	1	2	0
Case 61	3	1,674,210	1,704,667	0	0	0	0
Case 61	3	1,706,412	60,410,706	1	1	2	0
Case 61	3	60,412,102	60,492,136	1	0	1	0
Case 61	3	60,496,077	60,536,420	1	1	2	0

Case 61	3	60,540,665	60,546,856	2	0	2	1
Case 61	3	60,547,602	61,052,481	1	1	2	0
Case 61	3	61,054,494	61,139,748	2	0	2	1
Case 61	3	61,141,434	61,190,420	0	0	0	0
Case 61	3	61,205,741	90,442,925	1	1	2	0
Case 61	3	93,537,290	197,838,262	1	1	2	0
Case 61	4	71,566	9,371,116	1	1	2	0
Case 61	4	9,376,566	9,485,300	3	1	4	0
Case 61	4	9,509,791	49,620,898	1	1	2	0
Case 61	4	52,697,856	92,477,566	1	1	2	0
Case 61	4	92,483,806	92,770,887	3	1	4	0
Case 61	4	92,790,543	122,281,107	1	1	2	0
Case 61	4	122,285,263	122,288,645	0	0	0	0
Case 61	4	122,289,863	190,963,766	1	1	2	0
Case 61	5	38,139	46,399,093	1	1	2	0
Case 61	5	49,457,282	139,931,384	1	1	2	0
Case 61	5	139,931,607	139,931,740	0	0	0	0
Case 61	5	139,936,760	180,693,127	1	1	2	0
Case 61	6	108,666	58,752,089	1	1	2	0
Case 61	6	61,891,118	170,980,171	1	1	2	0
Case 61	7	44,935	6,859,544	2	1	3	0
Case 61	7	6,870,635	7,313,044	3	1	4	0
Case 61	7	7,313,151	7,313,151	1	1	2	0
Case 61	7	7,313,294	7,795,407	2	1	3	0
Case 61	7	7,795,531	7,996,282	3	1	4	0
Case 61	7	8,000,032	8,000,032	1	1	2	0
Case 61	7	8,000,971	8,736,299	2	1	3	0
Case 61	7	8,737,023	11,534,319	3	1	4	0
Case 61	7	11,535,903	11,615,654	2	1	3	0
Case 61	7	11,616,177	16,366,339	3	1	4	0
Case 61	7	16,366,674	16,370,188	1	1	2	0
Case 61	7	16,375,281	16,654,334	2	1	3	0
Case 61	7	16,655,387	20,560,996	3	1	4	0
Case 61	7	20,572,445	20,725,455	2	1	3	0
Case 61	7	20,725,461	20,754,975	2	2	4	0
Case 61	7	20,761,221	21,326,835	2	1	3	0
Case 61	7	21,327,064	21,600,738	3	1	4	0
Case 61	7	21,603,534	26,553,272	2	1	3	0
Case 61	7	26,557,421	27,121,456	3	1	4	0
Case 61	7	27,130,276	27,132,969	1	1	2	0
Case 61	7	27,134,966	27,805,569	2	1	3	0
Case 61	7	27,813,630	28,128,410	3	1	4	0
Case 61	7	28,131,416	28,133,980	1	1	2	0
Case 61	7	28,138,193	31,213,647	2	1	3	0
Case 61	7	31,228,648	31,411,765	3	1	4	0
Case 61	7	31,412,771	38,067,723	2	1	3	0
Case 61	7	38,077,008	38,383,243	3	1	4	0
Case 61	7	38,385,938	38,413,859	1	1	2	0
Case 61	7	38,417,556	46,642,993	2	1	3	0
Case 61	7	46,646,441	47,079,999	3	1	4	0
Case 61	7	47,081,588	47,088,439	1	1	2	0
Case 61	7	47,091,670	48,311,485	2	1	3	0
Case 61	7	48,311,563	48,318,533	2	2	4	0
Case 61	7	48,318,613	53,787,288	2	1	3	0
Case 61	7	53,789,410	54,467,507	3	1	4	0
Case 61	7	54,491,582	57,361,122	2	1	3	0
Case 61	7	57,367,613	58,019,061	3	1	4	0
Case 61	7	61,056,053	65,424,658	3	1	4	0
Case 61	7	65,425,894	77,098,772	2	1	3	0
Case 61	7	77,101,532	82,516,932	3	1	4	0
Case 61	7	82,518,391	82,784,186	2	1	3	0

Case 61	7	82,784,287	82,785,182	1	1	2	0
Case 61	7	82,785,271	86,802,008	3	1	4	0
Case 61	7	86,817,448	86,817,448	1	1	2	0
Case 61	7	86,817,456	87,695,787	2	1	3	0
Case 61	7	87,699,736	88,956,699	3	1	4	0
Case 61	7	88,962,700	88,962,831	1	1	2	0
Case 61	7	88,962,973	89,338,551	2	1	3	0
Case 61	7	89,340,308	90,639,136	3	1	4	0
Case 61	7	90,647,165	90,656,040	1	1	2	0
Case 61	7	90,660,299	91,033,639	2	1	3	0
Case 61	7	91,033,751	92,760,773	3	1	4	0
Case 61	7	92,760,823	92,761,203	1	1	2	0
Case 61	7	92,761,875	92,991,879	2	1	3	0
Case 61	7	92,995,110	93,352,716	3	1	4	0
Case 61	7	93,353,042	93,358,149	1	1	2	0
Case 61	7	93,361,351	94,685,143	2	1	3	0
Case 61	7	94,693,970	95,078,175	3	1	4	0
Case 61	7	95,078,296	95,078,296	1	1	2	0
Case 61	7	95,078,950	95,853,837	2	1	3	0
Case 61	7	95,864,108	96,167,634	3	1	4	0
Case 61	7	96,168,217	96,170,054	1	1	2	0
Case 61	7	96,173,019	96,650,226	2	1	3	0
Case 61	7	96,651,406	96,661,390	1	1	2	0
Case 61	7	96,674,424	97,403,141	3	1	4	0
Case 61	7	97,404,277	97,404,380	1	1	2	0
Case 61	7	97,406,045	103,214,713	2	1	3	0
Case 61	7	103,217,219	104,430,056	3	1	4	0
Case 61	7	104,435,213	106,407,117	2	1	3	0
Case 61	7	106,409,897	107,545,799	3	1	4	0
Case 61	7	107,545,837	108,043,038	2	1	3	0
Case 61	7	108,043,641	111,149,671	3	1	4	0
Case 61	7	111,151,253	111,166,165	1	1	2	0
Case 61	7	111,180,544	113,020,044	2	1	3	0
Case 61	7	113,029,219	113,963,334	3	1	4	0
Case 61	7	113,973,098	113,993,281	1	1	2	0
Case 61	7	113,997,624	114,551,039	2	1	3	0
Case 61	7	114,560,827	117,368,227	3	1	4	0
Case 61	7	117,368,252	117,994,519	2	1	3	0
Case 61	7	118,006,251	122,048,354	3	1	4	0
Case 61	7	122,052,524	122,052,524	1	1	2	0
Case 61	7	122,056,213	122,843,053	2	1	3	0
Case 61	7	122,845,289	123,296,193	3	1	4	0
Case 61	7	123,296,320	123,305,444	1	1	2	0
Case 61	7	123,312,847	125,278,996	3	1	4	0
Case 61	7	125,284,039	125,284,039	1	1	2	0
Case 61	7	125,286,791	125,848,263	2	1	3	0
Case 61	7	125,853,688	126,437,897	3	1	4	0
Case 61	7	126,439,383	126,439,383	1	1	2	0
Case 61	7	126,447,564	133,638,952	2	1	3	0
Case 61	7	133,643,848	134,022,714	3	1	4	0
Case 61	7	134,025,825	134,025,825	1	1	2	0
Case 61	7	134,026,821	139,757,802	2	1	3	0
Case 61	7	139,763,994	140,106,504	3	1	4	0
Case 61	7	140,107,136	140,111,722	1	1	2	0
Case 61	7	140,111,730	144,253,833	2	1	3	0
Case 61	7	144,267,846	145,812,354	3	1	4	0
Case 61	7	145,813,854	145,813,854	1	1	2	0
Case 61	7	145,825,216	147,022,896	2	1	3	0
Case 61	7	147,023,537	147,803,861	3	1	4	0
Case 61	7	147,805,486	147,810,841	1	1	2	0
Case 61	7	147,812,192	159,119,486	2	1	3	0

Case 61	8	164,984	1,110,914	2	2	4	0
Case 61	8	1,111,158	1,164,482	2	1	3	0
Case 61	8	1,165,148	1,243,574	2	2	4	0
Case 61	8	1,244,374	1,370,352	2	1	3	0
Case 61	8	1,372,223	10,148,197	2	2	4	0
Case 61	8	10,149,567	10,294,330	2	1	3	0
Case 61	8	10,295,378	10,436,353	2	2	4	0
Case 61	8	10,437,868	10,468,039	2	1	3	0
Case 61	8	10,468,172	10,474,055	2	2	4	0
Case 61	8	10,480,101	10,535,377	2	1	3	0
Case 61	8	10,535,826	11,683,630	2	2	4	0
Case 61	8	11,683,653	11,710,887	2	1	3	0
Case 61	8	11,710,888	19,156,100	2	2	4	0
Case 61	8	19,156,367	19,364,515	2	1	3	0
Case 61	8	19,371,767	19,985,382	2	2	4	0
Case 61	8	19,987,703	20,038,447	2	1	3	0
Case 61	8	20,038,466	21,994,951	2	2	4	0
Case 61	8	21,995,097	22,011,662	2	1	3	0
Case 61	8	22,011,721	22,426,701	2	2	4	0
Case 61	8	22,428,529	22,567,354	2	1	3	0
Case 61	8	22,567,769	24,771,275	2	2	4	0
Case 61	8	24,771,326	24,813,391	2	1	3	0
Case 61	8	24,813,446	26,426,579	2	2	4	0
Case 61	8	26,431,466	26,585,268	2	1	3	0
Case 61	8	26,588,975	27,134,100	2	2	4	0
Case 61	8	27,141,452	27,289,792	2	1	3	0
Case 61	8	27,291,039	27,369,366	2	2	4	0
Case 61	8	27,371,116	27,404,354	2	1	3	0
Case 61	8	27,405,207	38,268,023	2	2	4	0
Case 61	8	38,269,514	38,363,472	2	1	3	0
Case 61	8	38,368,270	43,791,691	2	2	4	0
Case 61	8	46,886,735	77,762,439	2	2	4	0
Case 61	8	77,763,248	77,796,116	2	1	3	0
Case 61	8	77,796,946	123,961,799	2	2	4	0
Case 61	8	123,963,776	123,969,205	2	1	3	0
Case 61	8	123,971,081	133,902,602	2	2	4	0
Case 61	8	133,904,380	133,958,037	2	1	3	0
Case 61	8	133,959,518	134,093,274	2	2	4	0
Case 61	8	134,094,976	134,151,757	2	1	3	0
Case 61	8	134,152,994	134,993,530	2	2	4	0
Case 61	8	134,999,918	135,065,947	2	1	3	0
Case 61	8	135,068,340	139,770,716	2	2	4	0
Case 61	8	139,774,092	139,904,247	2	1	3	0
Case 61	8	139,906,088	142,222,331	2	2	4	0
Case 61	8	142,222,445	142,245,464	2	1	3	0
Case 61	8	142,246,550	144,330,452	2	2	4	0
Case 61	8	144,332,084	144,446,285	2	1	3	0
Case 61	8	144,449,191	144,920,853	2	2	4	0
Case 61	8	144,920,886	144,942,718	2	1	3	0
Case 61	8	144,942,796	146,293,414	2	2	4	0
Case 61	9	46,587	46,944,322	1	1	2	0
Case 61	9	65,629,772	141,066,491	1	1	2	0
Case 61	10	98,087	39,097,912	1	1	2	0
Case 61	10	42,436,301	135,477,883	1	1	2	0
Case 61	11	193,146	26,986,106	1	1	2	0
Case 61	11	27,007,293	27,236,316	3	1	4	0
Case 61	11	27,239,845	51,591,253	1	1	2	0
Case 61	11	54,794,237	57,480,232	1	1	2	0
Case 61	11	57,488,160	58,057,129	1	0	1	0
Case 61	11	58,059,421	58,086,755	0	0	0	0
Case 61	11	58,090,384	58,116,532	2	0	2	1

Case 61	11	58,125,600	58,126,493	0	0	0	0
Case 61	11	58,127,643	58,170,469	2	0	2	1
Case 61	11	58,170,712	58,605,832	1	0	1	0
Case 61	11	58,610,656	58,715,285	0	0	0	0
Case 61	11	58,722,734	58,846,985	1	0	1	0
Case 61	11	58,863,775	134,934,063	1	1	2	0
Case 61	12	191,619	33,293,907	1	1	2	0
Case 61	12	33,302,438	33,305,855	0	0	0	0
Case 61	12	33,308,928	34,853,011	1	1	2	0
Case 61	12	37,876,400	40,873,251	1	1	2	0
Case 61	12	40,875,351	40,875,963	0	0	0	0
Case 61	12	40,893,165	61,556,873	1	1	2	0
Case 61	12	61,563,799	61,604,963	3	1	4	0
Case 61	12	61,606,297	133,810,935	1	1	2	0
Case 61	13	19,058,717	115,103,529	2	1	3	0
Case 61	14	19,280,733	22,586,162	1	1	2	0
Case 61	14	22,586,392	22,700,951	2	1	3	0
Case 61	14	22,700,988	22,957,171	2	2	4	0
Case 61	14	22,957,488	22,970,256	2	1	3	0
Case 61	14	22,970,327	106,047,905	1	1	2	0
Case 61	14	106,067,618	106,175,202	3	1	4	0
Case 61	14	106,197,115	107,287,663	1	1	2	0
Case 61	15	20,034,919	21,904,331	1	1	2	0
Case 61	15	22,299,434	22,427,966	3	1	4	0
Case 61	15	22,652,330	102,461,162	1	1	2	0
Case 61	16	88,165	35,285,582	1	1	2	0
Case 61	16	46,450,037	78,291,853	1	1	2	0
Case 61	16	78,295,798	78,466,758	1	0	1	0
Case 61	16	78,470,718	90,274,695	1	1	2	0
Case 61	17	11,885	22,242,355	1	1	2	0
Case 61	17	25,268,142	63,761,473	1	1	2	0
Case 61	17	63,771,970	63,774,619	0	0	0	0
Case 61	17	63,776,591	81,060,040	1	1	2	0
Case 61	18	87,505	680,520	1	1	2	0
Case 61	18	681,962	687,270	0	0	0	0
Case 61	18	691,173	15,375,878	1	1	2	0
Case 61	18	18,520,354	78,015,180	1	1	2	0
Case 61	19	260,912	24,629,285	1	1	2	0
Case 61	19	27,732,159	56,313,528	1	1	2	0
Case 61	19	56,313,790	56,459,703	3	1	4	0
Case 61	19	56,462,032	59,097,160	1	1	2	0
Case 61	20	63,244	26,293,985	1	1	2	0
Case 61	20	29,425,357	62,948,788	1	1	2	0
Case 61	21	10,827,533	10,971,337	1	0	1	0
Case 61	21	14,368,320	15,516,948	1	0	1	0
Case 61	21	15,516,976	15,611,538	0	0	0	0
Case 61	21	15,613,985	15,634,304	2	0	2	1
Case 61	21	15,635,640	15,671,844	1	0	1	0
Case 61	21	15,672,376	15,735,675	2	0	2	1
Case 61	21	15,737,925	15,845,811	0	0	0	0
Case 61	21	15,849,705	16,056,850	1	0	1	0
Case 61	21	16,057,936	16,078,744	2	0	2	1
Case 61	21	16,082,060	16,116,306	0	0	0	0
Case 61	21	16,121,422	16,141,723	2	0	2	1
Case 61	21	16,145,455	17,034,757	1	0	1	0
Case 61	21	17,036,954	17,059,038	2	0	2	1
Case 61	21	17,065,143	17,654,621	0	0	0	0
Case 61	21	17,657,785	17,670,775	2	0	2	1
Case 61	21	17,675,675	18,208,052	0	0	0	0
Case 61	21	18,209,270	18,258,451	2	0	2	1
Case 61	21	18,259,803	18,431,858	0	0	0	0

Case 61	21	18,433,036	18,512,554	2	0	2	1
Case 61	21	18,513,763	18,544,139	0	0	0	0
Case 61	21	18,550,189	18,719,490	2	0	2	1
Case 61	21	18,720,293	18,781,682	0	0	0	0
Case 61	21	18,785,657	18,951,211	2	0	2	1
Case 61	21	18,951,922	19,101,049	0	0	0	0
Case 61	21	19,111,192	19,161,689	2	0	2	1
Case 61	21	19,162,434	19,481,354	0	0	0	0
Case 61	21	19,481,895	19,496,429	1	0	1	0
Case 61	21	19,497,133	19,526,240	2	0	2	1
Case 61	21	19,526,572	20,092,485	0	0	0	0
Case 61	21	20,099,787	20,725,800	1	0	1	0
Case 61	21	20,733,268	20,916,592	1	1	2	0
Case 61	21	20,917,695	21,278,832	1	0	1	0
Case 61	21	21,283,010	21,444,306	1	1	2	0
Case 61	21	21,472,584	21,535,472	0	0	0	0
Case 61	21	21,535,568	21,595,001	2	0	2	1
Case 61	21	21,595,797	21,719,191	0	0	0	0
Case 61	21	21,719,802	21,769,693	2	0	2	1
Case 61	21	21,775,361	22,044,940	0	0	0	0
Case 61	21	22,048,355	22,134,353	2	0	2	1
Case 61	21	22,138,217	22,197,073	0	0	0	0
Case 61	21	22,200,200	22,322,128	1	1	2	0
Case 61	21	22,323,966	22,502,404	1	0	1	0
Case 61	21	22,502,823	23,180,570	1	1	2	0
Case 61	21	23,183,066	23,508,194	1	0	1	0
Case 61	21	23,509,145	24,198,815	0	0	0	0
Case 61	21	24,200,410	24,278,597	2	0	2	1
Case 61	21	24,286,536	25,227,346	0	0	0	0
Case 61	21	25,227,478	25,241,584	2	0	2	1
Case 61	21	25,245,493	25,370,697	0	0	0	0
Case 61	21	25,377,909	25,377,909	2	0	2	1
Case 61	21	25,378,074	25,469,662	1	0	1	0
Case 61	21	25,470,087	25,900,645	0	0	0	0
Case 61	21	25,903,696	25,923,874	2	0	2	1
Case 61	21	25,924,849	25,985,248	0	0	0	0
Case 61	21	25,995,139	26,029,245	2	0	2	1
Case 61	21	26,029,465	26,080,959	0	0	0	0
Case 61	21	26,082,625	26,104,135	2	0	2	1
Case 61	21	26,107,503	26,646,303	0	0	0	0
Case 61	21	26,661,518	26,860,307	1	0	1	0
Case 61	21	26,866,666	27,071,018	0	0	0	0
Case 61	21	27,071,133	27,326,911	1	0	1	0
Case 61	21	27,327,580	27,337,921	2	0	2	1
Case 61	21	27,338,895	27,370,876	0	0	0	0
Case 61	21	27,374,450	27,448,787	2	0	2	1
Case 61	21	27,454,995	27,513,837	0	0	0	0
Case 61	21	27,514,740	27,666,882	2	0	2	1
Case 61	21	27,676,401	27,723,281	0	0	0	0
Case 61	21	27,724,640	27,759,926	2	0	2	1
Case 61	21	27,763,523	27,796,390	0	0	0	0
Case 61	21	27,796,993	27,832,331	2	0	2	1
Case 61	21	27,834,151	27,852,668	0	0	0	0
Case 61	21	27,852,724	27,865,978	2	0	2	1
Case 61	21	27,867,559	27,883,752	0	0	0	0
Case 61	21	27,884,497	27,982,756	1	0	1	0
Case 61	21	27,983,425	28,023,370	2	0	2	1
Case 61	21	28,025,911	29,724,890	1	1	2	0
Case 61	21	29,726,454	30,009,323	1	0	1	0
Case 61	21	30,014,047	30,277,102	1	1	2	0
Case 61	21	30,290,699	30,342,992	0	0	0	0

Case 61	21	30,343,003	30,699,637	1	0	1	0
Case 61	21	30,714,776	30,749,315	2	0	2	1
Case 61	21	30,752,554	30,847,259	0	0	0	0
Case 61	21	30,847,949	31,132,624	1	0	1	0
Case 61	21	31,136,207	31,161,917	2	0	2	1
Case 61	21	31,172,702	31,654,638	0	0	0	0
Case 61	21	31,654,809	31,869,296	1	0	1	0
Case 61	21	31,871,307	31,873,644	0	0	0	0
Case 61	21	31,874,201	31,874,201	1	0	1	0
Case 61	21	31,874,224	31,965,059	2	0	2	1
Case 61	21	31,973,405	32,008,332	0	0	0	0
Case 61	21	32,017,177	32,127,637	2	0	2	1
Case 61	21	32,155,783	32,252,137	0	0	0	0
Case 61	21	32,253,365	32,438,284	2	0	2	1
Case 61	21	32,440,540	32,484,078	0	0	0	0
Case 61	21	32,485,200	32,537,602	1	0	1	0
Case 61	21	32,546,603	35,839,963	1	1	2	0
Case 61	21	35,841,186	35,922,006	1	0	1	0
Case 61	21	35,926,150	35,987,882	1	1	2	0
Case 61	21	35,993,020	36,128,066	1	0	1	0
Case 61	21	36,131,274	36,241,929	2	0	2	1
Case 61	21	36,245,198	36,276,675	0	0	0	0
Case 61	21	36,279,713	36,501,415	1	0	1	0
Case 61	21	36,507,249	36,698,195	2	0	2	1
Case 61	21	36,700,822	36,854,998	0	0	0	0
Case 61	21	36,856,927	37,310,356	1	0	1	0
Case 61	21	37,311,117	37,406,849	2	0	2	1
Case 61	21	37,408,071	37,443,293	1	0	1	0
Case 61	21	37,443,349	37,518,706	2	0	2	1
Case 61	21	37,518,760	37,525,829	0	0	0	0
Case 61	21	37,533,405	37,584,314	2	0	2	1
Case 61	21	37,586,746	37,597,876	0	0	0	0
Case 61	21	37,597,909	37,795,217	1	0	1	0
Case 61	21	37,799,800	37,826,310	2	0	2	1
Case 61	21	37,829,040	37,856,682	0	0	0	0
Case 61	21	37,856,952	38,015,220	2	0	2	1
Case 61	21	38,017,529	38,042,539	0	0	0	0
Case 61	21	38,047,345	38,107,859	2	0	2	1
Case 61	21	38,113,998	38,184,059	1	0	1	0
Case 61	21	38,185,881	38,287,454	2	0	2	1
Case 61	21	38,288,609	38,694,688	1	0	1	0
Case 61	21	38,702,072	38,878,590	0	0	0	0
Case 61	21	38,878,599	38,934,599	2	0	2	1
Case 61	21	38,936,128	39,291,943	1	0	1	0
Case 61	21	39,300,431	39,551,232	2	0	2	1
Case 61	21	39,552,192	39,592,361	0	0	0	0
Case 61	21	39,601,147	40,021,090	1	0	1	0
Case 61	21	40,024,182	40,307,225	2	0	2	1
Case 61	21	40,314,704	40,335,046	0	0	0	0
Case 61	21	40,337,635	40,361,928	2	0	2	1
Case 61	21	40,363,690	40,425,289	1	0	1	0
Case 61	21	40,425,414	40,438,636	0	0	0	0
Case 61	21	40,439,262	40,520,783	2	0	2	1
Case 61	21	40,523,026	40,669,083	0	0	0	0
Case 61	21	40,669,305	40,735,606	2	0	2	1
Case 61	21	40,743,845	40,753,824	0	0	0	0
Case 61	21	40,757,973	40,778,025	2	0	2	1
Case 61	21	40,778,182	40,843,234	0	0	0	0
Case 61	21	40,844,300	40,899,071	1	0	1	0
Case 61	21	40,900,348	40,952,583	2	0	2	1
Case 61	21	40,955,085	41,527,915	1	0	1	0



Case 61	21	41,531,974	41,628,089	2	0	2	1
Case 61	21	41,640,542	41,801,051	0	0	0	0
Case 61	21	41,801,762	41,919,423	2	0	2	1
Case 61	21	41,921,960	42,024,151	0	0	0	0
Case 61	21	42,026,941	42,249,667	2	0	2	1
Case 61	21	42,251,261	42,291,678	1	0	1	0
Case 61	21	42,292,965	42,376,163	2	0	2	1
Case 61	21	42,381,055	43,188,023	1	0	1	0
Case 61	21	43,191,594	43,223,338	2	0	2	1
Case 61	21	43,223,585	43,439,562	1	0	1	0
Case 61	21	43,440,157	43,496,247	2	0	2	1
Case 61	21	43,496,273	43,531,248	1	0	1	0
Case 61	21	43,531,264	43,534,835	0	0	0	0
Case 61	21	43,535,986	43,554,456	2	0	2	1
Case 61	21	43,554,571	43,642,438	1	0	1	0
Case 61	21	43,643,591	43,726,490	2	0	2	1
Case 61	21	43,731,405	43,746,695	1	0	1	0
Case 61	21	43,759,441	43,768,324	2	0	2	1
Case 61	21	43,770,100	43,775,884	0	0	0	0
Case 61	21	43,776,682	43,786,313	2	0	2	1
Case 61	21	43,786,333	43,789,436	0	0	0	0
Case 61	21	43,789,772	44,720,807	1	0	1	0
Case 61	21	44,721,579	44,734,007	0	0	0	0
Case 61	21	44,737,883	44,833,854	2	0	2	1
Case 61	21	44,835,301	44,848,070	0	0	0	0
Case 61	21	44,852,616	44,874,702	2	0	2	1
Case 61	21	44,875,560	45,170,285	1	0	1	0
Case 61	21	45,172,628	45,367,464	2	0	2	1
Case 61	21	45,370,715	45,403,232	1	0	1	0
Case 61	21	45,404,338	45,421,406	2	0	2	1
Case 61	21	45,421,650	46,927,500	1	1	2	0
Case 61	21	46,930,092	46,950,811	1	0	1	0
Case 61	21	46,950,864	47,361,589	1	1	2	0
Case 61	21	47,362,224	47,445,184	1	0	1	0
Case 61	21	47,445,791	47,590,975	1	1	2	0
Case 61	21	47,596,235	47,639,417	1	0	1	0
Case 61	21	47,639,478	47,783,504	1	1	2	0
Case 61	21	47,783,806	47,863,853	1	0	1	0
Case 61	21	47,864,633	48,100,155	1	1	2	0
Case 61	22	16,114,244	29,134,338	1	1	2	0
Case 61	22	29,135,889	51,195,728	2	0	2	1
Case 62	1	82,154	12,868,237	1	1	2	0
Case 62	1	12,871,327	12,961,019	1	0	1	0
Case 62	1	13,176,463	17,249,161	1	1	2	0
Case 62	1	17,249,170	17,261,738	1	0	1	0
Case 62	1	17,265,413	18,021,758	1	1	2	0
Case 62	1	18,023,365	18,152,665	1	0	1	0
Case 62	1	18,152,871	18,183,424	2	0	2	1
Case 62	1	18,189,098	18,335,916	1	0	1	0
Case 62	1	18,336,903	18,355,150	2	0	2	1
Case 62	1	18,355,412	18,533,281	1	0	1	0
Case 62	1	18,543,784	81,342,300	1	1	2	0
Case 62	1	81,342,496	81,960,171	1	0	1	0
Case 62	1	81,969,284	81,995,870	2	0	2	1
Case 62	1	81,996,353	82,777,956	1	0	1	0
Case 62	1	82,787,818	82,835,418	2	0	2	1
Case 62	1	82,836,012	88,109,828	1	0	1	0
Case 62	1	88,112,646	88,150,542	2	0	2	1
Case 62	1	88,154,296	90,048,248	1	0	1	0
Case 62	1	90,048,531	90,245,167	2	0	2	1
Case 62	1	90,248,302	91,206,170	1	0	1	0

Case 62	1	91,209,986	91,260,316	2	0	2	1
Case 62	1	91,264,138	91,586,000	1	0	1	0
Case 62	1	91,602,551	91,632,172	2	0	2	1
Case 62	1	91,633,434	92,230,498	1	0	1	0
Case 62	1	92,237,572	92,425,621	2	0	2	1
Case 62	1	92,426,474	94,473,808	1	0	1	0
Case 62	1	94,473,845	94,499,133	2	0	2	1
Case 62	1	94,501,594	94,564,522	1	0	1	0
Case 62	1	94,564,529	94,586,844	2	0	2	1
Case 62	1	94,586,890	94,929,485	1	0	1	0
Case 62	1	94,930,345	95,230,514	2	0	2	1
Case 62	1	95,232,272	95,825,187	1	0	1	0
Case 62	1	95,828,652	97,926,839	1	1	2	0
Case 62	1	97,932,659	97,951,313	2	1	3	0
Case 62	1	97,955,273	109,366,554	1	1	2	0
Case 62	1	109,367,944	109,371,874	1	0	1	0
Case 62	1	109,373,214	121,346,616	1	1	2	0
Case 62	1	142,649,718	145,608,122	1	1	2	0
Case 62	1	145,608,146	145,762,959	1	0	1	0
Case 62	1	145,765,424	148,937,908	1	1	2	0
Case 62	1	149,039,031	149,201,987	1	0	1	0
Case 62	1	149,660,940	151,773,167	1	1	2	0
Case 62	1	151,773,851	152,160,437	2	1	3	0
Case 62	1	152,161,735	249,218,992	1	1	2	0
Case 62	2	18,674	92,081,640	1	1	2	0
Case 62	2	95,429,424	114,341,190	1	1	2	0
Case 62	2	114,404,126	114,503,873	2	1	3	0
Case 62	2	114,508,022	142,191,011	1	1	2	0
Case 62	2	142,194,933	142,286,840	1	0	1	0
Case 62	2	142,287,827	243,048,760	1	1	2	0
Case 62	3	61,495	27,390,490	1	1	2	0
Case 62	3	27,393,976	27,707,901	1	0	1	0
Case 62	3	27,709,178	60,448,671	1	1	2	0
Case 62	3	60,453,227	60,461,416	1	0	1	0
Case 62	3	60,461,994	60,498,172	2	0	2	1
Case 62	3	60,498,520	60,523,330	1	0	1	0
Case 62	3	60,531,242	90,442,925	1	1	2	0
Case 62	3	93,537,290	103,062,026	1	1	2	0
Case 62	3	103,079,255	103,094,740	0	0	0	0
Case 62	3	103,097,277	103,097,277	1	0	1	0
Case 62	3	103,099,956	197,838,262	1	1	2	0
Case 62	4	71,566	265,955	2	1	3	0
Case 62	4	266,147	438,030	1	1	2	0
Case 62	4	438,080	501,212	2	1	3	0
Case 62	4	501,347	4,137,172	1	1	2	0
Case 62	4	4,167,133	6,292,945	2	1	3	0
Case 62	4	6,293,040	6,325,086	1	1	2	0
Case 62	4	6,325,177	6,918,679	2	1	3	0
Case 62	4	6,919,661	7,035,637	1	1	2	0
Case 62	4	7,039,197	8,373,088	2	1	3	0
Case 62	4	8,373,832	8,608,634	1	1	2	0
Case 62	4	8,609,123	9,456,977	2	1	3	0
Case 62	4	9,470,222	28,957,536	1	1	2	0
Case 62	4	28,958,205	28,972,033	1	0	1	0
Case 62	4	28,975,242	38,798,561	1	1	2	0
Case 62	4	38,799,283	38,800,339	0	0	0	0
Case 62	4	38,802,528	38,829,722	1	0	1	0
Case 62	4	38,829,815	41,061,049	1	1	2	0
Case 62	4	41,063,203	41,376,347	2	1	3	0
Case 62	4	41,377,619	49,620,898	1	1	2	0
Case 62	4	52,697,856	72,215,759	1	1	2	0

Case 62	4	72,237,431	72,618,334	1	0	1	0
Case 62	4	72,620,162	91,866,171	1	1	2	0
Case 62	4	91,868,624	91,902,620	1	0	1	0
Case 62	4	91,910,883	92,281,057	1	1	2	0
Case 62	4	92,283,771	92,421,296	1	0	1	0
Case 62	4	92,431,729	133,513,991	1	1	2	0
Case 62	4	133,517,802	133,577,811	1	0	1	0
Case 62	4	133,581,317	186,851,062	1	1	2	0
Case 62	4	186,855,364	186,943,462	2	1	3	0
Case 62	4	186,944,931	190,963,766	1	1	2	0
Case 62	5	38,139	1,051,687	1	1	2	0
Case 62	5	1,051,918	1,243,427	2	1	3	0
Case 62	5	1,243,475	46,399,093	1	1	2	0
Case 62	5	49,457,282	58,886,873	1	1	2	0
Case 62	5	58,893,931	59,398,304	1	0	1	0
Case 62	5	59,420,684	59,439,082	2	0	2	1
Case 62	5	59,445,137	59,847,754	1	0	1	0
Case 62	5	59,877,538	105,453,357	1	1	2	0
Case 62	5	105,471,506	105,529,139	1	0	1	0
Case 62	5	105,542,302	139,931,384	1	1	2	0
Case 62	5	139,931,607	139,931,653	0	0	0	0
Case 62	5	139,931,655	139,936,823	1	0	1	0
Case 62	5	139,936,825	178,724,727	1	1	2	0
Case 62	5	178,730,062	178,935,665	2	1	3	0
Case 62	5	178,936,722	180,693,127	1	1	2	0
Case 62	6	108,666	41,908,122	1	1	2	0
Case 62	6	41,910,064	42,229,191	2	1	3	0
Case 62	6	42,231,219	58,752,089	1	1	2	0
Case 62	6	61,891,118	77,000,660	1	1	2	0
Case 62	6	77,020,141	77,024,665	1	0	1	0
Case 62	6	77,059,064	135,440,127	1	1	2	0
Case 62	6	135,447,773	135,659,703	2	1	3	0
Case 62	6	135,669,031	138,777,385	1	1	2	0
Case 62	6	138,791,986	138,889,283	1	0	1	0
Case 62	6	138,893,460	170,980,171	1	1	2	0
Case 62	7	44,935	68,920	2	1	3	0
Case 62	7	83,185	2,309,271	1	1	2	0
Case 62	7	2,309,355	2,724,098	2	1	3	0
Case 62	7	2,727,337	12,982,479	1	1	2	0
Case 62	7	12,990,038	13,493,720	1	0	1	0
Case 62	7	13,497,326	38,298,285	1	1	2	0
Case 62	7	38,313,248	38,356,415	2	1	3	0
Case 62	7	38,356,545	58,019,061	1	1	2	0
Case 62	7	61,056,053	61,747,794	1	1	2	0
Case 62	7	61,852,895	73,889,810	1	0	1	0
Case 62	7	73,891,118	74,045,054	2	0	2	1
Case 62	7	74,069,645	75,517,489	1	0	1	0
Case 62	7	75,517,907	75,608,848	2	0	2	1
Case 62	7	75,608,986	75,896,741	1	0	1	0
Case 62	7	75,906,486	75,975,427	2	0	2	1
Case 62	7	75,975,586	76,336,888	1	0	1	0
Case 62	7	76,341,486	76,538,443	2	0	2	1
Case 62	7	76,548,003	77,665,201	1	0	1	0
Case 62	7	77,665,925	77,696,285	2	0	2	1
Case 62	7	77,706,847	82,577,973	1	0	1	0
Case 62	7	82,579,137	82,584,553	2	0	2	1
Case 62	7	82,584,573	88,964,350	1	0	1	0
Case 62	7	88,964,538	88,966,204	2	0	2	1
Case 62	7	88,969,883	92,821,959	1	0	1	0
Case 62	7	92,824,879	92,855,334	2	0	2	1
Case 62	7	92,855,725	94,021,475	1	0	1	0

Case 62	7	94,021,546	134,925,322	1	1	2	0
Case 62	7	134,927,578	134,942,937	1	0	1	0
Case 62	7	134,943,185	135,013,131	2	0	2	1
Case 62	7	135,014,808	135,119,417	1	0	1	0
Case 62	7	135,123,060	149,548,591	1	1	2	0
Case 62	7	149,551,993	149,787,501	2	1	3	0
Case 62	7	149,806,076	153,478,281	1	1	2	0
Case 62	7	153,485,627	153,615,099	3	1	4	0
Case 62	7	153,616,857	153,654,045	2	1	3	0
Case 62	7	153,670,448	159,119,486	1	1	2	0
Case 62	8	164,984	617,885	2	1	3	0
Case 62	8	618,626	642,842	1	1	2	0
Case 62	8	644,824	2,066,033	2	1	3	0
Case 62	8	2,067,475	2,077,127	1	1	2	0
Case 62	8	2,077,177	3,784,833	2	1	3	0
Case 62	8	3,786,543	3,789,272	1	0	1	0
Case 62	8	3,791,362	10,464,706	2	1	3	0
Case 62	8	10,464,727	10,468,353	1	1	2	0
Case 62	8	10,468,373	15,389,837	2	1	3	0
Case 62	8	15,395,144	26,148,748	1	1	2	0
Case 62	8	26,159,509	28,535,241	2	1	3	0
Case 62	8	28,541,640	37,639,271	1	1	2	0
Case 62	8	37,645,466	37,884,310	2	1	3	0
Case 62	8	37,887,422	43,791,691	1	1	2	0
Case 62	8	46,886,735	50,416,266	1	1	2	0
Case 62	8	50,430,756	50,539,763	4	1	5	0
Case 62	8	50,545,758	65,213,478	1	1	2	0
Case 62	8	65,227,070	88,852,543	2	1	3	0
Case 62	8	88,856,948	88,930,662	1	1	2	0
Case 62	8	88,934,441	90,366,827	2	1	3	0
Case 62	8	90,369,994	90,385,087	2	0	2	1
Case 62	8	90,406,301	90,545,792	1	0	1	0
Case 62	8	90,546,979	91,127,680	2	1	3	0
Case 62	8	91,130,683	91,293,849	3	1	4	0
Case 62	8	91,297,472	109,092,541	2	1	3	0
Case 62	8	109,094,747	109,272,006	1	1	2	0
Case 62	8	109,280,487	128,471,041	2	1	3	0
Case 62	8	128,472,320	128,550,123	3	1	4	0
Case 62	8	128,558,990	128,657,531	2	1	3	0
Case 62	8	128,660,096	128,706,908	3	1	4	0
Case 62	8	128,707,095	141,847,249	2	1	3	0
Case 62	8	141,857,322	142,189,589	2	0	2	1
Case 62	8	142,190,927	144,919,284	2	1	3	0
Case 62	8	144,919,852	144,943,446	1	1	2	0
Case 62	8	144,943,745	144,984,956	2	1	3	0
Case 62	8	144,990,587	145,011,204	1	1	2	0
Case 62	8	145,012,801	145,094,836	2	1	3	0
Case 62	8	145,094,849	145,216,008	1	1	2	0
Case 62	8	145,223,191	146,293,414	2	1	3	0
Case 62	9	46,587	9,605,832	1	1	2	0
Case 62	9	9,609,283	9,685,304	1	0	1	0
Case 62	9	9,687,487	26,523,911	1	1	2	0
Case 62	9	26,524,416	26,624,871	1	0	1	0
Case 62	9	26,626,081	46,944,322	1	1	2	0
Case 62	9	65,629,772	141,066,491	1	1	2	0
Case 62	10	98,087	4,842,737	1	1	2	0
Case 62	10	4,845,062	4,899,130	2	1	3	0
Case 62	10	4,901,798	19,357,411	1	1	2	0
Case 62	10	19,357,737	19,375,392	2	1	3	0
Case 62	10	19,375,491	19,921,103	1	1	2	0
Case 62	10	19,929,513	22,611,360	1	0	1	0

Case 62	10	22,616,244	39,097,912	1	1	2	0
Case 62	10	42,436,301	129,843,858	1	1	2	0
Case 62	10	129,845,547	129,894,034	1	0	1	0
Case 62	10	129,897,565	135,477,883	1	1	2	0
Case 62	11	193,146	10,603,648	1	1	2	0
Case 62	11	10,608,389	11,440,262	2	1	3	0
Case 62	11	11,441,318	40,580,159	1	1	2	0
Case 62	11	40,586,402	40,744,768	1	0	1	0
Case 62	11	40,756,460	51,591,253	1	1	2	0
Case 62	11	54,794,237	134,934,063	1	1	2	0
Case 62	12	191,619	34,853,011	1	1	2	0
Case 62	12	37,876,400	59,415,687	1	1	2	0
Case 62	12	59,420,090	59,492,245	2	1	3	0
Case 62	12	59,494,106	62,983,143	1	1	2	0
Case 62	12	62,986,620	63,057,811	1	0	1	0
Case 62	12	63,060,342	63,162,879	2	0	2	1
Case 62	12	63,167,606	133,810,935	1	1	2	0
Case 62	13	19,058,717	19,423,079	2	0	2	1
Case 62	13	19,450,614	19,645,637	3	0	3	1
Case 62	13	19,648,358	20,689,298	2	0	2	1
Case 62	13	20,695,554	20,891,653	3	0	3	1
Case 62	13	20,893,431	21,118,721	2	0	2	1
Case 62	13	21,120,557	21,622,034	3	0	3	1
Case 62	13	21,625,473	22,425,690	2	0	2	1
Case 62	13	22,427,753	22,649,069	3	0	3	1
Case 62	13	22,651,348	23,112,285	2	0	2	1
Case 62	13	23,114,395	23,349,733	3	0	3	1
Case 62	13	23,350,509	23,470,137	2	0	2	1
Case 62	13	23,478,133	23,625,373	3	0	3	1
Case 62	13	23,625,664	23,824,818	2	0	2	1
Case 62	13	23,827,815	23,865,644	3	0	3	1
Case 62	13	23,868,510	24,255,384	2	0	2	1
Case 62	13	24,255,594	24,839,437	3	0	3	1
Case 62	13	24,847,311	25,573,633	2	0	2	1
Case 62	13	25,579,336	25,743,803	3	0	3	1
Case 62	13	25,744,055	26,173,654	2	0	2	1
Case 62	13	26,174,679	26,519,625	3	0	3	1
Case 62	13	26,522,930	26,630,094	2	0	2	1
Case 62	13	26,637,596	26,700,180	3	0	3	1
Case 62	13	26,700,284	26,986,735	2	0	2	1
Case 62	13	26,987,527	27,090,036	3	0	3	1
Case 62	13	27,097,235	27,272,502	2	0	2	1
Case 62	13	27,273,093	27,321,268	3	0	3	1
Case 62	13	27,322,777	27,930,900	2	0	2	1
Case 62	13	27,933,910	27,989,415	3	0	3	1
Case 62	13	27,992,794	28,150,381	2	0	2	1
Case 62	13	28,152,734	28,284,941	3	0	3	1
Case 62	13	28,286,430	28,562,605	2	0	2	1
Case 62	13	28,562,901	28,578,209	3	0	3	1
Case 62	13	28,578,221	28,840,918	2	0	2	1
Case 62	13	28,844,967	29,194,666	3	0	3	1
Case 62	13	29,194,769	29,306,506	2	0	2	1
Case 62	13	29,310,780	29,581,618	3	0	3	1
Case 62	13	29,584,893	29,698,143	2	0	2	1
Case 62	13	29,704,273	30,256,751	3	0	3	1
Case 62	13	30,256,874	30,320,185	2	0	2	1
Case 62	13	30,332,070	30,484,979	3	0	3	1
Case 62	13	30,486,096	30,648,399	2	0	2	1
Case 62	13	30,649,751	31,079,837	3	0	3	1
Case 62	13	31,080,015	31,558,019	2	0	2	1
Case 62	13	31,564,430	31,703,734	3	0	3	1

Case 62	13	31,705,415	31,945,277	2	0	2	1
Case 62	13	31,950,629	32,095,732	3	0	3	1
Case 62	13	32,097,472	32,355,432	2	0	2	1
Case 62	13	32,359,778	32,764,327	3	0	3	1
Case 62	13	32,766,817	33,018,228	2	0	2	1
Case 62	13	33,030,098	33,110,134	3	0	3	1
Case 62	13	33,110,351	33,552,841	2	0	2	1
Case 62	13	33,553,508	33,682,194	3	0	3	1
Case 62	13	33,684,035	33,712,785	2	0	2	1
Case 62	13	33,715,272	34,411,437	3	0	3	1
Case 62	13	34,422,585	34,566,448	2	0	2	1
Case 62	13	34,568,295	34,716,568	3	0	3	1
Case 62	13	34,722,390	34,825,686	2	0	2	1
Case 62	13	34,826,347	34,932,162	3	0	3	1
Case 62	13	34,935,717	35,250,631	2	0	2	1
Case 62	13	35,251,941	35,489,094	3	0	3	1
Case 62	13	35,493,285	35,860,174	2	0	2	1
Case 62	13	35,862,493	36,041,311	3	0	3	1
Case 62	13	36,042,269	36,241,588	2	0	2	1
Case 62	13	36,242,931	36,480,042	3	0	3	1
Case 62	13	36,480,983	36,916,985	2	0	2	1
Case 62	13	36,922,823	37,499,597	3	0	3	1
Case 62	13	37,500,101	37,868,292	2	0	2	1
Case 62	13	37,875,204	37,957,009	3	0	3	1
Case 62	13	37,968,151	38,248,380	2	0	2	1
Case 62	13	38,248,655	38,459,224	3	0	3	1
Case 62	13	38,459,596	38,670,647	2	0	2	1
Case 62	13	38,672,455	38,877,678	3	0	3	1
Case 62	13	38,880,107	39,266,207	2	0	2	1
Case 62	13	39,266,211	39,403,675	3	0	3	1
Case 62	13	39,406,629	39,456,352	2	0	2	1
Case 62	13	39,457,850	39,474,691	3	0	3	1
Case 62	13	39,478,755	39,622,451	2	0	2	1
Case 62	13	39,623,621	40,018,688	3	0	3	1
Case 62	13	40,020,267	40,078,966	2	0	2	1
Case 62	13	40,079,139	40,363,878	3	0	3	1
Case 62	13	40,367,908	40,500,414	2	0	2	1
Case 62	13	40,502,985	41,506,884	3	0	3	1
Case 62	13	41,507,579	41,950,643	2	0	2	1
Case 62	13	41,959,056	42,352,171	3	0	3	1
Case 62	13	42,363,295	42,465,713	2	0	2	1
Case 62	13	42,481,712	42,704,451	3	0	3	1
Case 62	13	42,704,669	42,801,654	2	0	2	1
Case 62	13	42,803,130	42,871,281	3	0	3	1
Case 62	13	42,872,866	42,882,620	2	0	2	1
Case 62	13	42,882,762	43,842,287	3	0	3	1
Case 62	13	43,843,812	43,962,622	2	0	2	1
Case 62	13	43,962,659	44,932,534	3	0	3	1
Case 62	13	44,932,904	45,319,586	2	0	2	1
Case 62	13	45,321,621	45,474,782	3	0	3	1
Case 62	13	45,474,982	45,601,999	2	0	2	1
Case 62	13	45,602,125	45,667,725	3	0	3	1
Case 62	13	45,685,690	46,124,375	2	0	2	1
Case 62	13	46,125,919	46,319,427	3	0	3	1
Case 62	13	46,323,261	47,109,885	2	0	2	1
Case 62	13	47,112,120	47,429,228	3	0	3	1
Case 62	13	47,432,154	47,584,754	2	0	2	1
Case 62	13	47,585,566	47,908,990	3	0	3	1
Case 62	13	47,917,120	48,230,064	2	0	2	1
Case 62	13	48,238,235	48,734,519	3	0	3	1
Case 62	13	48,742,061	49,110,661	2	0	2	1

Case 62	13	49,123,516	50,586,405	3	0	3	1
Case 62	13	50,586,897	51,102,058	2	0	2	1
Case 62	13	51,105,334	51,237,502	1	0	1	0
Case 62	13	51,243,141	51,321,034	2	0	2	1
Case 62	13	51,322,188	51,440,111	3	0	3	1
Case 62	13	51,440,933	51,601,735	2	0	2	1
Case 62	13	51,603,768	51,853,117	3	0	3	1
Case 62	13	51,854,595	52,365,354	2	0	2	1
Case 62	13	52,367,207	52,409,860	3	0	3	1
Case 62	13	52,410,120	53,309,433	2	0	2	1
Case 62	13	53,311,557	53,523,952	3	0	3	1
Case 62	13	53,524,103	54,059,116	2	0	2	1
Case 62	13	54,060,827	54,182,609	3	0	3	1
Case 62	13	54,195,907	54,528,432	2	0	2	1
Case 62	13	54,531,287	55,118,412	3	0	3	1
Case 62	13	55,121,022	55,389,385	2	0	2	1
Case 62	13	55,410,641	55,875,284	3	0	3	1
Case 62	13	55,884,268	56,574,691	2	0	2	1
Case 62	13	56,578,765	57,156,001	3	0	3	1
Case 62	13	57,183,350	58,838,656	2	0	2	1
Case 62	13	58,840,509	60,031,328	3	0	3	1
Case 62	13	60,040,234	60,215,512	2	0	2	1
Case 62	13	60,218,316	60,544,492	3	0	3	1
Case 62	13	60,545,105	60,590,107	2	0	2	1
Case 62	13	60,590,205	61,409,805	3	0	3	1
Case 62	13	61,410,191	61,601,904	2	0	2	1
Case 62	13	61,603,054	61,984,781	3	0	3	1
Case 62	13	61,985,401	61,989,161	2	0	2	1
Case 62	13	61,989,175	62,064,817	3	0	3	1
Case 62	13	62,068,438	62,629,774	2	0	2	1
Case 62	13	62,640,800	63,145,579	3	0	3	1
Case 62	13	63,160,598	63,262,970	2	0	2	1
Case 62	13	63,277,176	63,521,891	3	0	3	1
Case 62	13	63,530,550	64,000,226	2	0	2	1
Case 62	13	64,000,669	64,240,088	3	0	3	1
Case 62	13	64,242,477	64,553,688	2	0	2	1
Case 62	13	64,555,757	64,620,998	3	0	3	1
Case 62	13	64,626,247	64,882,951	2	0	2	1
Case 62	13	64,884,501	65,985,590	3	0	3	1
Case 62	13	65,985,897	66,338,836	2	0	2	1
Case 62	13	66,338,922	67,302,371	3	0	3	1
Case 62	13	67,303,241	67,516,879	2	0	2	1
Case 62	13	67,519,121	68,371,849	3	0	3	1
Case 62	13	68,379,253	68,625,169	2	0	2	1
Case 62	13	68,652,684	69,452,780	3	0	3	1
Case 62	13	69,453,116	69,598,747	2	0	2	1
Case 62	13	69,599,261	71,209,158	3	0	3	1
Case 62	13	71,212,504	74,370,566	4	0	4	1
Case 62	13	74,372,931	74,729,276	3	0	3	1
Case 62	13	74,729,938	74,974,859	2	0	2	1
Case 62	13	74,975,469	75,082,588	3	0	3	1
Case 62	13	75,084,120	75,811,229	2	0	2	1
Case 62	13	75,811,324	75,894,015	3	0	3	1
Case 62	13	75,898,371	75,981,018	2	0	2	1
Case 62	13	75,983,322	76,059,632	3	0	3	1
Case 62	13	76,064,409	76,301,193	2	0	2	1
Case 62	13	76,310,850	76,807,419	3	0	3	1
Case 62	13	76,807,753	76,925,888	2	0	2	1
Case 62	13	76,926,295	77,605,164	3	0	3	1
Case 62	13	77,612,293	78,042,890	2	0	2	1
Case 62	13	78,044,267	78,820,613	3	0	3	1

Case 62	13	78,820,747	79,459,745	2	0	2	1
Case 62	13	79,464,103	79,603,929	3	0	3	1
Case 62	13	79,608,223	80,107,332	2	0	2	1
Case 62	13	80,107,472	81,831,345	3	0	3	1
Case 62	13	81,833,233	82,204,891	2	0	2	1
Case 62	13	82,215,140	82,446,327	3	0	3	1
Case 62	13	82,449,544	83,085,241	2	0	2	1
Case 62	13	83,107,564	83,829,699	3	0	3	1
Case 62	13	83,831,862	84,441,104	2	0	2	1
Case 62	13	84,448,852	85,054,266	3	0	3	1
Case 62	13	85,055,565	85,712,496	2	0	2	1
Case 62	13	85,715,880	86,023,878	3	0	3	1
Case 62	13	86,027,377	86,133,478	2	0	2	1
Case 62	13	86,139,944	86,449,460	3	0	3	1
Case 62	13	86,455,076	87,060,467	2	0	2	1
Case 62	13	87,061,837	88,217,940	3	0	3	1
Case 62	13	88,227,874	88,506,039	2	0	2	1
Case 62	13	88,512,564	90,188,973	3	0	3	1
Case 62	13	90,192,152	91,393,872	2	0	2	1
Case 62	13	91,408,639	91,749,956	3	0	3	1
Case 62	13	91,751,619	91,889,801	2	0	2	1
Case 62	13	91,890,014	91,981,823	3	0	3	1
Case 62	13	91,983,910	92,102,487	2	0	2	1
Case 62	13	92,114,016	92,287,315	3	0	3	1
Case 62	13	92,290,179	92,582,145	2	0	2	1
Case 62	13	92,584,162	93,241,744	3	0	3	1
Case 62	13	93,242,628	93,303,777	2	0	2	1
Case 62	13	93,308,561	93,646,043	3	0	3	1
Case 62	13	93,646,247	93,879,390	2	0	2	1
Case 62	13	93,879,719	94,977,567	3	0	3	1
Case 62	13	94,977,668	95,037,646	2	0	2	1
Case 62	13	95,038,990	95,219,870	3	0	3	1
Case 62	13	95,221,268	95,279,467	2	0	2	1
Case 62	13	95,281,129	95,513,006	3	0	3	1
Case 62	13	95,514,963	95,579,673	2	0	2	1
Case 62	13	95,581,052	95,811,599	3	0	3	1
Case 62	13	95,812,745	95,837,722	2	0	2	1
Case 62	13	95,838,046	95,860,075	3	0	3	1
Case 62	13	95,860,214	95,962,578	2	0	2	1
Case 62	13	95,963,788	96,055,794	3	0	3	1
Case 62	13	96,055,796	96,123,086	2	0	2	1
Case 62	13	96,126,828	96,168,492	3	0	3	1
Case 62	13	96,169,686	96,866,183	2	0	2	1
Case 62	13	96,870,965	97,911,563	3	0	3	1
Case 62	13	97,912,931	98,061,465	2	0	2	1
Case 62	13	98,076,178	98,433,916	3	0	3	1
Case 62	13	98,436,990	98,522,369	2	0	2	1
Case 62	13	98,525,890	98,611,106	3	0	3	1
Case 62	13	98,612,163	98,719,298	2	0	2	1
Case 62	13	98,722,151	99,340,085	3	0	3	1
Case 62	13	99,340,423	99,438,618	2	0	2	1
Case 62	13	99,438,976	99,788,169	3	0	3	1
Case 62	13	99,796,620	100,480,664	2	0	2	1
Case 62	13	100,480,897	100,913,883	3	0	3	1
Case 62	13	100,925,464	101,070,423	2	0	2	1
Case 62	13	101,072,942	101,212,300	3	0	3	1
Case 62	13	101,214,522	101,549,258	2	0	2	1
Case 62	13	101,550,773	101,734,838	3	0	3	1
Case 62	13	101,735,211	101,836,752	2	0	2	1
Case 62	13	101,838,088	102,108,087	3	0	3	1
Case 62	13	102,108,308	102,366,206	2	0	2	1



Case 62	13	102,366,742	102,492,232	3	0	3	1
Case 62	13	102,493,223	102,556,498	2	0	2	1
Case 62	13	102,556,657	103,272,017	3	0	3	1
Case 62	13	103,275,386	103,339,709	2	0	2	1
Case 62	13	103,341,164	103,383,497	3	0	3	1
Case 62	13	103,383,524	103,667,305	2	0	2	1
Case 62	13	103,667,397	103,709,569	3	0	3	1
Case 62	13	103,709,825	103,727,066	2	0	2	1
Case 62	13	103,728,728	103,985,291	3	0	3	1
Case 62	13	103,989,730	104,151,462	2	0	2	1
Case 62	13	104,153,016	104,300,045	3	0	3	1
Case 62	13	104,300,683	104,533,933	2	0	2	1
Case 62	13	104,539,503	104,647,290	3	0	3	1
Case 62	13	104,649,962	104,818,367	2	0	2	1
Case 62	13	104,819,530	105,279,219	3	0	3	1
Case 62	13	105,286,579	105,488,375	2	0	2	1
Case 62	13	105,489,539	105,589,982	3	0	3	1
Case 62	13	105,593,166	105,707,199	2	0	2	1
Case 62	13	105,715,069	105,943,879	3	0	3	1
Case 62	13	105,944,572	105,986,476	2	0	2	1
Case 62	13	105,987,441	106,065,361	3	0	3	1
Case 62	13	106,066,286	106,505,404	2	0	2	1
Case 62	13	106,509,195	107,172,275	3	0	3	1
Case 62	13	107,172,806	107,254,553	2	0	2	1
Case 62	13	107,257,159	108,326,571	3	0	3	1
Case 62	13	108,327,953	109,066,918	2	0	2	1
Case 62	13	109,077,137	109,502,849	3	0	3	1
Case 62	13	109,504,041	109,686,087	2	0	2	1
Case 62	13	109,687,009	110,130,628	3	0	3	1
Case 62	13	110,137,144	110,589,218	2	0	2	1
Case 62	13	110,598,964	110,813,991	3	0	3	1
Case 62	13	110,815,400	110,908,777	2	0	2	1
Case 62	13	110,909,919	111,047,350	3	0	3	1
Case 62	13	111,049,216	111,118,382	2	0	2	1
Case 62	13	111,118,948	111,231,833	3	0	3	1
Case 62	13	111,235,729	111,955,465	2	0	2	1
Case 62	13	111,955,907	111,981,222	3	0	3	1
Case 62	13	111,981,399	112,144,318	2	0	2	1
Case 62	13	112,144,613	112,240,131	3	0	3	1
Case 62	13	112,241,191	112,575,568	2	0	2	1
Case 62	13	112,576,137	112,651,089	3	0	3	1
Case 62	13	112,651,500	113,011,441	2	0	2	1
Case 62	13	113,014,176	113,206,738	3	0	3	1
Case 62	13	113,208,394	115,103,529	2	0	2	1
Case 62	14	19,280,733	20,213,937	1	0	1	0
Case 62	14	20,214,907	22,736,661	1	1	2	0
Case 62	14	22,737,346	22,946,231	2	1	3	0
Case 62	14	22,947,903	67,768,828	1	1	2	0
Case 62	14	67,769,177	67,946,912	2	1	3	0
Case 62	14	67,948,482	67,964,098	2	0	2	1
Case 62	14	67,964,355	68,252,707	2	1	3	0
Case 62	14	68,252,852	107,287,663	1	1	2	0
Case 62	15	20,034,919	49,081,537	1	1	2	0
Case 62	15	49,083,481	49,184,681	1	0	1	0
Case 62	15	49,186,882	49,222,246	2	0	2	1
Case 62	15	49,222,576	50,528,259	1	0	1	0
Case 62	15	50,530,415	50,534,832	2	0	2	1
Case 62	15	50,534,852	51,446,916	1	0	1	0
Case 62	15	51,450,000	51,507,874	2	0	2	1
Case 62	15	51,507,935	53,149,388	1	0	1	0
Case 62	15	53,154,756	53,169,284	2	0	2	1

Case 62	15	53,169,965	53,633,410	1	0	1	0
Case 62	15	53,648,048	53,716,187	2	0	2	1
Case 62	15	53,719,045	57,597,280	1	0	1	0
Case 62	15	57,598,517	57,680,883	2	0	2	1
Case 62	15	57,680,959	57,745,898	1	0	1	0
Case 62	15	57,745,960	57,764,353	2	0	2	1
Case 62	15	57,766,915	57,782,249	1	0	1	0
Case 62	15	57,783,250	57,836,690	2	0	2	1
Case 62	15	57,836,696	58,443,766	1	0	1	0
Case 62	15	58,443,824	58,471,327	2	0	2	1
Case 62	15	58,471,357	58,676,119	1	0	1	0
Case 62	15	58,678,512	58,685,631	2	0	2	1
Case 62	15	58,685,642	58,748,906	1	0	1	0
Case 62	15	58,751,587	58,852,463	2	0	2	1
Case 62	15	58,853,079	59,742,029	1	0	1	0
Case 62	15	59,743,010	59,848,505	2	0	2	1
Case 62	15	59,848,556	60,116,817	1	0	1	0
Case 62	15	60,126,236	60,145,962	2	0	2	1
Case 62	15	60,146,106	60,463,545	1	0	1	0
Case 62	15	60,469,637	60,592,322	2	0	2	1
Case 62	15	60,600,544	60,927,204	1	0	1	0
Case 62	15	60,935,854	61,128,890	2	0	2	1
Case 62	15	61,130,045	61,825,956	1	0	1	0
Case 62	15	61,826,940	61,903,224	2	0	2	1
Case 62	15	61,904,270	62,396,198	1	0	1	0
Case 62	15	62,396,389	62,429,997	2	0	2	1
Case 62	15	62,433,962	62,667,829	1	0	1	0
Case 62	15	62,670,686	62,729,354	2	0	2	1
Case 62	15	62,732,330	63,265,156	1	0	1	0
Case 62	15	63,265,244	63,303,416	2	0	2	1
Case 62	15	63,305,332	63,662,157	1	0	1	0
Case 62	15	63,663,833	63,687,294	2	0	2	1
Case 62	15	63,690,544	65,496,666	1	0	1	0
Case 62	15	65,496,909	65,511,429	2	0	2	1
Case 62	15	65,528,494	66,314,082	1	0	1	0
Case 62	15	66,319,407	66,448,125	2	0	2	1
Case 62	15	66,448,456	67,301,687	1	0	1	0
Case 62	15	67,302,639	67,467,507	2	0	2	1
Case 62	15	67,473,790	68,452,136	1	0	1	0
Case 62	15	68,467,093	71,058,520	1	1	2	0
Case 62	15	71,068,158	71,143,992	2	1	3	0
Case 62	15	71,144,048	102,461,162	1	1	2	0
Case 62	16	88,165	112,867	2	0	2	1
Case 62	16	113,027	131,109	1	0	1	0
Case 62	16	133,061	298,137	2	0	2	1
Case 62	16	298,588	348,687	1	0	1	0
Case 62	16	349,293	613,344	2	0	2	1
Case 62	16	613,350	626,240	1	0	1	0
Case 62	16	627,920	678,430	2	0	2	1
Case 62	16	678,877	749,057	1	0	1	0
Case 62	16	754,565	772,985	2	0	2	1
Case 62	16	772,988	1,184,126	1	0	1	0
Case 62	16	1,184,967	1,250,279	2	0	2	1
Case 62	16	1,250,378	1,288,881	1	0	1	0
Case 62	16	1,295,125	1,308,333	2	0	2	1
Case 62	16	1,311,333	1,396,609	1	0	1	0
Case 62	16	1,396,891	1,532,837	2	0	2	1
Case 62	16	1,535,950	1,537,940	1	0	1	0
Case 62	16	1,537,956	1,549,233	2	0	2	1
Case 62	16	1,550,113	1,574,615	1	0	1	0
Case 62	16	1,574,838	1,618,321	2	0	2	1

Case 62	16	1,621,486	1,760,091	1	0	1	0
Case 62	16	1,761,319	1,812,884	2	0	2	1
Case 62	16	1,813,658	1,826,154	1	0	1	0
Case 62	16	1,826,302	1,840,711	2	0	2	1
Case 62	16	1,840,741	1,859,342	1	0	1	0
Case 62	16	1,859,345	1,890,056	2	0	2	1
Case 62	16	1,891,843	1,934,183	1	0	1	0
Case 62	16	1,943,418	2,024,204	2	0	2	1
Case 62	16	2,024,205	2,053,634	1	0	1	0
Case 62	16	2,054,155	2,121,610	2	0	2	1
Case 62	16	2,121,617	2,158,623	1	0	1	0
Case 62	16	2,159,242	2,369,821	2	0	2	1
Case 62	16	2,374,406	2,640,086	1	0	1	0
Case 62	16	2,645,965	3,010,466	2	0	2	1
Case 62	16	3,014,990	3,061,591	1	0	1	0
Case 62	16	3,061,928	3,071,122	2	0	2	1
Case 62	16	3,071,246	3,100,088	1	0	1	0
Case 62	16	3,100,095	3,137,261	2	0	2	1
Case 62	16	3,139,190	3,140,276	1	0	1	0
Case 62	16	3,140,506	3,165,845	2	0	2	1
Case 62	16	3,165,900	3,191,356	1	0	1	0
Case 62	16	3,194,616	3,361,884	2	0	2	1
Case 62	16	3,361,922	3,372,481	1	0	1	0
Case 62	16	3,377,582	3,542,444	2	0	2	1
Case 62	16	3,543,820	3,617,306	1	0	1	0
Case 62	16	3,620,927	3,839,535	2	0	2	1
Case 62	16	3,839,868	4,003,054	1	0	1	0
Case 62	16	4,007,086	4,371,526	2	0	2	1
Case 62	16	4,375,056	4,460,049	1	0	1	0
Case 62	16	4,462,383	4,780,077	2	0	2	1
Case 62	16	4,780,093	4,794,957	1	0	1	0
Case 62	16	4,794,958	4,802,386	2	0	2	1
Case 62	16	4,802,420	4,815,871	1	0	1	0
Case 62	16	4,815,881	4,940,732	2	0	2	1
Case 62	16	4,940,782	4,945,687	1	0	1	0
Case 62	16	4,945,711	5,080,121	2	0	2	1
Case 62	16	5,081,752	5,123,474	1	0	1	0
Case 62	16	5,127,081	6,082,553	2	0	2	1
Case 62	16	6,082,758	6,123,096	1	0	1	0
Case 62	16	6,131,347	6,658,369	2	0	2	1
Case 62	16	6,658,709	6,707,692	1	0	1	0
Case 62	16	6,709,509	6,808,157	2	0	2	1
Case 62	16	6,808,370	6,879,583	1	0	1	0
Case 62	16	6,887,689	6,921,533	2	0	2	1
Case 62	16	6,922,307	6,964,963	1	0	1	0
Case 62	16	6,965,041	7,213,392	2	0	2	1
Case 62	16	7,213,617	7,238,261	1	0	1	0
Case 62	16	7,239,022	10,482,312	2	0	2	1
Case 62	16	10,491,266	10,608,343	1	0	1	0
Case 62	16	10,621,940	13,665,563	2	0	2	1
Case 62	16	13,666,011	13,803,064	1	0	1	0
Case 62	16	13,806,913	14,540,868	2	0	2	1
Case 62	16	14,540,918	14,759,768	1	0	1	0
Case 62	16	14,760,734	18,818,277	2	0	2	1
Case 62	16	18,823,314	18,865,003	1	0	1	0
Case 62	16	18,866,201	20,331,072	2	0	2	1
Case 62	16	20,331,091	20,365,654	1	0	1	0
Case 62	16	20,366,225	24,533,699	2	0	2	1
Case 62	16	24,534,662	24,600,668	1	0	1	0
Case 62	16	24,614,505	28,181,222	2	0	2	1
Case 62	16	28,183,895	28,300,448	1	0	1	0

Case 62	16	28,301,487	28,329,398	2	0	2	1
Case 62	16	28,334,994	28,631,383	1	0	1	0
Case 62	16	28,734,571	28,856,819	2	0	2	1
Case 62	16	28,857,363	28,944,396	1	0	1	0
Case 62	16	28,944,700	28,975,712	2	0	2	1
Case 62	16	28,977,020	28,996,757	1	0	1	0
Case 62	16	28,997,204	29,614,976	2	0	2	1
Case 62	16	29,647,342	29,790,864	1	0	1	0
Case 62	16	29,791,561	29,997,064	2	0	2	1
Case 62	16	29,997,648	30,005,106	1	0	1	0
Case 62	16	30,005,466	30,369,467	2	0	2	1
Case 62	16	30,369,645	30,385,837	1	0	1	0
Case 62	16	30,385,953	30,393,171	2	0	2	1
Case 62	16	30,393,595	30,490,515	1	0	1	0
Case 62	16	30,490,776	30,516,492	2	0	2	1
Case 62	16	30,516,565	30,740,333	1	0	1	0
Case 62	16	30,746,822	30,750,587	2	0	2	1
Case 62	16	30,750,848	31,388,400	1	0	1	0
Case 62	16	31,390,954	31,470,540	2	0	2	1
Case 62	16	31,471,188	31,519,995	1	0	1	0
Case 62	16	31,521,276	31,857,706	2	0	2	1
Case 62	16	31,860,399	34,321,463	1	0	1	0
Case 62	16	34,360,980	34,800,493	2	0	2	1
Case 62	16	34,816,462	35,285,582	1	0	1	0
Case 62	16	46,450,037	46,848,522	1	0	1	0
Case 62	16	46,856,589	47,036,253	2	0	2	1
Case 62	16	47,044,030	47,727,381	1	0	1	0
Case 62	16	47,728,083	48,231,954	2	0	2	1
Case 62	16	48,232,065	48,363,071	1	0	1	0
Case 62	16	48,368,208	49,356,011	2	0	2	1
Case 62	16	49,358,158	49,403,920	1	0	1	0
Case 62	16	49,407,930	49,913,220	2	0	2	1
Case 62	16	49,914,323	50,142,944	1	0	1	0
Case 62	16	50,160,494	50,324,510	2	0	2	1
Case 62	16	50,324,561	50,397,591	1	0	1	0
Case 62	16	50,403,527	51,018,998	2	0	2	1
Case 62	16	51,019,711	51,171,034	1	0	1	0
Case 62	16	51,171,035	51,357,482	2	0	2	1
Case 62	16	51,358,689	51,693,036	1	0	1	0
Case 62	16	51,695,551	51,751,642	2	0	2	1
Case 62	16	51,752,051	51,773,229	1	0	1	0
Case 62	16	51,774,837	51,831,554	2	0	2	1
Case 62	16	51,839,557	51,878,423	1	0	1	0
Case 62	16	51,883,388	53,132,804	2	0	2	1
Case 62	16	53,137,282	53,358,439	1	0	1	0
Case 62	16	53,371,208	53,489,705	2	0	2	1
Case 62	16	53,493,435	53,524,831	1	0	1	0
Case 62	16	53,526,551	53,633,081	2	0	2	1
Case 62	16	53,634,295	53,797,518	1	0	1	0
Case 62	16	53,799,977	53,865,730	2	0	2	1
Case 62	16	53,869,366	54,009,501	1	0	1	0
Case 62	16	54,019,686	54,581,313	2	0	2	1
Case 62	16	54,587,432	54,605,600	1	0	1	0
Case 62	16	54,611,601	55,075,080	2	0	2	1
Case 62	16	55,078,667	55,090,911	1	0	1	0
Case 62	16	55,092,141	55,192,543	2	0	2	1
Case 62	16	55,194,324	55,206,573	1	0	1	0
Case 62	16	55,208,351	55,447,824	2	0	2	1
Case 62	16	55,452,383	55,496,628	1	0	1	0
Case 62	16	55,498,049	55,536,687	2	0	2	1
Case 62	16	55,536,723	55,710,597	1	0	1	0

Case 62	16	55,713,088	56,050,321	2	0	2	1
Case 62	16	56,065,201	56,320,979	1	0	1	0
Case 62	16	56,323,232	56,401,439	2	0	2	1
Case 62	16	56,402,531	56,673,143	1	0	1	0
Case 62	16	56,673,290	56,840,328	2	0	2	1
Case 62	16	56,849,496	56,989,590	1	0	1	0
Case 62	16	56,991,363	57,028,515	2	0	2	1
Case 62	16	57,032,142	57,099,155	1	0	1	0
Case 62	16	57,099,690	57,171,141	2	0	2	1
Case 62	16	57,171,397	57,289,599	1	0	1	0
Case 62	16	57,290,926	57,414,623	2	0	2	1
Case 62	16	57,416,023	57,416,546	1	0	1	0
Case 62	16	57,416,892	57,543,422	2	0	2	1
Case 62	16	57,545,325	57,660,708	1	0	1	0
Case 62	16	57,661,071	57,761,311	2	0	2	1
Case 62	16	57,762,401	57,803,855	1	0	1	0
Case 62	16	57,805,176	57,953,314	2	0	2	1
Case 62	16	57,953,715	57,996,883	1	0	1	0
Case 62	16	57,996,932	58,011,727	2	0	2	1
Case 62	16	58,011,805	58,076,225	1	0	1	0
Case 62	16	58,076,256	58,230,665	2	0	2	1
Case 62	16	58,245,244	58,285,188	1	0	1	0
Case 62	16	58,287,973	58,552,671	2	0	2	1
Case 62	16	58,552,766	58,683,859	1	0	1	0
Case 62	16	58,687,068	59,252,128	2	0	2	1
Case 62	16	59,258,766	59,310,833	1	0	1	0
Case 62	16	59,314,789	59,876,920	2	0	2	1
Case 62	16	59,877,306	60,188,277	1	0	1	0
Case 62	16	60,192,176	60,598,579	2	0	2	1
Case 62	16	60,601,131	61,417,251	1	0	1	0
Case 62	16	61,419,025	61,640,491	2	0	2	1
Case 62	16	61,641,497	61,966,297	1	0	1	0
Case 62	16	61,966,703	62,056,535	2	0	2	1
Case 62	16	62,074,175	62,287,330	1	0	1	0
Case 62	16	62,288,767	62,315,105	2	0	2	1
Case 62	16	62,318,693	62,712,630	1	0	1	0
Case 62	16	62,713,963	62,796,921	2	0	2	1
Case 62	16	62,799,644	62,939,397	1	0	1	0
Case 62	16	62,948,963	63,040,801	2	0	2	1
Case 62	16	63,044,807	63,704,220	1	0	1	0
Case 62	16	63,704,335	63,770,084	2	0	2	1
Case 62	16	63,781,053	63,896,080	1	0	1	0
Case 62	16	63,900,434	64,164,990	2	0	2	1
Case 62	16	64,172,803	64,226,202	1	0	1	0
Case 62	16	64,234,454	64,297,174	2	0	2	1
Case 62	16	64,302,397	64,636,137	1	0	1	0
Case 62	16	64,642,635	64,760,841	2	0	2	1
Case 62	16	64,762,426	64,851,250	1	0	1	0
Case 62	16	64,857,840	64,954,352	2	0	2	1
Case 62	16	64,956,357	65,002,591	1	0	1	0
Case 62	16	65,003,333	65,761,966	2	0	2	1
Case 62	16	65,762,614	65,884,039	1	0	1	0
Case 62	16	65,884,735	65,908,562	2	0	2	1
Case 62	16	65,910,358	65,928,770	1	0	1	0
Case 62	16	65,932,333	66,132,620	2	0	2	1
Case 62	16	66,138,149	66,162,229	1	0	1	0
Case 62	16	66,162,454	66,432,423	2	0	2	1
Case 62	16	66,432,463	66,543,650	1	0	1	0
Case 62	16	66,545,106	66,706,552	2	0	2	1
Case 62	16	66,710,604	66,919,532	1	0	1	0
Case 62	16	66,919,604	66,987,005	2	0	2	1

Case 62	16	66,992,693	66,997,784	1	0	1	0
Case 62	16	66,997,813	67,037,054	2	0	2	1
Case 62	16	67,037,064	67,247,444	1	0	1	0
Case 62	16	67,248,831	67,265,650	2	0	2	1
Case 62	16	67,265,662	67,426,869	1	0	1	0
Case 62	16	67,432,123	67,516,288	2	0	2	1
Case 62	16	67,516,562	67,769,093	1	0	1	0
Case 62	16	67,770,724	67,866,444	2	0	2	1
Case 62	16	67,867,696	67,927,124	1	0	1	0
Case 62	16	67,927,697	67,979,061	2	0	2	1
Case 62	16	67,979,422	68,262,958	1	0	1	0
Case 62	16	68,264,209	68,546,472	2	0	2	1
Case 62	16	68,548,595	68,641,388	1	0	1	0
Case 62	16	68,645,111	68,729,785	2	0	2	1
Case 62	16	68,732,169	69,337,091	1	0	1	0
Case 62	16	69,341,781	69,588,572	2	0	2	1
Case 62	16	69,590,366	69,737,908	1	0	1	0
Case 62	16	69,738,727	69,778,916	2	0	2	1
Case 62	16	69,782,153	70,289,695	1	0	1	0
Case 62	16	70,289,725	70,303,580	2	0	2	1
Case 62	16	70,303,659	70,721,883	1	0	1	0
Case 62	16	70,722,940	71,286,676	2	0	2	1
Case 62	16	71,292,172	71,348,191	1	0	1	0
Case 62	16	71,350,049	71,682,921	2	0	2	1
Case 62	16	71,682,971	71,964,175	1	0	1	0
Case 62	16	71,965,196	73,502,212	2	0	2	1
Case 62	16	73,503,894	73,604,279	1	0	1	0
Case 62	16	73,606,282	73,986,771	2	0	2	1
Case 62	16	73,993,052	74,686,166	1	0	1	0
Case 62	16	74,694,972	74,792,859	2	0	2	1
Case 62	16	74,796,993	75,270,760	1	0	1	0
Case 62	16	75,270,782	75,390,532	2	0	2	1
Case 62	16	75,397,009	75,484,241	1	0	1	0
Case 62	16	75,485,566	75,904,514	2	0	2	1
Case 62	16	75,922,170	75,955,368	1	0	1	0
Case 62	16	75,959,617	76,043,201	2	0	2	1
Case 62	16	76,054,131	76,116,063	1	0	1	0
Case 62	16	76,125,310	76,249,497	2	0	2	1
Case 62	16	76,252,388	76,592,552	1	0	1	0
Case 62	16	76,592,633	76,621,240	2	0	2	1
Case 62	16	76,629,660	76,859,126	1	0	1	0
Case 62	16	76,862,808	76,994,785	2	0	2	1
Case 62	16	76,998,464	77,040,159	1	0	1	0
Case 62	16	77,041,957	77,325,303	2	0	2	1
Case 62	16	77,325,325	77,443,168	1	0	1	0
Case 62	16	77,443,453	77,533,772	2	0	2	1
Case 62	16	77,535,643	77,692,030	1	0	1	0
Case 62	16	77,694,091	77,759,136	2	0	2	1
Case 62	16	77,759,357	77,766,640	1	0	1	0
Case 62	16	77,767,491	77,769,881	2	0	2	1
Case 62	16	77,775,459	77,783,508	1	0	1	0
Case 62	16	77,783,580	78,055,941	2	0	2	1
Case 62	16	78,056,542	78,201,753	1	0	1	0
Case 62	16	78,204,334	78,371,002	2	0	2	1
Case 62	16	78,386,295	78,405,271	1	0	1	0
Case 62	16	78,409,180	78,497,817	2	0	2	1
Case 62	16	78,499,470	78,548,574	1	0	1	0
Case 62	16	78,549,995	78,569,070	2	0	2	1
Case 62	16	78,569,957	78,661,327	1	0	1	0
Case 62	16	78,663,258	79,053,995	2	0	2	1
Case 62	16	79,054,020	79,072,952	1	0	1	0

Case 62	16	79,074,029	79,245,589	2	0	2	1
Case 62	16	79,245,590	79,263,935	1	0	1	0
Case 62	16	79,267,429	79,813,230	2	0	2	1
Case 62	16	79,813,439	79,942,562	1	0	1	0
Case 62	16	79,943,084	80,177,656	2	0	2	1
Case 62	16	80,183,937	80,289,745	1	0	1	0
Case 62	16	80,291,731	80,551,598	2	0	2	1
Case 62	16	80,554,948	80,611,798	1	0	1	0
Case 62	16	80,612,059	80,788,323	2	0	2	1
Case 62	16	80,791,319	80,891,387	1	0	1	0
Case 62	16	80,891,599	80,955,393	2	0	2	1
Case 62	16	80,961,660	81,079,681	1	0	1	0
Case 62	16	81,087,488	82,146,629	2	0	2	1
Case 62	16	82,147,609	82,197,733	1	0	1	0
Case 62	16	82,200,103	82,850,467	2	0	2	1
Case 62	16	82,852,296	82,988,025	1	0	1	0
Case 62	16	82,988,950	83,102,072	2	0	2	1
Case 62	16	83,102,477	83,181,532	1	0	1	0
Case 62	16	83,183,195	83,287,432	2	0	2	1
Case 62	16	83,287,580	83,301,203	1	0	1	0
Case 62	16	83,303,147	83,324,765	2	0	2	1
Case 62	16	83,326,059	83,394,808	1	0	1	0
Case 62	16	83,397,287	83,508,437	2	0	2	1
Case 62	16	83,508,693	83,616,592	1	0	1	0
Case 62	16	83,617,594	83,981,250	2	0	2	1
Case 62	16	83,983,071	84,029,556	1	0	1	0
Case 62	16	84,030,289	84,093,697	2	0	2	1
Case 62	16	84,094,363	84,104,344	1	0	1	0
Case 62	16	84,105,706	84,212,735	2	0	2	1
Case 62	16	84,212,801	84,240,607	1	0	1	0
Case 62	16	84,242,793	84,410,569	2	0	2	1
Case 62	16	84,412,028	84,514,305	1	0	1	0
Case 62	16	84,514,341	84,903,209	2	0	2	1
Case 62	16	84,903,728	84,914,177	1	0	1	0
Case 62	16	84,914,186	85,120,296	2	0	2	1
Case 62	16	85,120,500	85,179,401	1	0	1	0
Case 62	16	85,179,660	85,689,484	2	0	2	1
Case 62	16	85,689,510	85,696,689	1	0	1	0
Case 62	16	85,697,019	85,881,453	2	0	2	1
Case 62	16	85,882,981	85,931,504	1	0	1	0
Case 62	16	85,932,988	86,276,730	2	0	2	1
Case 62	16	86,276,817	86,306,243	1	0	1	0
Case 62	16	86,308,375	86,525,478	2	0	2	1
Case 62	16	86,525,690	86,613,171	1	0	1	0
Case 62	16	86,616,638	87,409,288	2	0	2	1
Case 62	16	87,415,250	87,445,125	1	0	1	0
Case 62	16	87,445,270	87,611,967	2	0	2	1
Case 62	16	87,626,215	87,678,248	1	0	1	0
Case 62	16	87,678,302	87,736,778	2	0	2	1
Case 62	16	87,738,858	87,756,803	1	0	1	0
Case 62	16	87,756,858	87,862,028	2	0	2	1
Case 62	16	87,862,260	87,866,399	1	0	1	0
Case 62	16	87,866,620	88,494,976	2	0	2	1
Case 62	16	88,495,487	88,604,957	1	0	1	0
Case 62	16	88,606,165	88,688,435	2	0	2	1
Case 62	16	88,688,832	88,763,561	1	0	1	0
Case 62	16	88,766,031	88,778,742	2	0	2	1
Case 62	16	88,778,762	88,844,433	1	0	1	0
Case 62	16	88,846,818	88,870,967	2	0	2	1
Case 62	16	88,871,016	89,169,312	1	0	1	0
Case 62	16	89,178,531	89,221,795	2	0	2	1

Case 62	16	89,234,948	89,385,561	1	0	1	0
Case 62	16	89,386,808	89,612,398	2	0	2	1
Case 62	16	89,613,037	89,708,096	1	0	1	0
Case 62	16	89,708,224	89,737,329	2	0	2	1
Case 62	16	89,737,463	89,815,152	1	0	1	0
Case 62	16	89,818,491	89,865,610	2	0	2	1
Case 62	16	89,866,043	90,106,910	1	0	1	0
Case 62	16	90,108,832	90,115,731	2	0	2	1
Case 62	16	90,121,131	90,274,695	1	0	1	0
Case 62	17	11,885	1,281,864	1	0	1	0
Case 62	17	1,282,979	2,202,749	2	0	2	1
Case 62	17	2,202,836	2,641,288	1	0	1	0
Case 62	17	2,646,348	2,701,998	2	0	2	1
Case 62	17	2,702,161	2,754,856	1	0	1	0
Case 62	17	2,758,657	2,918,626	2	0	2	1
Case 62	17	2,920,124	3,436,058	1	0	1	0
Case 62	17	3,436,060	3,505,233	2	0	2	1
Case 62	17	3,506,043	3,793,303	1	0	1	0
Case 62	17	3,793,447	3,840,727	2	0	2	1
Case 62	17	3,840,797	4,069,735	1	0	1	0
Case 62	17	4,072,571	4,083,242	2	0	2	1
Case 62	17	4,085,567	4,500,190	1	0	1	0
Case 62	17	4,500,503	4,512,515	2	0	2	1
Case 62	17	4,514,780	4,694,337	1	0	1	0
Case 62	17	4,699,552	4,924,141	2	0	2	1
Case 62	17	4,925,481	5,110,426	1	0	1	0
Case 62	17	5,113,423	5,126,689	2	0	2	1
Case 62	17	5,136,476	5,322,955	1	0	1	0
Case 62	17	5,323,228	5,354,077	2	0	2	1
Case 62	17	5,354,204	5,559,733	1	0	1	0
Case 62	17	5,566,089	5,602,894	2	0	2	1
Case 62	17	5,607,859	5,759,090	1	0	1	0
Case 62	17	5,762,634	5,836,860	2	0	2	1
Case 62	17	5,838,802	6,355,677	1	0	1	0
Case 62	17	6,361,788	6,380,520	2	0	2	1
Case 62	17	6,381,357	6,459,079	1	0	1	0
Case 62	17	6,463,075	6,493,207	2	0	2	1
Case 62	17	6,493,209	6,555,534	1	0	1	0
Case 62	17	6,556,326	6,590,098	2	0	2	1
Case 62	17	6,591,067	7,662,434	1	0	1	0
Case 62	17	7,662,437	7,673,930	2	0	2	1
Case 62	17	7,674,139	7,984,203	1	0	1	0
Case 62	17	7,984,478	7,994,694	2	0	2	1
Case 62	17	7,996,640	8,007,650	1	0	1	0
Case 62	17	8,010,164	8,021,608	2	0	2	1
Case 62	17	8,022,065	8,700,986	1	0	1	0
Case 62	17	8,701,094	8,702,099	2	0	2	1
Case 62	17	8,702,137	9,058,214	1	0	1	0
Case 62	17	9,060,026	9,100,040	2	0	2	1
Case 62	17	9,109,972	9,792,937	1	0	1	0
Case 62	17	9,801,417	9,820,739	2	0	2	1
Case 62	17	9,821,376	9,932,525	1	0	1	0
Case 62	17	9,932,724	10,031,090	2	0	2	1
Case 62	17	10,036,796	10,215,944	1	0	1	0
Case 62	17	10,215,956	10,251,811	2	0	2	1
Case 62	17	10,253,908	10,625,803	1	0	1	0
Case 62	17	10,628,364	10,791,443	2	0	2	1
Case 62	17	10,794,640	11,119,194	1	0	1	0
Case 62	17	11,121,723	11,184,066	2	0	2	1
Case 62	17	11,185,157	11,593,434	1	0	1	0
Case 62	17	11,593,505	11,608,475	0	0	0	0



Case 62	17	11,620,993	11,833,226	1	0	1	0
Case 62	17	11,833,287	11,865,462	2	0	2	1
Case 62	17	11,866,891	12,547,725	1	0	1	0
Case 62	17	12,549,476	12,639,294	2	0	2	1
Case 62	17	12,639,505	12,814,654	1	0	1	0
Case 62	17	12,816,330	12,887,379	2	0	2	1
Case 62	17	12,888,157	13,234,204	1	0	1	0
Case 62	17	13,237,647	13,262,287	2	0	2	1
Case 62	17	13,265,561	13,887,484	1	0	1	0
Case 62	17	13,888,821	13,949,962	2	0	2	1
Case 62	17	13,954,351	15,361,941	1	0	1	0
Case 62	17	15,366,712	15,407,763	2	0	2	1
Case 62	17	15,412,038	16,866,254	1	0	1	0
Case 62	17	16,877,083	17,122,418	2	0	2	1
Case 62	17	17,122,436	18,181,601	1	0	1	0
Case 62	17	18,181,667	18,194,242	2	0	2	1
Case 62	17	18,194,248	18,220,101	1	0	1	0
Case 62	17	18,220,133	18,231,998	2	0	2	1
Case 62	17	18,232,518	20,865,108	1	0	1	0
Case 62	17	20,866,865	20,911,910	2	0	2	1
Case 62	17	20,914,156	21,284,223	1	0	1	0
Case 62	17	21,285,926	21,319,909	2	0	2	1
Case 62	17	21,319,912	22,242,355	1	0	1	0
Case 62	17	25,268,142	34,436,708	1	1	2	0
Case 62	17	34,443,811	34,597,521	2	1	3	0
Case 62	17	34,815,551	41,645,244	1	1	2	0
Case 62	17	41,652,878	41,760,392	2	1	3	0
Case 62	17	41,764,995	43,935,838	1	1	2	0
Case 62	17	43,938,470	45,542,735	1	0	1	0
Case 62	17	45,633,376	79,983,359	1	1	2	0
Case 62	17	79,983,365	80,040,534	2	1	3	0
Case 62	17	80,040,820	80,159,457	1	1	2	0
Case 62	17	80,159,796	80,402,326	2	1	3	0
Case 62	17	80,402,350	81,060,040	1	1	2	0
Case 62	18	87,505	15,375,878	1	1	2	0
Case 62	18	18,520,354	20,602,153	1	1	2	0
Case 62	18	20,606,122	20,709,123	2	1	3	0
Case 62	18	20,716,414	78,015,180	1	1	2	0
Case 62	19	260,912	3,730,617	1	0	1	0
Case 62	19	3,731,847	3,735,918	2	0	2	1
Case 62	19	3,736,189	4,944,771	1	0	1	0
Case 62	19	4,945,974	5,037,415	2	0	2	1
Case 62	19	5,039,135	5,925,687	1	0	1	0
Case 62	19	5,925,689	9,741,216	1	1	2	0
Case 62	19	9,764,192	10,124,190	1	0	1	0
Case 62	19	10,124,253	10,172,516	2	0	2	1
Case 62	19	10,176,663	10,206,662	1	0	1	0
Case 62	19	10,213,154	12,733,864	1	1	2	0
Case 62	19	12,738,543	13,049,948	1	0	1	0
Case 62	19	13,050,026	13,059,006	1	1	2	0
Case 62	19	13,059,147	15,365,067	2	1	3	0
Case 62	19	15,366,205	15,492,848	1	1	2	0
Case 62	19	15,501,297	17,179,789	2	1	3	0
Case 62	19	17,180,812	18,054,468	1	0	1	0
Case 62	19	18,054,851	18,095,769	2	0	2	1
Case 62	19	18,101,830	18,123,617	1	0	1	0
Case 62	19	18,123,738	18,167,003	2	0	2	1
Case 62	19	18,168,674	19,824,850	1	0	1	0
Case 62	19	19,842,053	19,862,553	2	0	2	1
Case 62	19	19,863,014	22,503,203	1	0	1	0
Case 62	19	22,512,477	22,537,862	2	0	2	1

Case 62	19	22,538,650	24,629,285	1	0	1	0
Case 62	19	27,732,159	27,801,814	1	0	1	0
Case 62	19	27,828,664	28,101,122	2	1	3	0
Case 62	19	28,127,201	41,341,589	1	1	2	0
Case 62	19	41,350,895	41,379,148	1	0	1	0
Case 62	19	41,382,476	46,307,979	1	1	2	0
Case 62	19	46,308,217	46,332,420	2	1	3	0
Case 62	19	46,333,349	59,097,160	1	1	2	0
Case 62	20	63,244	2,035,775	2	1	3	0
Case 62	20	2,037,867	2,201,257	2	0	2	1
Case 62	20	2,204,811	15,237,052	2	1	3	0
Case 62	20	15,241,763	15,292,533	2	0	2	1
Case 62	20	15,295,797	15,321,706	2	1	3	0
Case 62	20	15,325,461	15,424,659	3	1	4	0
Case 62	20	15,428,111	15,514,898	2	1	3	0
Case 62	20	15,520,791	15,914,464	1	1	2	0
Case 62	20	15,916,192	23,016,706	2	1	3	0
Case 62	20	23,016,757	23,034,274	1	1	2	0
Case 62	20	23,034,556	26,293,985	2	1	3	0
Case 62	20	29,425,357	31,659,917	2	1	3	0
Case 62	20	31,660,543	31,673,846	1	1	2	0
Case 62	20	31,673,875	34,268,711	2	1	3	0
Case 62	20	34,269,225	34,467,215	3	1	4	0
Case 62	20	34,482,534	48,925,139	2	1	3	0
Case 62	20	48,928,971	48,962,438	3	1	4	0
Case 62	20	48,969,024	60,699,715	2	1	3	0
Case 62	20	60,704,910	60,808,666	1	1	2	0
Case 62	20	60,809,812	60,866,789	2	1	3	0
Case 62	20	60,866,804	60,897,465	1	1	2	0
Case 62	20	60,897,721	61,818,750	2	1	3	0
Case 62	20	61,821,068	61,895,920	1	1	2	0
Case 62	20	61,900,305	62,196,807	2	1	3	0
Case 62	20	62,196,819	62,372,798	1	1	2	0
Case 62	20	62,372,813	62,577,613	2	1	3	0
Case 62	20	62,577,807	62,658,384	1	1	2	0
Case 62	20	62,662,515	62,884,613	2	1	3	0
Case 62	20	62,886,216	62,948,788	1	1	2	0
Case 62	21	10,827,533	10,971,337	1	1	2	0
Case 62	21	14,368,320	14,779,379	1	1	2	0
Case 62	21	14,795,475	22,726,557	1	0	1	0
Case 62	21	22,727,138	22,762,779	2	0	2	1
Case 62	21	22,763,676	29,486,008	1	0	1	0
Case 62	21	29,495,146	30,088,081	0	0	0	0
Case 62	21	30,095,754	31,720,887	1	0	1	0
Case 62	21	31,720,905	31,802,759	1	1	2	0
Case 62	21	31,802,768	31,858,866	2	1	3	0
Case 62	21	31,859,574	32,389,498	1	1	2	0
Case 62	21	32,390,078	32,462,981	2	1	3	0
Case 62	21	32,471,849	32,999,423	1	1	2	0
Case 62	21	32,999,554	33,372,446	2	1	3	0
Case 62	21	33,372,749	34,020,653	3	1	4	0
Case 62	21	34,020,786	34,125,319	2	1	3	0
Case 62	21	34,137,026	34,325,436	1	1	2	0
Case 62	21	34,327,012	34,435,619	2	1	3	0
Case 62	21	34,435,878	34,828,044	1	1	2	0
Case 62	21	34,828,050	35,366,219	2	1	3	0
Case 62	21	35,369,681	35,397,502	3	1	4	0
Case 62	21	35,401,734	35,595,821	2	1	3	0
Case 62	21	35,598,406	35,712,696	1	1	2	0
Case 62	21	35,715,717	35,897,768	2	1	3	0
Case 62	21	35,899,876	36,030,215	3	1	4	0

Case 62	21	36,039,584	36,057,929	2	1	3	0
Case 62	21	36,059,609	36,413,739	1	0	1	0
Case 62	21	36,415,087	36,543,928	2	0	2	1
Case 62	21	36,547,998	36,664,377	1	0	1	0
Case 62	21	36,666,340	36,700,822	2	0	2	1
Case 62	21	36,702,489	37,018,857	1	0	1	0
Case 62	21	37,031,398	37,073,437	2	0	2	1
Case 62	21	37,075,862	37,313,095	1	0	1	0
Case 62	21	37,321,101	37,375,643	2	0	2	1
Case 62	21	37,381,848	37,837,930	1	0	1	0
Case 62	21	37,839,410	37,881,829	2	0	2	1
Case 62	21	37,882,963	37,940,863	1	0	1	0
Case 62	21	37,941,317	38,015,220	2	0	2	1
Case 62	21	38,017,529	38,308,911	1	0	1	0
Case 62	21	38,309,028	38,429,389	2	0	2	1
Case 62	21	38,432,621	38,889,975	1	0	1	0
Case 62	21	38,894,401	38,934,599	2	0	2	1
Case 62	21	38,936,128	39,060,893	1	0	1	0
Case 62	21	39,065,630	39,220,245	2	0	2	1
Case 62	21	39,223,338	39,492,405	1	0	1	0
Case 62	21	39,492,443	39,574,665	2	0	2	1
Case 62	21	39,576,807	39,891,105	1	0	1	0
Case 62	21	39,891,572	39,904,064	2	0	2	1
Case 62	21	39,906,065	40,453,036	1	0	1	0
Case 62	21	40,455,048	40,499,244	2	0	2	1
Case 62	21	40,499,467	40,941,498	1	0	1	0
Case 62	21	40,942,788	40,977,826	2	0	2	1
Case 62	21	40,980,238	41,008,956	1	0	1	0
Case 62	21	41,010,801	41,102,931	2	0	2	1
Case 62	21	41,104,348	41,295,166	1	0	1	0
Case 62	21	41,295,673	41,334,028	2	0	2	1
Case 62	21	41,334,960	41,416,163	1	0	1	0
Case 62	21	41,417,215	41,457,598	2	0	2	1
Case 62	21	41,457,618	41,599,867	1	0	1	0
Case 62	21	41,601,422	41,622,294	2	0	2	1
Case 62	21	41,628,089	41,845,401	1	0	1	0
Case 62	21	41,847,881	41,937,830	2	0	2	1
Case 62	21	41,940,803	42,086,175	1	0	1	0
Case 62	21	42,089,378	42,183,983	2	0	2	1
Case 62	21	42,185,860	43,092,201	1	0	1	0
Case 62	21	43,093,894	43,105,136	2	0	2	1
Case 62	21	43,107,623	43,312,993	1	0	1	0
Case 62	21	43,314,414	43,319,984	2	0	2	1
Case 62	21	43,321,283	43,437,886	1	0	1	0
Case 62	21	43,438,674	43,449,936	2	0	2	1
Case 62	21	43,451,246	43,556,335	1	0	1	0
Case 62	21	43,556,691	43,615,559	2	0	2	1
Case 62	21	43,616,325	44,025,886	1	0	1	0
Case 62	21	44,026,143	44,072,445	2	0	2	1
Case 62	21	44,077,237	45,115,488	1	0	1	0
Case 62	21	45,116,042	45,175,958	2	0	2	1
Case 62	21	45,176,621	45,214,581	1	0	1	0
Case 62	21	45,215,046	45,357,301	2	0	2	1
Case 62	21	45,357,730	46,178,687	1	0	1	0
Case 62	21	46,181,009	46,191,174	2	0	2	1
Case 62	21	46,191,256	46,684,904	1	0	1	0
Case 62	21	46,685,470	46,839,625	2	0	2	1
Case 62	21	46,839,904	47,298,515	1	0	1	0
Case 62	21	47,300,385	47,362,224	2	0	2	1
Case 62	21	47,362,573	48,100,155	1	0	1	0
Case 62	22	16,114,244	17,619,023	1	0	1	0

Case 62	22	17,619,076	17,661,178	2	0	2	1
Case 62	22	17,661,791	17,690,318	1	0	1	0
Case 62	22	17,690,374	17,785,199	2	0	2	1
Case 62	22	17,789,010	17,897,544	1	0	1	0
Case 62	22	17,899,136	17,961,525	2	0	2	1
Case 62	22	17,965,531	18,022,052	1	0	1	0
Case 62	22	18,022,060	18,031,817	2	0	2	1
Case 62	22	18,033,199	18,533,434	1	0	1	0
Case 62	22	18,539,370	18,549,641	2	0	2	1
Case 62	22	18,551,780	19,999,760	1	0	1	0
Case 62	22	20,004,704	20,037,315	2	0	2	1
Case 62	22	20,039,867	21,800,277	1	0	1	0
Case 62	22	21,800,578	21,973,319	2	0	2	1
Case 62	22	21,976,934	22,806,795	1	0	1	0
Case 62	22	22,840,280	23,258,369	2	0	2	1
Case 62	22	23,259,859	24,107,054	1	0	1	0
Case 62	22	24,108,977	24,175,759	2	0	2	1
Case 62	22	24,176,053	24,237,074	1	0	1	0
Case 62	22	24,240,340	24,257,337	2	0	2	1
Case 62	22	24,260,743	24,992,266	1	0	1	0
Case 62	22	24,996,630	25,112,325	2	0	2	1
Case 62	22	25,113,562	25,215,305	1	0	1	0
Case 62	22	25,217,740	25,231,422	2	0	2	1
Case 62	22	25,231,570	25,294,369	1	0	1	0
Case 62	22	25,294,399	25,439,882	2	0	2	1
Case 62	22	25,440,392	25,904,257	1	0	1	0
Case 62	22	25,905,668	25,925,760	2	0	2	1
Case 62	22	25,928,620	26,623,274	1	0	1	0
Case 62	22	26,628,105	26,640,849	2	0	2	1
Case 62	22	26,641,081	26,966,602	1	0	1	0
Case 62	22	26,968,506	27,046,685	2	0	2	1
Case 62	22	27,047,254	27,195,033	1	0	1	0
Case 62	22	27,198,719	27,245,963	2	0	2	1
Case 62	22	27,249,884	27,287,323	1	0	1	0
Case 62	22	27,290,892	27,331,206	2	0	2	1
Case 62	22	27,331,661	27,475,512	1	0	1	0
Case 62	22	27,475,606	27,497,704	2	0	2	1
Case 62	22	27,502,567	27,653,397	1	0	1	0
Case 62	22	27,655,945	27,708,852	2	0	2	1
Case 62	22	27,710,703	27,819,250	1	0	1	0
Case 62	22	27,819,961	27,882,282	2	0	2	1
Case 62	22	27,886,736	28,032,457	1	0	1	0
Case 62	22	28,033,628	28,188,203	2	0	2	1
Case 62	22	28,192,982	31,011,330	1	0	1	0
Case 62	22	31,011,350	31,017,322	2	0	2	1
Case 62	22	31,018,975	32,547,484	1	0	1	0
Case 62	22	32,554,860	32,600,915	2	0	2	1
Case 62	22	32,602,718	33,044,995	1	0	1	0
Case 62	22	33,046,628	33,131,486	2	0	2	1
Case 62	22	33,132,579	33,188,545	1	0	1	0
Case 62	22	33,191,373	33,228,070	2	0	2	1
Case 62	22	33,229,830	33,272,699	1	0	1	0
Case 62	22	33,274,336	33,426,247	2	0	2	1
Case 62	22	33,429,320	33,864,817	1	0	1	0
Case 62	22	33,866,854	34,008,430	2	0	2	1
Case 62	22	34,009,001	34,098,417	1	0	1	0
Case 62	22	34,102,803	34,225,482	2	0	2	1
Case 62	22	34,226,592	34,236,578	1	0	1	0
Case 62	22	34,238,131	34,275,560	2	0	2	1
Case 62	22	34,276,698	35,534,130	1	0	1	0
Case 62	22	35,537,036	35,568,399	2	0	2	1

Case 62	22	35,569,422	35,907,880	1	0	1	0
Case 62	22	35,913,976	36,003,053	2	0	2	1
Case 62	22	36,003,390	36,519,040	1	0	1	0
Case 62	22	36,524,873	36,537,327	2	0	2	1
Case 62	22	36,537,432	36,727,551	1	0	1	0
Case 62	22	36,730,947	36,804,282	2	0	2	1
Case 62	22	36,818,662	36,900,186	1	0	1	0
Case 62	22	36,900,230	37,136,986	2	0	2	1
Case 62	22	37,140,797	38,991,393	1	0	1	0
Case 62	22	38,993,302	39,069,510	2	0	2	1
Case 62	22	39,076,587	39,176,987	1	0	1	0
Case 62	22	39,178,693	39,220,908	2	0	2	1
Case 62	22	39,222,512	39,320,828	1	0	1	0
Case 62	22	39,322,264	39,355,109	2	0	2	1
Case 62	22	39,355,572	39,496,417	1	0	1	0
Case 62	22	39,497,287	39,520,815	2	0	2	1
Case 62	22	39,522,940	41,759,326	1	0	1	0
Case 62	22	41,760,512	41,791,536	2	0	2	1
Case 62	22	41,792,282	44,512,124	1	0	1	0
Case 62	22	44,513,473	44,555,444	2	0	2	1
Case 62	22	44,557,063	44,779,303	1	0	1	0
Case 62	22	44,780,466	44,798,646	2	0	2	1
Case 62	22	44,804,192	45,190,750	1	0	1	0
Case 62	22	45,191,504	45,231,883	2	0	2	1
Case 62	22	45,235,303	45,258,467	1	0	1	0
Case 62	22	45,258,539	45,454,275	2	0	2	1
Case 62	22	45,454,839	45,633,373	1	0	1	0
Case 62	22	45,634,738	45,746,097	2	0	2	1
Case 62	22	45,749,862	47,998,771	1	0	1	0
Case 62	22	48,005,830	48,027,389	2	0	2	1
Case 62	22	48,027,448	48,431,959	1	0	1	0
Case 62	22	48,434,062	48,453,666	0	0	0	0
Case 62	22	48,454,426	48,730,913	1	0	1	0
Case 62	22	48,739,642	48,766,050	2	0	2	1
Case 62	22	48,766,791	49,746,915	1	0	1	0
Case 62	22	49,749,712	49,776,121	2	0	2	1
Case 62	22	49,777,195	49,849,024	1	0	1	0
Case 62	22	49,851,212	49,911,908	2	0	2	1
Case 62	22	49,912,406	51,195,728	1	0	1	0
Case 63	1	82,154	1,213,305	2	1	3	0
Case 63	1	1,216,848	1,268,352	1	1	2	0
Case 63	1	1,268,362	7,237,086	2	1	3	0
Case 63	1	7,240,456	8,516,238	3	1	4	0
Case 63	1	8,522,553	10,924,710	2	1	3	0
Case 63	1	10,929,928	12,277,967	3	1	4	0
Case 63	1	12,278,932	20,142,434	2	1	3	0
Case 63	1	20,142,681	20,296,319	3	1	4	0
Case 63	1	20,300,544	25,881,403	2	1	3	0
Case 63	1	25,883,750	26,403,098	3	1	4	0
Case 63	1	26,411,918	40,286,005	2	1	3	0
Case 63	1	40,288,051	40,628,364	2	2	4	0
Case 63	1	40,628,822	45,671,736	2	1	3	0
Case 63	1	45,671,808	45,896,779	3	1	4	0
Case 63	1	45,903,488	46,073,362	2	2	4	0
Case 63	1	46,073,451	46,487,710	2	1	3	0
Case 63	1	46,488,914	47,533,321	3	1	4	0
Case 63	1	47,548,974	85,625,855	2	1	3	0
Case 63	1	85,634,847	85,947,200	2	2	4	0
Case 63	1	85,951,597	87,877,540	2	1	3	0
Case 63	1	87,877,672	88,494,859	3	1	4	0
Case 63	1	88,504,370	94,514,466	2	1	3	0

Case 63	1	94,514,475	95,116,072	3	1	4	0
Case 63	1	95,116,807	113,040,277	2	1	3	0
Case 63	1	113,040,421	113,597,564	3	1	4	0
Case 63	1	113,601,445	121,346,616	2	1	3	0
Case 63	1	142,649,718	143,767,629	2	1	3	0
Case 63	1	143,978,807	145,702,497	2	2	4	0
Case 63	1	145,703,115	147,354,030	3	2	5	0
Case 63	1	147,355,294	150,664,077	2	2	4	0
Case 63	1	150,667,169	150,856,153	3	2	5	0
Case 63	1	150,857,555	151,694,626	2	2	4	0
Case 63	1	151,696,875	152,058,767	3	2	5	0
Case 63	1	152,059,046	152,128,790	3	1	4	0
Case 63	1	152,128,886	152,191,007	4	1	5	0
Case 63	1	152,191,022	152,281,745	3	1	4	0
Case 63	1	152,281,796	153,346,263	2	2	4	0
Case 63	1	153,347,062	153,650,443	3	2	5	0
Case 63	1	153,652,129	159,535,626	2	2	4	0
Case 63	1	159,537,141	159,710,517	3	2	5	0
Case 63	1	159,713,556	159,932,319	2	2	4	0
Case 63	1	159,933,136	160,129,557	3	2	5	0
Case 63	1	160,131,429	180,251,983	2	2	4	0
Case 63	1	180,254,865	181,225,293	3	2	5	0
Case 63	1	181,227,661	184,868,383	2	2	4	0
Case 63	1	184,878,307	185,849,364	3	2	5	0
Case 63	1	185,855,289	187,093,377	2	2	4	0
Case 63	1	187,095,959	187,362,820	3	2	5	0
Case 63	1	187,363,393	192,129,537	2	2	4	0
Case 63	1	192,136,366	192,548,439	3	2	5	0
Case 63	1	192,548,543	192,796,532	3	1	4	0
Case 63	1	192,800,241	193,227,537	2	2	4	0
Case 63	1	193,236,656	193,710,196	3	2	5	0
Case 63	1	193,711,172	199,801,373	2	2	4	0
Case 63	1	199,804,080	200,182,664	3	2	5	0
Case 63	1	200,182,788	200,974,729	2	2	4	0
Case 63	1	200,974,888	200,974,888	2	1	3	0
Case 63	1	200,977,949	203,055,101	3	1	4	0
Case 63	1	203,058,842	216,649,667	2	1	3	0
Case 63	1	216,650,304	216,707,012	1	1	2	0
Case 63	1	216,707,519	246,251,363	2	1	3	0
Case 63	1	246,261,526	246,441,421	1	1	2	0
Case 63	1	246,443,337	249,218,992	2	1	3	0
Case 63	2	18,674	573,207	2	1	3	0
Case 63	2	578,204	672,863	4	1	5	0
Case 63	2	674,297	26,613,329	2	1	3	0
Case 63	2	26,618,389	27,361,246	3	1	4	0
Case 63	2	27,362,371	27,393,030	4	1	5	0
Case 63	2	27,418,974	28,205,581	2	1	3	0
Case 63	2	28,224,116	29,213,408	4	1	5	0
Case 63	2	29,213,689	29,325,271	4	0	4	1
Case 63	2	29,335,758	29,447,108	2	1	3	0
Case 63	2	29,448,419	29,619,971	4	1	5	0
Case 63	2	29,624,193	38,282,332	2	1	3	0
Case 63	2	38,290,916	38,687,498	2	2	4	0
Case 63	2	38,692,619	42,690,878	2	1	3	0
Case 63	2	42,690,881	43,751,480	2	2	4	0
Case 63	2	43,752,382	44,291,333	2	1	3	0
Case 63	2	44,304,047	44,428,390	2	0	2	1
Case 63	2	44,428,808	50,176,965	2	1	3	0
Case 63	2	50,179,975	50,318,462	4	1	5	0
Case 63	2	50,318,584	92,081,640	2	1	3	0
Case 63	2	95,429,424	105,820,133	2	1	3	0

Case 63	2	105,832,193	105,977,776	3	1	4	0
Case 63	2	105,979,506	106,610,454	4	1	5	0
Case 63	2	106,612,731	122,288,029	2	1	3	0
Case 63	2	122,316,046	122,966,970	3	1	4	0
Case 63	2	122,970,146	159,700,075	2	1	3	0
Case 63	2	159,723,506	159,809,860	4	1	5	0
Case 63	2	159,810,691	160,175,310	2	1	3	0
Case 63	2	160,181,398	163,723,667	3	1	4	0
Case 63	2	163,738,632	163,739,189	1	1	2	0
Case 63	2	163,751,698	170,356,065	3	1	4	0
Case 63	2	170,359,113	170,368,695	2	2	4	0
Case 63	2	170,371,159	170,537,675	3	2	5	0
Case 63	2	170,549,452	173,245,780	3	1	4	0
Case 63	2	173,249,050	173,585,237	4	1	5	0
Case 63	2	173,589,876	195,651,706	3	1	4	0
Case 63	2	195,663,691	195,691,309	1	1	2	0
Case 63	2	195,698,234	195,993,600	1	0	1	0
Case 63	2	196,002,614	196,002,614	1	1	2	0
Case 63	2	196,008,240	214,117,303	3	1	4	0
Case 63	2	214,117,958	214,174,786	1	1	2	0
Case 63	2	214,204,924	234,229,395	3	1	4	0
Case 63	2	234,229,468	234,573,896	5	0	5	1
Case 63	2	234,578,693	242,509,638	3	1	4	0
Case 63	2	242,509,687	242,795,942	3	0	3	1
Case 63	2	242,809,415	243,048,760	3	1	4	0
Case 63	3	61,495	4,477,911	1	1	2	0
Case 63	3	4,486,303	4,699,950	1	0	1	0
Case 63	3	4,704,816	4,785,230	1	1	2	0
Case 63	3	4,786,040	14,042,534	2	1	3	0
Case 63	3	14,048,394	31,708,743	1	1	2	0
Case 63	3	31,712,393	31,743,907	2	1	3	0
Case 63	3	31,744,041	32,691,140	1	1	2	0
Case 63	3	32,699,422	33,166,039	2	1	3	0
Case 63	3	33,167,853	42,180,651	1	1	2	0
Case 63	3	42,184,173	43,074,492	2	1	3	0
Case 63	3	43,080,370	47,316,842	1	1	2	0
Case 63	3	47,316,887	47,672,915	2	1	3	0
Case 63	3	47,701,611	51,943,333	1	1	2	0
Case 63	3	51,962,081	52,557,693	2	1	3	0
Case 63	3	52,557,705	60,461,994	1	1	2	0
Case 63	3	60,464,275	60,557,852	1	0	1	0
Case 63	3	60,559,047	60,788,842	1	1	2	0
Case 63	3	60,792,282	61,453,255	1	0	1	0
Case 63	3	61,454,724	73,399,384	1	1	2	0
Case 63	3	73,400,018	73,461,683	2	1	3	0
Case 63	3	73,462,623	90,442,925	1	1	2	0
Case 63	3	93,537,290	155,725,030	3	1	4	0
Case 63	3	155,726,800	155,907,740	4	1	5	0
Case 63	3	155,929,451	182,616,549	3	1	4	0
Case 63	3	182,618,124	182,736,304	2	2	4	0
Case 63	3	182,737,953	183,204,923	3	2	5	0
Case 63	3	183,204,997	183,562,662	3	1	4	0
Case 63	3	183,566,942	184,129,172	2	2	4	0
Case 63	3	184,131,031	184,155,408	3	2	5	0
Case 63	3	184,157,645	187,446,313	3	1	4	0
Case 63	3	187,446,845	187,456,755	2	2	4	0
Case 63	3	187,459,088	187,800,184	3	2	5	0
Case 63	3	187,802,669	194,603,569	3	1	4	0
Case 63	3	194,612,501	194,957,947	5	0	5	1
Case 63	3	194,975,720	195,609,162	3	1	4	0
Case 63	3	195,609,808	195,968,819	2	2	4	0

Case 63	3	195,973,244	196,005,444	3	2	5	0
Case 63	3	196,007,493	197,838,262	3	1	4	0
Case 63	4	71,566	37,486,417	1	1	2	0
Case 63	4	37,492,758	37,849,004	2	1	3	0
Case 63	4	37,850,188	49,620,898	1	1	2	0
Case 63	4	52,697,856	71,024,376	1	1	2	0
Case 63	4	71,024,451	71,024,552	0	0	0	0
Case 63	4	71,025,548	71,339,723	1	1	2	0
Case 63	4	71,346,606	71,767,788	2	1	3	0
Case 63	4	71,768,930	79,048,490	1	1	2	0
Case 63	4	79,052,851	79,747,281	2	1	3	0
Case 63	4	79,763,578	87,514,712	1	1	2	0
Case 63	4	87,517,609	91,123,874	2	1	3	0
Case 63	4	91,154,964	91,336,936	1	1	2	0
Case 63	4	91,340,668	92,066,776	2	1	3	0
Case 63	4	92,076,288	92,179,229	2	0	2	1
Case 63	4	92,184,080	100,171,379	2	1	3	0
Case 63	4	100,178,151	100,243,009	1	1	2	0
Case 63	4	100,243,932	105,838,702	2	1	3	0
Case 63	4	105,844,273	106,125,715	3	1	4	0
Case 63	4	106,137,033	179,337,999	2	1	3	0
Case 63	4	179,339,480	179,424,481	2	2	4	0
Case 63	4	179,426,861	190,963,766	2	1	3	0
Case 63	5	38,139	2,866,246	5	1	6	0
Case 63	5	2,866,346	3,086,514	6	1	7	0
Case 63	5	3,086,934	3,086,934	2	0	2	1
Case 63	5	3,088,781	11,597,332	5	1	6	0
Case 63	5	11,599,392	13,604,919	6	1	7	0
Case 63	5	13,604,996	13,604,996	2	0	2	1
Case 63	5	13,609,659	16,952,807	5	1	6	0
Case 63	5	16,961,453	31,073,148	6	1	7	0
Case 63	5	31,075,755	31,075,755	2	0	2	1
Case 63	5	31,076,540	35,545,908	5	1	6	0
Case 63	5	35,548,874	35,739,960	6	1	7	0
Case 63	5	35,740,256	35,740,256	2	0	2	1
Case 63	5	35,740,257	38,267,136	5	1	6	0
Case 63	5	38,270,279	40,597,618	6	1	7	0
Case 63	5	40,603,203	40,603,203	2	0	2	1
Case 63	5	40,607,910	41,203,190	5	1	6	0
Case 63	5	41,203,322	46,399,093	6	1	7	0
Case 63	5	49,457,282	54,349,842	2	0	2	1
Case 63	5	54,370,089	54,527,306	3	0	3	1
Case 63	5	54,527,316	55,149,235	2	0	2	1
Case 63	5	55,155,402	55,236,367	3	0	3	1
Case 63	5	55,236,374	55,568,321	2	0	2	1
Case 63	5	55,568,487	56,457,598	3	0	3	1
Case 63	5	56,471,790	56,592,647	2	0	2	1
Case 63	5	56,595,262	56,930,116	3	0	3	1
Case 63	5	56,930,563	59,225,762	2	0	2	1
Case 63	5	59,226,625	59,242,522	1	1	2	0
Case 63	5	59,249,174	59,371,938	0	0	0	0
Case 63	5	59,398,304	59,515,334	1	1	2	0
Case 63	5	59,517,876	60,759,524	2	0	2	1
Case 63	5	60,768,550	61,227,527	3	0	3	1
Case 63	5	61,239,182	65,349,887	2	0	2	1
Case 63	5	65,349,908	65,837,538	3	0	3	1
Case 63	5	65,849,279	66,799,242	2	0	2	1
Case 63	5	66,799,452	68,278,990	3	0	3	1
Case 63	5	68,279,398	71,002,954	2	0	2	1
Case 63	5	71,006,645	71,495,805	3	0	3	1
Case 63	5	71,496,159	71,743,322	2	0	2	1



Case 63	5	71,743,954	71,860,727	3	0	3	1
Case 63	5	71,863,336	72,407,538	2	0	2	1
Case 63	5	72,408,246	72,847,601	3	0	3	1
Case 63	5	72,848,297	73,187,660	2	0	2	1
Case 63	5	73,188,022	73,951,733	3	0	3	1
Case 63	5	73,954,619	74,239,784	2	0	2	1
Case 63	5	74,239,864	74,281,643	3	0	3	1
Case 63	5	74,289,069	75,778,642	2	0	2	1
Case 63	5	75,779,471	75,917,720	3	0	3	1
Case 63	5	75,918,738	76,029,192	2	0	2	1
Case 63	5	76,029,200	76,264,982	3	0	3	1
Case 63	5	76,265,035	76,642,311	2	0	2	1
Case 63	5	76,644,510	76,726,202	3	0	3	1
Case 63	5	76,728,039	76,788,039	2	0	2	1
Case 63	5	76,789,265	77,290,902	3	0	3	1
Case 63	5	77,292,714	79,383,276	2	0	2	1
Case 63	5	79,392,193	79,615,589	3	0	3	1
Case 63	5	79,616,083	80,207,733	2	0	2	1
Case 63	5	80,211,574	80,446,168	3	0	3	1
Case 63	5	80,449,911	94,360,291	2	0	2	1
Case 63	5	94,363,349	94,576,946	3	0	3	1
Case 63	5	94,578,715	95,617,095	2	0	2	1
Case 63	5	95,619,141	96,011,023	3	0	3	1
Case 63	5	96,017,956	97,449,146	2	0	2	1
Case 63	5	97,468,211	97,827,290	3	0	3	1
Case 63	5	97,836,794	110,402,755	2	0	2	1
Case 63	5	110,404,185	115,642,513	2	1	3	0
Case 63	5	115,643,769	115,727,838	2	0	2	1
Case 63	5	115,731,448	119,771,119	2	1	3	0
Case 63	5	119,771,549	119,940,108	4	1	5	0
Case 63	5	119,950,084	123,525,965	2	1	3	0
Case 63	5	123,534,021	123,801,827	2	2	4	0
Case 63	5	123,802,605	126,942,773	2	1	3	0
Case 63	5	126,943,278	127,212,228	3	1	4	0
Case 63	5	127,218,995	139,930,726	2	1	3	0
Case 63	5	139,930,736	139,931,384	1	1	2	0
Case 63	5	139,931,607	139,931,740	0	0	0	0
Case 63	5	139,936,760	139,936,823	1	1	2	0
Case 63	5	139,936,825	172,179,584	2	1	3	0
Case 63	5	172,188,213	172,213,709	4	0	4	1
Case 63	5	172,216,133	172,248,631	6	0	6	1
Case 63	5	172,250,261	180,693,127	2	1	3	0
Case 63	6	108,666	13,561,042	2	1	3	0
Case 63	6	13,562,277	14,515,168	2	2	4	0
Case 63	6	14,517,404	22,865,377	2	1	3	0
Case 63	6	22,868,767	22,907,994	4	1	5	0
Case 63	6	22,911,301	23,031,210	5	1	6	0
Case 63	6	23,031,437	23,318,780	4	2	6	0
Case 63	6	23,320,045	23,380,034	4	1	5	0
Case 63	6	23,380,783	28,824,958	2	1	3	0
Case 63	6	28,826,262	29,031,142	3	1	4	0
Case 63	6	29,033,053	29,394,926	4	1	5	0
Case 63	6	29,394,949	29,525,591	4	0	4	1
Case 63	6	29,526,940	29,760,029	4	1	5	0
Case 63	6	29,760,462	29,761,516	3	1	4	0
Case 63	6	29,761,835	30,252,836	5	0	5	1
Case 63	6	30,253,011	30,423,117	4	0	4	1
Case 63	6	30,423,223	30,455,886	4	1	5	0
Case 63	6	30,455,920	30,932,309	4	0	4	1
Case 63	6	30,932,532	31,091,862	4	1	5	0
Case 63	6	31,091,992	31,112,701	3	1	4	0

Case 63	6	31,112,737	31,238,259	4	1	5	0
Case 63	6	31,239,417	31,382,893	4	0	4	1
Case 63	6	31,383,071	31,532,814	4	1	5	0
Case 63	6	31,533,378	32,026,808	4	0	4	1
Case 63	6	32,029,180	32,171,288	3	1	4	0
Case 63	6	32,171,632	32,413,317	4	1	5	0
Case 63	6	32,413,459	32,511,672	4	0	4	1
Case 63	6	32,546,879	32,805,470	4	1	5	0
Case 63	6	32,805,568	32,822,186	4	0	4	1
Case 63	6	32,822,269	32,899,485	4	1	5	0
Case 63	6	32,900,018	32,961,361	3	1	4	0
Case 63	6	32,961,387	33,026,110	4	1	5	0
Case 63	6	33,026,246	33,057,659	3	1	4	0
Case 63	6	33,057,711	33,139,662	4	1	5	0
Case 63	6	33,140,009	33,427,350	3	1	4	0
Case 63	6	33,429,672	33,533,404	4	1	5	0
Case 63	6	33,534,880	35,980,134	4	0	4	1
Case 63	6	35,980,712	36,248,957	4	1	5	0
Case 63	6	36,252,839	36,348,689	3	1	4	0
Case 63	6	36,348,800	37,098,379	4	1	5	0
Case 63	6	37,102,822	37,257,787	3	1	4	0
Case 63	6	37,284,550	40,308,360	4	1	5	0
Case 63	6	40,310,573	40,536,128	4	0	4	1
Case 63	6	40,540,482	40,949,933	4	1	5	0
Case 63	6	40,959,427	41,314,114	3	1	4	0
Case 63	6	41,318,424	41,504,126	4	1	5	0
Case 63	6	41,519,522	41,908,122	3	1	4	0
Case 63	6	41,910,064	42,048,690	4	1	5	0
Case 63	6	42,050,823	42,237,177	4	0	4	1
Case 63	6	42,240,369	42,618,068	4	1	5	0
Case 63	6	42,620,234	43,396,325	4	0	4	1
Case 63	6	43,396,856	43,409,418	4	1	5	0
Case 63	6	43,409,627	43,487,552	3	1	4	0
Case 63	6	43,487,816	43,970,487	5	0	5	1
Case 63	6	43,970,658	44,250,281	4	0	4	1
Case 63	6	44,253,749	44,275,011	3	1	4	0
Case 63	6	44,278,069	49,655,649	4	1	5	0
Case 63	6	49,656,252	49,753,706	3	1	4	0
Case 63	6	49,753,726	50,664,180	4	1	5	0
Case 63	6	50,664,995	52,050,353	3	1	4	0
Case 63	6	52,050,493	52,055,293	2	2	4	0
Case 63	6	52,055,339	52,399,247	3	2	5	0
Case 63	6	52,399,307	54,962,103	3	1	4	0
Case 63	6	54,965,717	55,223,750	4	1	5	0
Case 63	6	55,223,868	57,217,336	3	1	4	0
Case 63	6	57,227,695	58,055,927	2	1	3	0
Case 63	6	58,150,777	58,741,497	3	1	4	0
Case 63	6	58,752,089	58,752,089	1	1	2	0
Case 63	6	61,891,118	77,000,660	1	1	2	0
Case 63	6	77,020,141	77,024,665	0	0	0	0
Case 63	6	77,059,064	108,558,280	1	1	2	0
Case 63	6	108,561,974	132,910,710	2	1	3	0
Case 63	6	132,912,612	133,237,557	3	1	4	0
Case 63	6	133,242,963	134,248,060	2	1	3	0
Case 63	6	134,259,753	147,148,863	2	2	4	0
Case 63	6	147,158,227	147,259,868	2	1	3	0
Case 63	6	147,268,277	161,430,468	2	2	4	0
Case 63	6	161,433,981	161,690,121	2	1	3	0
Case 63	6	161,692,286	162,559,180	2	2	4	0
Case 63	6	162,565,718	162,995,680	2	1	3	0
Case 63	6	162,996,263	170,980,171	2	2	4	0

Case 63	7	44,935	5,607,884	2	1	3	0
Case 63	7	5,607,908	6,316,798	2	2	4	0
Case 63	7	6,334,747	9,815,039	2	1	3	0
Case 63	7	9,819,610	9,819,610	1	1	2	0
Case 63	7	9,826,825	9,862,917	0	0	0	0
Case 63	7	9,867,749	9,867,749	1	1	2	0
Case 63	7	9,868,553	17,375,326	2	1	3	0
Case 63	7	17,378,904	17,728,255	3	1	4	0
Case 63	7	17,730,469	31,465,743	2	1	3	0
Case 63	7	31,466,377	31,552,117	3	1	4	0
Case 63	7	31,555,490	38,292,663	2	1	3	0
Case 63	7	38,297,145	38,374,697	3	1	4	0
Case 63	7	38,380,446	43,713,856	2	1	3	0
Case 63	7	43,728,129	44,189,274	2	2	4	0
Case 63	7	44,189,389	58,019,061	2	1	3	0
Case 63	7	61,056,053	64,537,992	2	1	3	0
Case 63	7	64,541,586	65,350,058	3	1	4	0
Case 63	7	65,360,715	99,238,141	2	1	3	0
Case 63	7	99,238,342	99,691,871	3	1	4	0
Case 63	7	99,692,993	102,992,566	2	1	3	0
Case 63	7	102,999,943	103,281,044	3	1	4	0
Case 63	7	103,283,013	109,757,243	2	1	3	0
Case 63	7	109,774,271	109,931,836	3	1	4	0
Case 63	7	109,933,856	111,651,812	2	1	3	0
Case 63	7	111,654,066	111,658,510	2	0	2	1
Case 63	7	111,661,836	111,785,581	3	0	3	1
Case 63	7	111,785,993	111,839,373	2	0	2	1
Case 63	7	111,845,773	141,272,716	2	1	3	0
Case 63	7	141,286,885	142,458,527	3	1	4	0
Case 63	7	142,459,680	153,794,636	2	1	3	0
Case 63	7	153,811,655	157,409,757	3	1	4	0
Case 63	7	157,412,024	157,819,325	2	1	3	0
Case 63	7	157,822,976	158,031,556	1	1	2	0
Case 63	7	158,031,749	158,986,017	2	1	3	0
Case 63	7	158,996,510	159,119,486	3	1	4	0
Case 63	8	164,984	1,676,789	2	0	2	1
Case 63	8	1,678,019	1,832,844	3	0	3	1
Case 63	8	1,839,973	2,089,096	2	0	2	1
Case 63	8	2,091,139	2,143,681	3	0	3	1
Case 63	8	2,143,792	2,747,940	2	0	2	1
Case 63	8	2,748,821	2,915,862	4	0	4	1
Case 63	8	2,919,891	2,923,691	2	1	3	0
Case 63	8	2,924,014	5,369,076	2	0	2	1
Case 63	8	5,369,603	5,400,926	3	0	3	1
Case 63	8	5,405,145	6,016,801	2	0	2	1
Case 63	8	6,018,779	6,234,672	3	0	3	1
Case 63	8	6,236,764	6,378,794	2	0	2	1
Case 63	8	6,383,599	6,484,968	3	0	3	1
Case 63	8	6,487,331	6,635,669	2	0	2	1
Case 63	8	6,637,188	6,742,558	3	0	3	1
Case 63	8	6,743,029	8,239,085	2	0	2	1
Case 63	8	8,241,316	9,225,258	3	0	3	1
Case 63	8	9,225,872	9,718,278	2	0	2	1
Case 63	8	9,727,527	10,288,461	3	0	3	1
Case 63	8	10,289,663	10,480,522	2	0	2	1
Case 63	8	10,480,543	11,097,804	3	0	3	1
Case 63	8	11,099,612	11,639,991	2	0	2	1
Case 63	8	11,640,722	11,831,477	3	0	3	1
Case 63	8	11,833,262	13,333,763	2	0	2	1
Case 63	8	13,333,857	13,395,662	3	0	3	1
Case 63	8	13,396,623	16,417,588	2	0	2	1

Case 63	8	16,427,536	16,427,536	2	1	3	0
Case 63	8	16,429,770	16,429,770	1	1	2	0
Case 63	8	16,435,574	16,500,728	1	0	1	0
Case 63	8	16,502,722	16,526,958	3	0	3	1
Case 63	8	16,538,391	17,156,393	2	0	2	1
Case 63	8	17,156,904	17,713,120	3	0	3	1
Case 63	8	17,714,562	17,903,046	2	0	2	1
Case 63	8	17,907,843	18,074,574	3	0	3	1
Case 63	8	18,074,901	18,099,877	2	0	2	1
Case 63	8	18,100,220	18,243,468	3	0	3	1
Case 63	8	18,243,603	18,497,616	2	0	2	1
Case 63	8	18,497,842	18,567,975	3	0	3	1
Case 63	8	18,568,985	20,548,817	2	0	2	1
Case 63	8	20,549,450	21,487,554	3	0	3	1
Case 63	8	21,487,597	22,168,712	2	0	2	1
Case 63	8	22,168,751	22,297,621	3	0	3	1
Case 63	8	22,297,849	22,582,428	2	0	2	1
Case 63	8	22,582,461	22,901,568	3	0	3	1
Case 63	8	22,911,073	23,104,413	2	0	2	1
Case 63	8	23,104,612	23,714,609	3	0	3	1
Case 63	8	23,724,908	24,359,085	2	0	2	1
Case 63	8	24,362,810	25,306,521	3	0	3	1
Case 63	8	25,307,798	25,365,042	2	0	2	1
Case 63	8	25,371,087	26,290,773	3	0	3	1
Case 63	8	26,295,234	26,340,833	2	0	2	1
Case 63	8	26,343,095	26,524,421	3	0	3	1
Case 63	8	26,530,079	26,574,853	2	0	2	1
Case 63	8	26,576,125	27,321,172	3	0	3	1
Case 63	8	27,321,189	27,373,865	2	0	2	1
Case 63	8	27,373,923	27,516,706	3	0	3	1
Case 63	8	27,516,855	28,439,437	2	0	2	1
Case 63	8	28,441,331	30,427,531	3	0	3	1
Case 63	8	30,434,903	36,410,648	2	0	2	1
Case 63	8	36,418,643	37,734,854	3	0	3	1
Case 63	8	37,738,616	37,815,009	2	0	2	1
Case 63	8	37,817,175	38,036,165	3	0	3	1
Case 63	8	38,050,243	38,599,218	2	0	2	1
Case 63	8	38,599,893	38,840,591	3	0	3	1
Case 63	8	38,845,455	43,791,691	2	0	2	1
Case 63	8	46,886,735	52,831,142	2	0	2	1
Case 63	8	52,844,411	52,945,956	5	1	6	0
Case 63	8	52,948,365	53,851,462	4	2	6	0
Case 63	8	53,852,583	59,107,029	4	1	5	0
Case 63	8	59,113,981	59,229,893	5	1	6	0
Case 63	8	59,235,124	59,413,190	4	2	6	0
Case 63	8	59,417,753	59,752,981	4	1	5	0
Case 63	8	59,753,928	60,132,194	5	1	6	0
Case 63	8	60,148,051	61,134,995	4	2	6	0
Case 63	8	61,140,958	62,006,248	4	1	5	0
Case 63	8	62,007,449	64,369,361	5	1	6	0
Case 63	8	64,381,431	66,438,548	4	2	6	0
Case 63	8	66,438,842	67,400,061	4	1	5	0
Case 63	8	67,400,347	68,334,782	5	1	6	0
Case 63	8	68,334,816	70,446,384	4	2	6	0
Case 63	8	70,447,058	70,855,209	4	1	5	0
Case 63	8	70,855,759	70,931,383	5	1	6	0
Case 63	8	70,931,521	75,610,456	4	2	6	0
Case 63	8	75,614,614	75,802,572	4	1	5	0
Case 63	8	75,803,536	77,625,309	5	1	6	0
Case 63	8	77,631,295	77,760,079	4	2	6	0
Case 63	8	77,761,269	78,021,585	4	1	5	0

Case 63	8	78,026,317	78,095,409	5	1	6	0
Case 63	8	78,101,085	81,397,268	4	2	6	0
Case 63	8	81,399,527	81,426,196	4	1	5	0
Case 63	8	81,429,892	84,570,892	5	1	6	0
Case 63	8	84,572,978	86,493,592	4	2	6	0
Case 63	8	86,494,538	87,076,810	4	1	5	0
Case 63	8	87,083,747	87,716,283	5	1	6	0
Case 63	8	87,720,350	89,209,945	4	2	6	0
Case 63	8	89,209,965	89,218,210	4	1	5	0
Case 63	8	89,220,059	90,300,401	5	1	6	0
Case 63	8	90,307,568	91,953,107	4	2	6	0
Case 63	8	91,953,138	94,143,207	4	1	5	0
Case 63	8	94,157,521	95,502,257	5	1	6	0
Case 63	8	95,502,554	96,027,306	4	2	6	0
Case 63	8	96,027,392	96,043,829	4	1	5	0
Case 63	8	96,044,300	96,594,769	5	1	6	0
Case 63	8	96,596,354	97,112,032	4	2	6	0
Case 63	8	97,122,652	99,895,405	4	1	5	0
Case 63	8	99,925,628	100,358,074	3	1	4	0
Case 63	8	100,359,742	100,433,468	4	1	5	0
Case 63	8	100,443,798	101,472,510	5	1	6	0
Case 63	8	101,473,019	101,637,901	4	2	6	0
Case 63	8	101,642,553	101,725,374	4	1	5	0
Case 63	8	101,725,401	102,601,618	5	1	6	0
Case 63	8	102,604,019	103,524,176	4	2	6	0
Case 63	8	103,524,461	103,940,219	4	1	5	0
Case 63	8	103,940,336	105,232,453	5	1	6	0
Case 63	8	105,233,131	105,292,163	4	2	6	0
Case 63	8	105,292,565	105,890,188	4	1	5	0
Case 63	8	105,890,308	105,930,209	5	1	6	0
Case 63	8	105,930,490	110,300,579	4	2	6	0
Case 63	8	110,301,998	110,622,831	4	1	5	0
Case 63	8	110,627,005	110,714,321	5	1	6	0
Case 63	8	110,721,705	115,626,102	4	2	6	0
Case 63	8	115,641,238	118,308,214	4	1	5	0
Case 63	8	118,309,831	122,299,388	5	1	6	0
Case 63	8	122,301,156	123,537,948	4	2	6	0
Case 63	8	123,538,147	124,023,621	4	1	5	0
Case 63	8	124,024,823	124,267,004	5	1	6	0
Case 63	8	124,267,441	125,044,118	4	2	6	0
Case 63	8	125,047,645	125,240,331	4	1	5	0
Case 63	8	125,241,796	128,071,922	5	1	6	0
Case 63	8	128,072,019	129,031,734	4	2	6	0
Case 63	8	129,036,062	129,162,497	4	1	5	0
Case 63	8	129,163,047	131,771,222	5	1	6	0
Case 63	8	131,774,876	131,781,235	4	2	6	0
Case 63	8	131,792,219	132,000,301	4	1	5	0
Case 63	8	132,002,334	132,353,735	5	1	6	0
Case 63	8	132,355,894	133,023,595	4	2	6	0
Case 63	8	133,029,845	134,707,646	4	1	5	0
Case 63	8	134,708,017	135,249,548	5	1	6	0
Case 63	8	135,250,072	135,272,269	4	2	6	0
Case 63	8	135,278,536	136,855,729	4	1	5	0
Case 63	8	136,868,367	138,866,496	5	1	6	0
Case 63	8	138,871,092	139,051,846	4	2	6	0
Case 63	8	139,062,339	144,929,811	4	1	5	0
Case 63	8	144,936,032	144,943,223	3	1	4	0
Case 63	8	144,943,389	144,946,799	7	0	7	1
Case 63	8	144,946,818	144,947,073	2	1	3	0
Case 63	8	144,947,117	146,293,414	4	1	5	0
Case 63	9	46,587	9,230,674	1	1	2	0

Case 63	9	9,231,566	9,649,668	1	0	1	0
Case 63	9	9,664,440	19,234,908	1	1	2	0
Case 63	9	19,235,270	19,698,751	2	1	3	0
Case 63	9	19,700,975	32,619,211	1	1	2	0
Case 63	9	32,625,622	33,469,096	2	1	3	0
Case 63	9	33,469,191	34,372,725	1	1	2	0
Case 63	9	34,372,783	34,506,738	2	1	3	0
Case 63	9	34,506,756	35,738,371	1	1	2	0
Case 63	9	35,739,655	35,841,071	2	1	3	0
Case 63	9	35,841,783	46,944,322	1	1	2	0
Case 63	9	65,629,772	95,502,571	1	1	2	0
Case 63	9	95,527,885	96,077,465	2	1	3	0
Case 63	9	96,080,699	98,146,478	1	1	2	0
Case 63	9	98,147,804	98,426,006	2	1	3	0
Case 63	9	98,428,619	98,957,977	1	1	2	0
Case 63	9	98,958,949	116,752,771	3	1	4	0
Case 63	9	116,763,905	116,780,992	1	1	2	0
Case 63	9	116,782,921	131,221,884	3	1	4	0
Case 63	9	131,221,904	131,513,717	2	1	3	0
Case 63	9	131,515,055	131,515,516	3	0	3	1
Case 63	9	131,515,547	131,671,142	3	1	4	0
Case 63	9	131,672,153	131,825,843	3	0	3	1
Case 63	9	131,828,285	135,431,295	3	1	4	0
Case 63	9	135,435,742	135,867,989	2	2	4	0
Case 63	9	135,872,063	135,917,586	2	1	3	0
Case 63	9	135,919,118	136,198,803	3	1	4	0
Case 63	9	136,198,932	136,518,097	3	0	3	1
Case 63	9	136,519,216	136,573,510	3	1	4	0
Case 63	9	136,573,536	136,641,170	2	1	3	0
Case 63	9	136,641,177	136,874,066	3	1	4	0
Case 63	9	136,874,158	137,123,248	2	1	3	0
Case 63	9	137,124,673	138,365,495	3	1	4	0
Case 63	9	138,366,254	138,425,308	2	1	3	0
Case 63	9	138,428,645	138,584,199	3	1	4	0
Case 63	9	138,585,525	138,867,842	2	1	3	0
Case 63	9	138,875,850	138,992,466	3	1	4	0
Case 63	9	138,999,710	138,999,710	3	0	3	1
Case 63	9	139,000,752	139,340,155	4	0	4	1
Case 63	9	139,341,700	139,371,818	2	1	3	0
Case 63	9	139,371,940	139,501,325	4	0	4	1
Case 63	9	139,511,247	139,570,617	4	1	5	0
Case 63	9	139,571,430	139,728,202	4	0	4	1
Case 63	9	139,728,504	139,732,380	3	1	4	0
Case 63	9	139,733,365	140,301,447	3	0	3	1
Case 63	9	140,305,091	140,738,306	2	1	3	0
Case 63	9	140,751,501	141,066,491	3	1	4	0
Case 63	10	98,087	4,547,174	2	2	4	0
Case 63	10	4,554,674	5,916,771	4	2	6	0
Case 63	10	5,920,121	5,965,620	4	1	5	0
Case 63	10	5,967,006	6,057,732	2	2	4	0
Case 63	10	6,059,898	6,152,413	3	2	5	0
Case 63	10	6,153,297	11,694,596	2	2	4	0
Case 63	10	11,697,403	11,962,266	3	2	5	0
Case 63	10	11,966,016	18,922,659	2	2	4	0
Case 63	10	18,929,856	19,197,265	3	2	5	0
Case 63	10	19,198,427	38,973,500	2	2	4	0
Case 63	10	38,995,349	39,097,912	2	1	3	0
Case 63	10	42,436,301	56,102,910	2	1	3	0
Case 63	10	56,104,514	56,207,497	1	1	2	0
Case 63	10	56,208,736	74,016,351	2	1	3	0
Case 63	10	74,020,044	74,185,638	3	1	4	0

Case 63	10	74,204,929	76,092,691	2	1	3	0
Case 63	10	76,131,244	76,757,407	2	0	2	1
Case 63	10	76,760,631	80,458,157	2	1	3	0
Case 63	10	80,459,780	81,209,298	3	1	4	0
Case 63	10	81,212,186	90,748,736	2	1	3	0
Case 63	10	90,749,963	91,393,013	2	2	4	0
Case 63	10	91,395,428	91,469,145	2	1	3	0
Case 63	10	91,469,156	91,522,564	1	1	2	0
Case 63	10	91,528,087	120,650,662	2	1	3	0
Case 63	10	120,663,911	121,203,194	3	1	4	0
Case 63	10	121,207,272	122,420,456	2	1	3	0
Case 63	10	122,429,367	123,510,055	2	2	4	0
Case 63	10	123,518,349	123,643,822	2	1	3	0
Case 63	10	123,658,376	123,878,029	3	1	4	0
Case 63	10	123,878,679	124,062,106	4	1	5	0
Case 63	10	124,063,140	124,417,654	3	1	4	0
Case 63	10	124,417,900	124,523,514	4	1	5	0
Case 63	10	124,524,241	124,648,997	4	0	4	1
Case 63	10	124,660,458	134,994,032	2	1	3	0
Case 63	10	134,996,849	135,025,264	1	1	2	0
Case 63	10	135,027,248	135,477,883	2	1	3	0
Case 63	11	193,146	244,129	2	2	4	0
Case 63	11	244,141	34,625,239	2	1	3	0
Case 63	11	34,626,877	34,626,877	3	1	4	0
Case 63	11	34,633,745	34,672,161	3	0	3	1
Case 63	11	34,672,889	51,591,253	2	1	3	0
Case 63	11	54,794,237	67,760,366	2	1	3	0
Case 63	11	67,764,091	67,817,679	2	0	2	1
Case 63	11	67,817,876	68,088,831	3	0	3	1
Case 63	11	68,089,659	68,905,412	2	0	2	1
Case 63	11	68,905,440	69,174,170	3	0	3	1
Case 63	11	69,177,047	69,392,304	2	0	2	1
Case 63	11	69,392,952	69,837,473	3	0	3	1
Case 63	11	69,838,148	73,371,847	2	0	2	1
Case 63	11	73,371,898	74,660,292	3	0	3	1
Case 63	11	74,664,025	76,108,796	2	1	3	0
Case 63	11	76,116,713	77,032,307	3	1	4	0
Case 63	11	77,050,714	77,587,973	2	1	3	0
Case 63	11	77,590,122	77,749,228	3	1	4	0
Case 63	11	77,773,715	80,059,033	2	1	3	0
Case 63	11	80,062,406	80,140,069	1	1	2	0
Case 63	11	80,140,376	110,710,617	2	1	3	0
Case 63	11	110,712,113	111,796,829	3	1	4	0
Case 63	11	111,796,904	117,906,510	2	1	3	0
Case 63	11	117,909,101	118,773,140	2	2	4	0
Case 63	11	118,779,309	134,934,063	2	1	3	0
Case 63	12	191,619	11,521,626	1	1	2	0
Case 63	12	11,543,002	11,848,493	2	1	3	0
Case 63	12	11,850,632	13,685,476	1	1	2	0
Case 63	12	13,686,475	13,731,244	2	1	3	0
Case 63	12	13,732,821	18,141,629	1	1	2	0
Case 63	12	18,144,298	18,684,104	1	0	1	0
Case 63	12	18,685,521	18,930,338	1	1	2	0
Case 63	12	18,948,319	19,427,764	2	1	3	0
Case 63	12	19,427,766	25,917,408	1	1	2	0
Case 63	12	25,921,843	26,472,718	5	0	5	1
Case 63	12	26,475,967	26,475,967	3	1	4	0
Case 63	12	26,485,544	26,515,156	4	1	5	0
Case 63	12	26,517,979	27,016,527	5	1	6	0
Case 63	12	27,020,533	27,020,533	4	2	6	0
Case 63	12	27,021,673	27,544,345	4	1	5	0

Case 63	12	27,546,377	29,149,089	5	1	6	0
Case 63	12	29,180,359	34,853,011	3	1	4	0
Case 63	12	37,876,400	40,053,423	3	1	4	0
Case 63	12	40,053,888	40,707,861	2	1	3	0
Case 63	12	40,709,068	50,503,269	3	1	4	0
Case 63	12	50,505,881	50,727,811	4	1	5	0
Case 63	12	50,727,870	53,924,293	3	1	4	0
Case 63	12	53,925,589	54,575,620	4	1	5	0
Case 63	12	54,576,323	58,117,355	3	1	4	0
Case 63	12	58,117,645	58,207,969	2	2	4	0
Case 63	12	58,208,164	58,614,957	3	2	5	0
Case 63	12	58,631,149	131,140,688	3	1	4	0
Case 63	12	131,141,905	131,217,685	2	1	3	0
Case 63	12	131,218,851	132,106,366	3	1	4	0
Case 63	12	132,115,667	133,286,894	3	0	3	1
Case 63	12	133,291,473	133,810,935	2	1	3	0
Case 63	13	19,058,717	20,520,907	4	1	5	0
Case 63	13	20,524,705	20,769,712	3	1	4	0
Case 63	13	20,772,687	20,962,029	4	1	5	0
Case 63	13	20,969,210	21,510,900	3	1	4	0
Case 63	13	21,512,850	21,698,120	4	1	5	0
Case 63	13	21,700,503	22,448,843	3	1	4	0
Case 63	13	22,449,282	23,072,446	4	1	5	0
Case 63	13	23,073,615	23,337,187	3	1	4	0
Case 63	13	23,338,254	24,639,957	4	1	5	0
Case 63	13	24,640,701	27,076,469	3	1	4	0
Case 63	13	27,081,152	28,426,828	4	1	5	0
Case 63	13	28,427,031	29,186,482	3	1	4	0
Case 63	13	29,191,735	29,560,146	4	1	5	0
Case 63	13	29,566,537	29,623,790	3	1	4	0
Case 63	13	29,623,857	31,117,125	4	1	5	0
Case 63	13	31,124,651	31,910,751	3	1	4	0
Case 63	13	31,921,922	32,715,802	4	1	5	0
Case 63	13	32,716,488	32,886,038	3	1	4	0
Case 63	13	32,886,213	32,911,932	4	1	5	0
Case 63	13	32,911,937	33,762,773	3	1	4	0
Case 63	13	33,766,576	34,399,945	4	1	5	0
Case 63	13	34,404,147	35,280,104	3	1	4	0
Case 63	13	35,283,075	36,297,517	4	1	5	0
Case 63	13	36,298,299	38,251,689	3	1	4	0
Case 63	13	38,251,798	38,758,183	4	1	5	0
Case 63	13	38,761,138	41,383,515	3	1	4	0
Case 63	13	41,385,658	42,636,943	4	1	5	0
Case 63	13	42,639,852	43,408,842	3	1	4	0
Case 63	13	43,409,346	43,493,219	4	1	5	0
Case 63	13	43,493,915	43,949,318	3	1	4	0
Case 63	13	43,952,370	46,510,731	4	1	5	0
Case 63	13	46,511,517	47,451,320	3	1	4	0
Case 63	13	47,452,038	47,767,007	4	1	5	0
Case 63	13	47,767,498	47,973,025	4	0	4	1
Case 63	13	47,973,276	48,350,699	4	1	5	0
Case 63	13	48,362,583	50,141,707	3	1	4	0
Case 63	13	50,141,897	50,395,858	4	1	5	0
Case 63	13	50,396,755	51,417,377	3	1	4	0
Case 63	13	51,417,535	51,842,513	4	1	5	0
Case 63	13	51,844,429	53,340,133	3	1	4	0
Case 63	13	53,345,097	53,398,068	4	1	5	0
Case 63	13	53,398,824	53,479,919	4	0	4	1
Case 63	13	53,485,073	53,640,171	4	1	5	0
Case 63	13	53,645,448	54,395,310	3	1	4	0
Case 63	13	54,396,931	54,580,274	4	1	5	0



Case 63	13	54,581,066	60,610,499	3	1	4	0
Case 63	13	60,611,264	61,220,559	4	1	5	0
Case 63	13	61,224,370	61,787,193	3	1	4	0
Case 63	13	61,788,949	64,215,750	4	1	5	0
Case 63	13	64,217,694	64,307,200	3	1	4	0
Case 63	13	64,310,757	64,662,462	3	0	3	1
Case 63	13	64,703,769	65,080,787	4	0	4	1
Case 63	13	65,080,804	70,598,508	4	1	5	0
Case 63	13	70,599,439	70,880,137	3	1	4	0
Case 63	13	70,881,665	73,641,750	4	1	5	0
Case 63	13	73,644,195	73,797,952	5	1	6	0
Case 63	13	73,801,428	74,659,642	4	2	6	0
Case 63	13	74,661,811	76,371,876	4	1	5	0
Case 63	13	76,374,826	76,455,056	3	1	4	0
Case 63	13	76,455,141	78,899,157	4	1	5	0
Case 63	13	78,900,695	79,361,077	3	1	4	0
Case 63	13	79,361,121	80,910,851	4	1	5	0
Case 63	13	80,911,477	81,411,946	3	1	4	0
Case 63	13	81,417,896	83,809,357	4	1	5	0
Case 63	13	83,809,699	84,266,430	4	0	4	1
Case 63	13	84,268,436	85,292,442	4	1	5	0
Case 63	13	85,294,881	85,571,500	3	1	4	0
Case 63	13	85,572,420	88,099,091	4	1	5	0
Case 63	13	88,102,603	88,802,600	3	1	4	0
Case 63	13	88,807,658	90,476,414	4	1	5	0
Case 63	13	90,483,982	90,799,554	4	0	4	1
Case 63	13	90,801,961	90,854,754	3	1	4	0
Case 63	13	90,856,891	91,866,761	4	1	5	0
Case 63	13	91,866,940	92,361,833	3	1	4	0
Case 63	13	92,368,587	93,879,390	4	1	5	0
Case 63	13	93,879,719	94,159,903	4	0	4	1
Case 63	13	94,163,503	95,042,058	4	1	5	0
Case 63	13	95,043,288	95,414,968	3	1	4	0
Case 63	13	95,415,865	96,094,781	4	1	5	0
Case 63	13	96,099,499	96,802,616	3	1	4	0
Case 63	13	96,805,290	99,826,058	4	1	5	0
Case 63	13	99,840,875	100,316,915	3	1	4	0
Case 63	13	100,317,088	100,530,936	4	1	5	0
Case 63	13	100,536,816	101,320,979	3	1	4	0
Case 63	13	101,321,244	103,130,876	4	1	5	0
Case 63	13	103,135,443	103,723,047	3	1	4	0
Case 63	13	103,723,244	108,838,844	4	1	5	0
Case 63	13	108,839,332	109,007,166	3	1	4	0
Case 63	13	109,010,873	110,777,035	4	1	5	0
Case 63	13	110,781,087	111,213,781	3	1	4	0
Case 63	13	111,217,422	111,250,623	4	1	5	0
Case 63	13	111,250,881	115,103,529	3	1	4	0
Case 63	14	19,280,733	20,404,671	2	1	3	0
Case 63	14	20,404,736	20,940,606	3	1	4	0
Case 63	14	20,940,626	21,024,817	4	1	5	0
Case 63	14	21,024,862	21,125,034	4	0	4	1
Case 63	14	21,125,838	22,435,602	3	1	4	0
Case 63	14	22,453,915	23,009,999	4	1	5	0
Case 63	14	23,011,465	43,960,993	3	1	4	0
Case 63	14	43,961,379	44,105,698	3	0	3	1
Case 63	14	44,127,624	45,618,040	3	1	4	0
Case 63	14	45,618,055	45,665,690	2	1	3	0
Case 63	14	45,667,921	58,768,299	3	1	4	0
Case 63	14	58,768,403	58,949,390	2	1	3	0
Case 63	14	58,953,746	77,762,578	3	1	4	0
Case 63	14	77,762,872	77,871,777	2	1	3	0

Case 63	14	77,873,878	93,707,850	3	1	4	0
Case 63	14	93,708,224	94,200,784	2	1	3	0
Case 63	14	94,200,936	94,689,200	3	1	4	0
Case 63	14	94,708,257	94,843,818	2	1	3	0
Case 63	14	94,844,843	102,323,220	3	1	4	0
Case 63	14	102,328,945	103,215,234	3	0	3	1
Case 63	14	103,218,818	103,290,938	4	0	4	1
Case 63	14	103,291,031	104,640,120	3	1	4	0
Case 63	14	104,640,582	104,666,821	2	1	3	0
Case 63	14	104,673,221	104,838,191	3	1	4	0
Case 63	14	104,839,816	105,965,245	3	0	3	1
Case 63	14	105,970,176	107,287,663	3	1	4	0
Case 63	15	20,034,919	22,652,330	2	1	3	0
Case 63	15	22,750,305	43,891,364	1	1	2	0
Case 63	15	43,892,807	43,931,102	0	0	0	0
Case 63	15	43,931,858	45,361,227	1	1	2	0
Case 63	15	45,361,247	45,450,323	2	1	3	0
Case 63	15	45,453,075	51,546,298	1	1	2	0
Case 63	15	51,548,310	52,186,103	2	1	3	0
Case 63	15	52,188,668	64,775,002	1	1	2	0
Case 63	15	64,791,920	65,298,496	2	1	3	0
Case 63	15	65,298,672	78,779,384	1	1	2	0
Case 63	15	78,780,104	79,006,582	2	1	3	0
Case 63	15	79,019,024	89,902,032	1	1	2	0
Case 63	15	89,919,052	90,761,651	2	1	3	0
Case 63	15	90,763,025	91,395,711	1	1	2	0
Case 63	15	91,404,788	91,517,878	2	1	3	0
Case 63	15	91,521,337	99,654,696	1	1	2	0
Case 63	15	99,654,880	99,674,750	2	1	3	0
Case 63	15	99,675,028	102,461,162	1	1	2	0
Case 63	16	88,165	230,538	2	1	3	0
Case 63	16	230,721	633,386	1	1	2	0
Case 63	16	633,399	705,125	2	1	3	0
Case 63	16	705,128	1,842,516	1	1	2	0
Case 63	16	1,849,916	2,130,189	2	1	3	0
Case 63	16	2,130,190	2,287,867	1	1	2	0
Case 63	16	2,288,345	4,386,814	2	1	3	0
Case 63	16	4,386,960	4,440,593	1	1	2	0
Case 63	16	4,440,828	11,447,272	2	1	3	0
Case 63	16	11,458,800	11,624,245	2	2	4	0
Case 63	16	11,627,587	14,586,821	2	1	3	0
Case 63	16	14,618,311	19,280,924	3	1	4	0
Case 63	16	19,288,435	20,441,013	5	0	5	1
Case 63	16	20,441,020	20,471,450	4	0	4	1
Case 63	16	20,478,724	20,809,283	6	0	6	1
Case 63	16	20,809,303	21,317,295	7	0	7	1
Case 63	16	21,608,472	33,460,718	2	1	3	0
Case 63	16	33,557,021	35,285,582	1	1	2	0
Case 63	16	46,450,037	46,655,234	1	1	2	0
Case 63	16	46,662,987	75,095,695	2	1	3	0
Case 63	16	75,102,952	75,448,587	3	1	4	0
Case 63	16	75,467,223	78,837,743	2	1	3	0
Case 63	16	78,837,772	79,196,789	2	0	2	1
Case 63	16	79,199,110	81,170,741	2	1	3	0
Case 63	16	81,171,069	81,171,635	1	1	2	0
Case 63	16	81,172,338	81,175,103	0	0	0	0
Case 63	16	81,180,988	81,180,988	1	1	2	0
Case 63	16	81,180,995	84,228,770	2	1	3	0
Case 63	16	84,228,798	84,234,231	1	1	2	0
Case 63	16	84,234,740	88,482,758	2	1	3	0
Case 63	16	88,490,418	88,967,053	1	1	2	0

Case 63	16	88,967,923	89,294,044	2	1	3	0
Case 63	16	89,294,184	89,567,014	1	1	2	0
Case 63	16	89,569,215	90,274,695	2	1	3	0
Case 63	17	11,885	602,613	2	0	2	1
Case 63	17	608,209	861,226	4	0	4	1
Case 63	17	863,462	1,371,570	5	0	5	1
Case 63	17	1,372,839	1,648,294	4	0	4	1
Case 63	17	1,648,502	1,859,530	3	0	3	1
Case 63	17	1,860,638	3,834,598	4	0	4	1
Case 63	17	3,840,055	4,120,933	3	0	3	1
Case 63	17	4,138,937	4,434,030	4	0	4	1
Case 63	17	4,436,273	4,455,763	2	1	3	0
Case 63	17	4,455,873	7,240,106	4	0	4	1
Case 63	17	7,245,267	8,274,755	3	0	3	1
Case 63	17	8,275,023	10,265,218	4	0	4	1
Case 63	17	10,265,366	10,450,808	2	1	3	0
Case 63	17	10,452,313	11,515,208	4	0	4	1
Case 63	17	11,516,460	11,666,930	2	1	3	0
Case 63	17	11,670,595	11,843,782	4	0	4	1
Case 63	17	11,845,741	12,031,147	2	1	3	0
Case 63	17	12,037,808	17,680,719	4	0	4	1
Case 63	17	17,681,537	17,696,755	3	1	4	0
Case 63	17	17,696,778	18,638,214	3	0	3	1
Case 63	17	18,640,784	19,699,121	4	0	4	1
Case 63	17	19,700,933	20,650,146	2	1	3	0
Case 63	17	20,652,329	22,242,355	4	0	4	1
Case 63	17	25,268,142	25,295,032	4	0	4	1
Case 63	17	25,329,949	26,095,730	3	2	5	0
Case 63	17	26,096,073	34,431,360	2	2	4	0
Case 63	17	34,432,735	34,436,708	2	1	3	0
Case 63	17	34,443,811	34,468,886	4	1	5	0
Case 63	17	34,476,396	34,893,203	2	1	3	0
Case 63	17	34,893,242	36,244,358	2	2	4	0
Case 63	17	36,307,189	36,483,477	4	1	5	0
Case 63	17	36,483,522	37,565,523	5	1	6	0
Case 63	17	37,565,662	37,610,123	4	2	6	0
Case 63	17	37,616,337	37,627,424	4	1	5	0
Case 63	17	37,627,837	37,682,657	3	1	4	0
Case 63	17	37,686,920	39,959,433	7	0	7	1
Case 63	17	39,965,958	41,622,705	2	1	3	0
Case 63	17	41,622,970	41,829,296	4	1	5	0
Case 63	17	41,835,215	42,270,977	4	0	4	1
Case 63	17	42,272,470	45,384,950	2	1	3	0
Case 63	17	45,384,951	45,878,845	2	2	4	0
Case 63	17	45,880,748	48,078,949	2	1	3	0
Case 63	17	48,083,846	49,035,711	4	0	4	1
Case 63	17	49,038,352	62,611,219	2	1	3	0
Case 63	17	62,616,970	62,856,881	4	1	5	0
Case 63	17	62,932,682	65,908,292	2	1	3	0
Case 63	17	65,909,017	73,870,977	2	2	4	0
Case 63	17	73,871,467	74,077,797	2	1	3	0
Case 63	17	74,077,830	76,134,452	2	2	4	0
Case 63	17	76,134,467	76,245,469	3	2	5	0
Case 63	17	76,246,294	77,844,799	2	2	4	0
Case 63	17	77,846,933	78,109,804	3	1	4	0
Case 63	17	78,111,288	78,972,916	2	2	4	0
Case 63	17	78,972,930	79,077,377	2	1	3	0
Case 63	17	79,077,746	79,683,879	3	1	4	0
Case 63	17	79,683,880	81,060,040	2	1	3	0
Case 63	18	87,505	2,377,088	2	1	3	0
Case 63	18	2,382,377	2,771,588	2	0	2	1

Case 63	18	2,788,323	3,215,158	2	1	3	0
Case 63	18	3,215,230	3,636,288	2	2	4	0
Case 63	18	3,645,455	15,375,878	2	1	3	0
Case 63	18	18,520,354	54,983,554	2	1	3	0
Case 63	18	54,986,641	55,146,682	3	1	4	0
Case 63	18	55,149,354	67,466,068	2	1	3	0
Case 63	18	67,466,298	67,747,484	2	2	4	0
Case 63	18	67,753,863	72,409,082	2	1	3	0
Case 63	18	72,414,096	72,441,535	1	1	2	0
Case 63	18	72,441,802	72,679,334	1	0	1	0
Case 63	18	72,687,307	72,687,307	1	1	2	0
Case 63	18	72,689,581	78,015,180	2	1	3	0
Case 63	19	260,912	1,510,368	2	0	2	1
Case 63	19	1,512,093	2,078,144	3	0	3	1
Case 63	19	2,078,181	2,512,606	2	0	2	1
Case 63	19	2,512,876	2,608,353	3	0	3	1
Case 63	19	2,609,815	6,381,498	2	0	2	1
Case 63	19	6,381,628	6,471,291	3	0	3	1
Case 63	19	6,471,429	7,105,136	2	0	2	1
Case 63	19	7,112,593	7,504,456	3	0	3	1
Case 63	19	7,505,163	9,054,279	2	0	2	1
Case 63	19	9,056,232	9,088,981	3	0	3	1
Case 63	19	9,089,110	10,085,054	2	0	2	1
Case 63	19	10,087,234	10,188,210	3	0	3	1
Case 63	19	10,190,826	10,706,567	2	0	2	1
Case 63	19	10,728,030	11,039,506	3	0	3	1
Case 63	19	11,040,005	13,411,482	2	0	2	1
Case 63	19	13,414,594	13,622,767	3	0	3	1
Case 63	19	13,629,889	14,991,507	2	0	2	1
Case 63	19	14,991,761	15,210,776	3	0	3	1
Case 63	19	15,212,304	16,078,966	2	0	2	1
Case 63	19	16,085,596	16,300,190	3	0	3	1
Case 63	19	16,301,100	16,939,611	2	1	3	0
Case 63	19	16,942,368	18,288,072	2	0	2	1
Case 63	19	18,288,540	18,557,573	2	1	3	0
Case 63	19	18,557,592	18,710,506	2	0	2	1
Case 63	19	18,719,009	19,645,844	3	0	3	1
Case 63	19	19,645,901	20,170,214	2	0	2	1
Case 63	19	20,190,141	20,430,665	3	0	3	1
Case 63	19	20,435,660	24,545,366	2	0	2	1
Case 63	19	24,629,285	24,629,285	3	1	4	0
Case 63	19	27,732,159	28,959,499	3	1	4	0
Case 63	19	28,967,575	30,779,231	7	0	7	1
Case 63	19	30,780,196	39,195,558	2	1	3	0
Case 63	19	39,195,590	41,001,101	2	2	4	0
Case 63	19	41,001,921	41,985,802	2	1	3	0
Case 63	19	41,989,138	42,525,481	2	2	4	0
Case 63	19	42,525,582	52,528,944	2	1	3	0
Case 63	19	52,529,074	52,570,714	1	1	2	0
Case 63	19	52,570,767	53,114,267	2	1	3	0
Case 63	19	53,116,060	53,138,444	1	1	2	0
Case 63	19	53,140,449	54,511,915	2	1	3	0
Case 63	19	54,515,399	55,019,379	4	0	4	1
Case 63	19	55,021,895	59,097,160	2	1	3	0
Case 63	20	63,244	676,442	3	2	5	0
Case 63	20	681,164	1,162,370	2	2	4	0
Case 63	20	1,162,615	2,582,839	3	2	5	0
Case 63	20	2,582,894	2,785,279	2	2	4	0
Case 63	20	2,785,598	3,187,733	3	2	5	0
Case 63	20	3,193,617	3,251,172	2	2	4	0
Case 63	20	3,251,356	4,045,738	3	2	5	0

Case 63	20	4,047,486	4,236,557	2	2	4	0
Case 63	20	4,241,647	4,595,503	3	2	5	0
Case 63	20	4,596,392	5,200,227	2	2	4	0
Case 63	20	5,203,917	14,205,048	3	2	5	0
Case 63	20	14,236,785	14,307,005	3	1	4	0
Case 63	20	14,307,012	14,772,789	2	2	4	0
Case 63	20	14,776,552	15,110,701	3	2	5	0
Case 63	20	15,111,138	15,141,959	3	1	4	0
Case 63	20	15,143,185	15,215,964	2	1	3	0
Case 63	20	15,219,500	15,392,473	3	1	4	0
Case 63	20	15,393,297	15,406,124	2	2	4	0
Case 63	20	15,411,170	24,763,867	3	2	5	0
Case 63	20	24,764,183	26,072,582	2	2	4	0
Case 63	20	26,078,211	26,293,985	3	2	5	0
Case 63	20	29,425,357	29,960,767	3	2	5	0
Case 63	20	29,960,801	29,992,741	3	1	4	0
Case 63	20	29,992,847	30,619,682	4	1	5	0
Case 63	20	30,621,098	31,673,846	3	1	4	0
Case 63	20	31,673,875	32,040,491	4	1	5	0
Case 63	20	32,065,436	32,384,844	3	1	4	0
Case 63	20	32,393,000	32,784,494	4	1	5	0
Case 63	20	32,795,026	33,356,353	2	2	4	0
Case 63	20	33,356,388	34,746,826	3	2	5	0
Case 63	20	34,770,269	36,156,369	2	2	4	0
Case 63	20	36,160,716	36,618,621	3	2	5	0
Case 63	20	36,619,481	36,816,105	2	2	4	0
Case 63	20	36,817,151	36,921,185	3	2	5	0
Case 63	20	36,921,857	40,283,343	2	2	4	0
Case 63	20	40,285,506	40,707,937	3	2	5	0
Case 63	20	40,708,234	41,729,903	2	2	4	0
Case 63	20	41,731,202	42,091,357	3	2	5	0
Case 63	20	42,094,474	42,355,331	2	2	4	0
Case 63	20	42,355,753	42,885,823	3	2	5	0
Case 63	20	42,885,925	43,257,796	2	2	4	0
Case 63	20	43,260,694	43,344,039	3	2	5	0
Case 63	20	43,347,291	43,893,276	2	2	4	0
Case 63	20	43,897,362	43,922,584	3	2	5	0
Case 63	20	43,922,637	44,149,193	3	1	4	0
Case 63	20	44,161,080	44,477,103	2	2	4	0
Case 63	20	44,477,137	44,507,214	3	2	5	0
Case 63	20	44,507,385	44,577,623	3	1	4	0
Case 63	20	44,577,868	45,021,740	2	2	4	0
Case 63	20	45,024,280	46,095,649	3	2	5	0
Case 63	20	46,097,599	46,337,940	2	2	4	0
Case 63	20	46,340,506	46,626,758	3	2	5	0
Case 63	20	46,630,708	46,922,625	2	2	4	0
Case 63	20	46,923,061	47,240,794	3	2	5	0
Case 63	20	47,241,358	48,830,265	2	2	4	0
Case 63	20	48,836,248	49,138,049	3	2	5	0
Case 63	20	49,144,283	50,449,214	2	2	4	0
Case 63	20	50,453,628	51,869,389	3	2	5	0
Case 63	20	51,870,106	51,924,497	2	2	4	0
Case 63	20	51,925,509	52,161,111	3	2	5	0
Case 63	20	52,164,278	52,250,781	2	2	4	0
Case 63	20	52,250,876	54,752,084	3	2	5	0
Case 63	20	54,754,377	56,531,018	2	2	4	0
Case 63	20	56,531,238	56,684,153	3	2	5	0
Case 63	20	56,691,649	57,373,340	2	2	4	0
Case 63	20	57,374,243	57,415,110	3	2	5	0
Case 63	20	57,415,525	57,934,675	2	2	4	0
Case 63	20	57,935,066	58,031,052	3	2	5	0

Case 63	20	58,031,774	59,134,718	2	2	4	0
Case 63	20	59,142,286	59,603,942	3	2	5	0
Case 63	20	59,605,124	61,990,939	2	2	4	0
Case 63	20	61,993,942	62,014,997	3	2	5	0
Case 63	20	62,018,747	62,491,769	3	1	4	0
Case 63	20	62,492,912	62,948,788	2	2	4	0
Case 63	21	10,827,533	10,971,337	2	1	3	0
Case 63	21	14,368,320	21,812,972	2	1	3	0
Case 63	21	21,813,380	21,984,599	1	1	2	0
Case 63	21	21,984,714	23,298,169	2	1	3	0
Case 63	21	23,299,786	23,654,246	1	1	2	0
Case 63	21	23,655,900	23,661,835	0	0	0	0
Case 63	21	23,672,710	24,200,410	1	1	2	0
Case 63	21	24,205,546	24,555,671	2	1	3	0
Case 63	21	24,559,181	25,200,439	1	1	2	0
Case 63	21	25,209,156	39,951,162	2	1	3	0
Case 63	21	39,953,486	40,479,387	2	2	4	0
Case 63	21	40,483,956	44,519,655	2	1	3	0
Case 63	21	44,525,219	44,628,741	3	1	4	0
Case 63	21	44,690,691	44,840,296	2	1	3	0
Case 63	21	44,845,968	45,000,892	3	1	4	0
Case 63	21	45,012,353	45,987,736	2	1	3	0
Case 63	21	45,987,802	46,060,222	1	1	2	0
Case 63	21	46,064,574	47,808,679	2	1	3	0
Case 63	21	47,808,772	47,867,318	1	1	2	0
Case 63	21	47,868,321	48,100,155	2	1	3	0
Case 63	22	16,114,244	17,339,003	2	0	2	1
Case 63	22	17,339,404	17,467,474	3	0	3	1
Case 63	22	17,468,875	17,591,089	2	0	2	1
Case 63	22	17,593,685	17,916,235	3	0	3	1
Case 63	22	17,916,547	18,300,775	2	0	2	1
Case 63	22	18,300,844	18,610,146	3	0	3	1
Case 63	22	18,610,798	18,900,868	2	0	2	1
Case 63	22	18,901,004	19,196,615	3	0	3	1
Case 63	22	19,197,949	20,163,070	2	0	2	1
Case 63	22	20,165,632	21,387,967	3	0	3	1
Case 63	22	21,392,943	23,412,017	2	0	2	1
Case 63	22	23,416,005	23,506,826	3	0	3	1
Case 63	22	23,521,094	23,930,279	2	0	2	1
Case 63	22	23,931,845	23,995,056	3	0	3	1
Case 63	22	23,996,463	24,237,074	2	0	2	1
Case 63	22	24,240,340	24,313,804	3	0	3	1
Case 63	22	24,314,006	24,582,041	2	0	2	1
Case 63	22	24,582,080	24,666,340	3	0	3	1
Case 63	22	24,681,555	24,837,236	2	0	2	1
Case 63	22	24,837,424	24,954,832	3	0	3	1
Case 63	22	24,958,116	25,282,688	2	0	2	1
Case 63	22	25,282,765	26,222,454	3	0	3	1
Case 63	22	26,224,825	26,422,794	2	0	2	1
Case 63	22	26,422,980	26,666,246	3	0	3	1
Case 63	22	26,666,611	26,734,141	2	0	2	1
Case 63	22	26,735,765	26,738,011	3	0	3	1
Case 63	22	26,738,225	26,902,388	2	0	2	1
Case 63	22	26,902,835	27,701,317	3	0	3	1
Case 63	22	27,708,313	27,792,588	2	0	2	1
Case 63	22	27,792,672	28,404,167	3	0	3	1
Case 63	22	28,408,444	32,714,214	2	0	2	1
Case 63	22	32,719,246	33,468,005	3	0	3	1
Case 63	22	33,468,109	33,903,083	2	0	2	1
Case 63	22	33,904,754	34,546,503	3	0	3	1
Case 63	22	34,548,442	35,694,893	2	0	2	1

Case 63	22	35,711,098	37,153,727	3	0	3	1
Case 63	22	37,154,413	38,988,344	2	0	2	1
Case 63	22	38,991,393	39,082,174	3	0	3	1
Case 63	22	39,085,085	39,320,828	2	0	2	1
Case 63	22	39,322,264	39,712,936	3	0	3	1
Case 63	22	39,714,440	40,059,828	2	0	2	1
Case 63	22	40,061,683	40,137,410	3	0	3	1
Case 63	22	40,137,600	41,169,975	2	0	2	1
Case 63	22	41,169,984	42,151,555	3	0	3	1
Case 63	22	42,152,988	42,518,426	2	0	2	1
Case 63	22	42,522,638	42,694,220	3	0	3	1
Case 63	22	42,696,005	42,965,644	2	0	2	1
Case 63	22	42,968,465	43,270,819	3	0	3	1
Case 63	22	43,275,082	43,627,949	2	0	2	1
Case 63	22	43,631,352	43,843,065	3	0	3	1
Case 63	22	43,845,708	44,459,445	2	0	2	1
Case 63	22	44,466,550	44,577,150	3	0	3	1
Case 63	22	44,579,253	44,753,508	2	0	2	1
Case 63	22	44,756,673	45,182,084	3	0	3	1
Case 63	22	45,182,361	45,276,346	2	0	2	1
Case 63	22	45,277,702	45,437,092	3	0	3	1
Case 63	22	45,438,091	45,894,122	2	0	2	1
Case 63	22	45,897,997	46,079,215	3	0	3	1
Case 63	22	46,083,024	46,581,505	2	0	2	1
Case 63	22	46,582,741	46,930,313	3	0	3	1
Case 63	22	46,930,318	48,445,221	2	0	2	1
Case 63	22	48,448,031	48,538,763	3	0	3	1
Case 63	22	48,539,054	49,749,712	2	0	2	1
Case 63	22	49,750,406	49,930,455	3	0	3	1
Case 63	22	49,932,138	51,195,728	2	0	2	1
Case 64	1	82,154	82,154	1	1	2	0
Case 64	1	752,566	854,250	4	0	4	1
Case 64	1	861,349	1,221,459	1	1	2	0
Case 64	1	1,221,530	1,275,882	1	0	1	0
Case 64	1	1,275,883	111,531,126	1	1	2	0
Case 64	1	111,543,527	111,789,004	2	0	2	1
Case 64	1	111,789,610	121,346,616	1	1	2	0
Case 64	1	142,649,718	146,634,514	1	1	2	0
Case 64	1	146,638,152	147,807,277	2	1	3	0
Case 64	1	147,808,631	152,327,377	1	1	2	0
Case 64	1	152,327,404	153,913,699	2	1	3	0
Case 64	1	153,914,514	154,326,279	1	1	2	0
Case 64	1	154,326,366	156,462,848	2	1	3	0
Case 64	1	156,472,214	156,838,333	1	1	2	0
Case 64	1	156,838,353	157,402,121	2	1	3	0
Case 64	1	157,402,171	159,103,988	1	1	2	0
Case 64	1	159,116,681	160,302,298	2	1	3	0
Case 64	1	160,303,416	186,120,461	1	1	2	0
Case 64	1	186,121,996	186,281,696	2	1	3	0
Case 64	1	186,282,840	219,867,194	1	1	2	0
Case 64	1	219,867,786	222,456,692	2	1	3	0
Case 64	1	222,466,162	224,156,739	1	1	2	0
Case 64	1	224,216,822	226,933,722	2	1	3	0
Case 64	1	226,947,468	228,139,672	1	1	2	0
Case 64	1	228,140,460	228,602,361	2	0	2	1
Case 64	1	228,602,452	232,953,612	2	1	3	0
Case 64	1	232,954,826	234,529,570	1	1	2	0
Case 64	1	234,531,009	235,115,509	2	1	3	0
Case 64	1	235,117,291	238,690,302	1	1	2	0
Case 64	1	238,693,830	240,933,895	2	1	3	0
Case 64	1	240,934,837	241,854,809	3	1	4	0

Case 64	1	241,855,644	241,855,644	2	1	3	0
Case 64	1	241,862,049	248,079,963	1	1	2	0
Case 64	1	248,082,848	249,218,992	2	1	3	0
Case 64	2	18,674	33,012	1	1	2	0
Case 64	2	34,049	2,043,349	2	0	2	1
Case 64	2	2,047,397	2,836,350	1	1	2	0
Case 64	2	2,838,270	3,079,021	2	0	2	1
Case 64	2	3,079,180	3,837,303	1	1	2	0
Case 64	2	3,838,080	5,403,383	2	0	2	1
Case 64	2	5,407,073	6,052,307	1	1	2	0
Case 64	2	6,056,656	6,482,511	2	0	2	1
Case 64	2	6,485,953	9,611,524	1	1	2	0
Case 64	2	9,611,549	12,248,589	2	0	2	1
Case 64	2	12,252,350	12,339,714	1	1	2	0
Case 64	2	12,342,726	13,628,120	2	0	2	1
Case 64	2	13,634,635	14,690,675	1	1	2	0
Case 64	2	14,691,035	19,657,569	2	0	2	1
Case 64	2	19,663,338	20,009,261	1	1	2	0
Case 64	2	20,009,456	23,083,158	2	0	2	1
Case 64	2	23,091,376	23,707,766	1	1	2	0
Case 64	2	23,710,164	28,766,083	2	0	2	1
Case 64	2	28,766,107	29,287,227	1	1	2	0
Case 64	2	29,287,229	33,752,261	2	0	2	1
Case 64	2	33,752,435	35,480,663	1	1	2	0
Case 64	2	35,482,278	37,872,871	2	0	2	1
Case 64	2	37,872,878	38,298,394	2	1	3	0
Case 64	2	38,298,744	40,392,095	1	1	2	0
Case 64	2	40,392,123	44,993,487	2	0	2	1
Case 64	2	44,993,630	45,332,395	1	1	2	0
Case 64	2	45,334,074	48,584,474	2	0	2	1
Case 64	2	48,585,963	49,857,266	1	1	2	0
Case 64	2	49,857,536	56,130,640	2	0	2	1
Case 64	2	56,133,040	56,708,945	1	1	2	0
Case 64	2	56,712,426	58,592,685	2	0	2	1
Case 64	2	58,597,957	59,941,799	1	1	2	0
Case 64	2	59,947,184	60,805,397	2	1	3	0
Case 64	2	60,811,584	62,662,704	1	1	2	0
Case 64	2	62,666,178	64,445,563	2	0	2	1
Case 64	2	64,453,486	65,540,949	1	1	2	0
Case 64	2	65,540,986	66,221,977	2	1	3	0
Case 64	2	66,228,539	66,703,251	1	1	2	0
Case 64	2	66,705,785	70,905,997	2	0	2	1
Case 64	2	70,906,074	71,292,664	1	1	2	0
Case 64	2	71,294,128	78,900,269	2	0	2	1
Case 64	2	78,914,837	79,784,187	1	1	2	0
Case 64	2	79,785,810	92,081,640	2	0	2	1
Case 64	2	95,429,424	101,949,770	2	0	2	1
Case 64	2	101,949,911	103,120,769	1	1	2	0
Case 64	2	103,121,372	104,995,800	2	0	2	1
Case 64	2	104,998,427	108,549,097	1	1	2	0
Case 64	2	108,555,725	110,024,153	2	0	2	1
Case 64	2	110,026,466	111,907,691	1	1	2	0
Case 64	2	111,908,262	116,453,722	2	0	2	1
Case 64	2	116,454,257	118,814,868	1	1	2	0
Case 64	2	118,815,958	119,965,951	2	1	3	0
Case 64	2	119,968,031	120,640,084	1	1	2	0
Case 64	2	120,658,328	123,327,494	2	0	2	1
Case 64	2	123,330,570	134,274,625	1	1	2	0
Case 64	2	134,282,346	141,762,276	2	0	2	1
Case 64	2	141,762,830	144,147,475	1	1	2	0
Case 64	2	144,155,919	173,796,835	2	0	2	1



Case 64	2	173,801,439	174,769,344	2	1	3	0
Case 64	2	174,772,446	204,245,066	2	0	2	1
Case 64	2	204,253,608	207,310,135	2	1	3	0
Case 64	2	207,310,170	213,929,286	2	0	2	1
Case 64	2	213,933,250	215,546,304	1	1	2	0
Case 64	2	215,562,577	220,697,602	2	0	2	1
Case 64	2	220,698,125	222,211,083	1	1	2	0
Case 64	2	222,213,043	225,266,040	2	0	2	1
Case 64	2	225,266,139	228,010,257	1	1	2	0
Case 64	2	228,012,150	228,925,898	2	0	2	1
Case 64	2	228,928,690	231,118,186	1	1	2	0
Case 64	2	231,119,264	238,863,455	2	0	2	1
Case 64	2	238,867,059	240,858,490	1	1	2	0
Case 64	2	240,862,048	243,048,760	2	0	2	1
Case 64	3	61,495	90,442,925	1	1	2	0
Case 64	3	93,537,290	197,838,262	1	1	2	0
Case 64	4	71,566	1,643,123	1	1	2	0
Case 64	4	1,643,204	2,307,121	1	0	1	0
Case 64	4	2,307,177	49,620,898	1	1	2	0
Case 64	4	52,697,856	69,859,702	1	1	2	0
Case 64	4	69,860,688	70,463,854	1	0	1	0
Case 64	4	70,464,413	133,703,268	1	1	2	0
Case 64	4	133,707,298	137,124,831	1	0	1	0
Case 64	4	137,136,262	161,366,230	1	1	2	0
Case 64	4	161,366,623	162,080,425	1	0	1	0
Case 64	4	162,082,401	190,963,766	1	1	2	0
Case 64	5	38,139	25,419,907	1	1	2	0
Case 64	5	25,420,089	26,942,758	1	0	1	0
Case 64	5	26,944,286	46,399,093	1	1	2	0
Case 64	5	49,457,282	140,553,663	1	1	2	0
Case 64	5	140,553,664	140,558,618	4	0	4	1
Case 64	5	140,559,849	180,693,127	1	1	2	0
Case 64	6	108,666	20,546,703	1	1	2	0
Case 64	6	20,546,745	20,940,379	2	1	3	0
Case 64	6	20,943,232	32,449,411	1	1	2	0
Case 64	6	32,450,089	32,657,578	2	0	2	1
Case 64	6	32,658,079	43,484,912	1	1	2	0
Case 64	6	43,485,090	43,501,664	4	0	4	1
Case 64	6	43,512,034	58,752,089	1	1	2	0
Case 64	6	61,891,118	170,980,171	1	1	2	0
Case 64	7	44,935	58,019,061	1	1	2	0
Case 64	7	61,056,053	89,611,841	1	1	2	0
Case 64	7	89,621,311	89,976,051	2	1	3	0
Case 64	7	89,979,227	149,486,333	1	1	2	0
Case 64	7	149,486,367	149,522,165	1	0	1	0
Case 64	7	149,522,366	159,119,486	1	1	2	0
Case 64	8	164,984	6,909,881	1	1	2	0
Case 64	8	6,911,732	8,235,180	1	0	1	0
Case 64	8	8,235,191	43,791,691	1	1	2	0
Case 64	8	46,886,735	94,915,411	1	1	2	0
Case 64	8	94,922,985	95,299,950	2	1	3	0
Case 64	8	95,303,456	96,739,885	1	1	2	0
Case 64	8	96,742,830	97,339,251	2	1	3	0
Case 64	8	97,342,090	101,934,971	1	1	2	0
Case 64	8	101,937,057	103,071,053	2	1	3	0
Case 64	8	103,071,366	124,734,801	1	1	2	0
Case 64	8	124,741,583	131,833,036	2	1	3	0
Case 64	8	131,835,318	146,293,414	1	1	2	0
Case 64	9	46,587	29,309,713	1	1	2	0
Case 64	9	29,313,166	31,004,169	1	0	1	0
Case 64	9	31,018,578	46,944,322	1	1	2	0

Case 64	9	65,629,772	139,230,523	1	1	2	0
Case 64	9	139,231,489	139,278,407	1	0	1	0
Case 64	9	139,279,173	140,008,443	1	1	2	0
Case 64	9	140,008,750	140,391,659	1	0	1	0
Case 64	9	140,391,722	141,066,491	1	1	2	0
Case 64	10	98,087	39,097,912	1	1	2	0
Case 64	10	42,436,301	134,852,702	1	1	2	0
Case 64	10	134,858,046	135,116,393	1	0	1	0
Case 64	10	135,121,732	135,477,883	1	1	2	0
Case 64	11	193,146	494,662	1	1	2	0
Case 64	11	494,731	836,820	1	0	1	0
Case 64	11	837,257	51,591,253	1	1	2	0
Case 64	11	54,794,237	64,557,866	1	1	2	0
Case 64	11	64,559,402	64,822,078	1	0	1	0
Case 64	11	64,822,127	66,766,754	1	1	2	0
Case 64	11	66,773,581	68,964,278	3	0	3	1
Case 64	11	68,967,641	69,563,733	5	0	5	1
Case 64	11	69,566,488	71,018,309	3	0	3	1
Case 64	11	71,019,412	127,792,983	1	1	2	0
Case 64	11	127,795,846	129,904,497	2	1	3	0
Case 64	11	129,906,366	134,934,063	1	1	2	0
Case 64	12	191,619	4,179,258	1	1	2	0
Case 64	12	4,180,351	4,243,749	7	0	7	1
Case 64	12	4,253,697	34,853,011	1	1	2	0
Case 64	12	37,876,400	131,793,372	1	1	2	0
Case 64	12	131,797,608	131,816,213	4	0	4	1
Case 64	12	131,818,420	133,810,935	1	1	2	0
Case 64	13	19,058,717	115,103,529	1	1	2	0
Case 64	14	19,280,733	20,426,742	1	0	1	0
Case 64	14	20,432,664	22,715,158	1	1	2	0
Case 64	14	22,718,399	22,957,488	2	2	4	0
Case 64	14	22,957,900	107,287,663	1	1	2	0
Case 64	15	20,034,919	22,876,889	1	0	1	0
Case 64	15	22,882,240	27,465,102	1	1	2	0
Case 64	15	27,466,391	33,894,495	2	0	2	1
Case 64	15	33,895,503	34,198,177	1	1	2	0
Case 64	15	34,198,564	37,817,473	2	0	2	1
Case 64	15	37,819,624	38,105,689	1	1	2	0
Case 64	15	38,106,163	39,179,321	2	1	3	0
Case 64	15	39,179,357	49,793,281	2	0	2	1
Case 64	15	49,794,020	51,593,370	1	1	2	0
Case 64	15	51,593,989	54,548,816	2	0	2	1
Case 64	15	54,549,055	55,475,527	1	1	2	0
Case 64	15	55,480,933	61,055,432	2	0	2	1
Case 64	15	61,057,064	61,533,501	1	1	2	0
Case 64	15	61,544,803	74,625,121	2	0	2	1
Case 64	15	74,625,151	75,656,978	1	1	2	0
Case 64	15	75,657,071	78,908,032	2	0	2	1
Case 64	15	78,909,414	79,550,410	1	1	2	0
Case 64	15	79,550,907	95,888,269	2	0	2	1
Case 64	15	95,889,251	96,729,286	1	1	2	0
Case 64	15	96,729,928	102,461,162	2	0	2	1
Case 64	16	88,165	35,285,582	1	1	2	0
Case 64	16	46,450,037	72,110,529	1	1	2	0
Case 64	16	72,110,589	74,071,207	2	1	3	0
Case 64	16	74,073,632	77,845,331	1	1	2	0
Case 64	16	77,845,665	78,458,750	2	1	3	0
Case 64	16	78,458,774	79,437,209	1	1	2	0
Case 64	16	79,439,035	80,563,695	2	1	3	0
Case 64	16	80,568,573	84,902,717	1	1	2	0
Case 64	16	84,903,209	85,179,401	2	0	2	1

Case 64	16	85,179,660	90,274,695	1	1	2	0
Case 64	17	11,885	22,242,355	1	1	2	0
Case 64	17	25,268,142	25,444,829	1	1	2	0
Case 64	17	25,446,389	25,923,170	2	0	2	1
Case 64	17	25,924,596	37,101,228	1	1	2	0
Case 64	17	37,101,367	37,830,282	2	0	2	1
Case 64	17	37,830,888	57,334,510	1	1	2	0
Case 64	17	57,335,131	58,638,515	2	0	2	1
Case 64	17	58,641,118	67,084,341	1	1	2	0
Case 64	17	67,084,360	67,502,138	2	0	2	1
Case 64	17	67,513,003	68,499,953	1	1	2	0
Case 64	17	68,506,237	69,008,416	2	0	2	1
Case 64	17	69,009,434	70,299,817	1	1	2	0
Case 64	17	70,299,958	70,534,472	2	1	3	0
Case 64	17	70,538,293	73,748,568	1	1	2	0
Case 64	17	73,748,643	74,004,817	1	0	1	0
Case 64	17	74,004,839	79,094,162	1	1	2	0
Case 64	17	79,094,438	79,621,160	1	0	1	0
Case 64	17	79,622,899	81,060,040	1	1	2	0
Case 64	18	87,505	15,375,878	1	1	2	0
Case 64	18	18,520,354	78,015,180	1	1	2	0
Case 64	19	260,912	428,608	1	1	2	0
Case 64	19	430,690	2,430,232	1	0	1	0
Case 64	19	2,431,272	3,511,709	1	1	2	0
Case 64	19	3,523,055	5,497,748	1	0	1	0
Case 64	19	5,499,247	8,038,656	1	1	2	0
Case 64	19	8,039,726	8,203,091	1	0	1	0
Case 64	19	8,203,106	9,226,017	1	1	2	0
Case 64	19	9,226,055	10,089,269	1	0	1	0
Case 64	19	10,091,365	11,501,240	1	1	2	0
Case 64	19	11,502,291	12,589,174	1	0	1	0
Case 64	19	12,589,502	13,678,320	1	1	2	0
Case 64	19	13,680,764	14,203,542	1	0	1	0
Case 64	19	14,208,782	15,564,993	1	1	2	0
Case 64	19	15,565,046	16,842,052	2	0	2	1
Case 64	19	16,843,244	17,575,302	1	1	2	0
Case 64	19	17,575,610	24,629,285	2	0	2	1
Case 64	19	27,732,159	28,238,570	2	0	2	1
Case 64	19	28,243,423	58,453,505	1	1	2	0
Case 64	19	58,453,949	59,021,337	2	1	3	0
Case 64	19	59,021,347	59,097,160	1	1	2	0
Case 64	20	63,244	16,500,093	1	1	2	0
Case 64	20	16,506,016	16,844,694	2	1	3	0
Case 64	20	16,845,525	26,293,985	1	1	2	0
Case 64	20	29,425,357	29,847,314	1	1	2	0
Case 64	20	29,847,402	34,830,651	2	1	3	0
Case 64	20	34,832,666	35,696,572	1	1	2	0
Case 64	20	35,696,591	39,577,602	2	1	3	0
Case 64	20	39,577,742	40,029,749	1	1	2	0
Case 64	20	40,031,293	54,566,060	2	1	3	0
Case 64	20	54,569,075	55,261,684	1	1	2	0
Case 64	20	55,267,300	60,598,060	2	1	3	0
Case 64	20	60,621,202	62,948,788	1	1	2	0
Case 64	21	10,827,533	10,971,337	1	0	1	0
Case 64	21	14,368,320	15,863,974	1	0	1	0
Case 64	21	15,864,345	19,162,434	1	1	2	0
Case 64	21	19,163,707	26,332,318	1	0	1	0
Case 64	21	26,339,692	34,180,921	1	1	2	0
Case 64	21	34,183,884	36,125,530	3	0	3	1
Case 64	21	36,125,597	47,551,909	1	1	2	0
Case 64	21	47,551,934	48,100,155	1	0	1	0

Case 64	22	16,114,244	24,919,586	1	1	2	0
Case 64	22	24,919,647	25,187,544	2	0	2	1
Case 64	22	25,189,055	38,042,916	1	1	2	0
Case 64	22	38,042,938	38,487,029	1	0	1	0
Case 64	22	38,492,883	50,621,268	1	1	2	0
Case 64	22	50,625,166	50,943,389	1	0	1	0
Case 64	22	50,943,423	51,195,728	1	1	2	0
Case 65	1	82,154	4,981,107	2	1	3	0
Case 65	1	4,981,503	6,411,024	2	0	2	1
Case 65	1	6,414,084	93,142,719	2	1	3	0
Case 65	1	93,142,746	94,115,299	2	0	2	1
Case 65	1	94,118,883	121,346,616	2	1	3	0
Case 65	1	142,649,718	249,218,992	2	1	3	0
Case 65	2	18,674	66,953,286	2	2	4	0
Case 65	2	66,954,363	67,515,512	3	0	3	1
Case 65	2	67,520,850	68,342,443	2	0	2	1
Case 65	2	68,343,030	89,931,911	2	2	4	0
Case 65	2	90,010,895	92,081,640	2	0	2	1
Case 65	2	95,429,424	95,440,352	2	0	2	1
Case 65	2	95,444,917	126,477,788	2	2	4	0
Case 65	2	126,488,824	127,905,004	2	0	2	1
Case 65	2	127,905,440	137,506,665	2	2	4	0
Case 65	2	137,508,544	137,980,318	2	0	2	1
Case 65	2	137,981,047	243,048,760	2	2	4	0
Case 65	3	61,495	172,906	2	2	4	0
Case 65	3	174,816	710,880	2	0	2	1
Case 65	3	712,551	50,513,553	2	2	4	0
Case 65	3	50,513,566	50,968,897	2	1	3	0
Case 65	3	50,998,816	52,116,714	2	2	4	0
Case 65	3	52,121,297	55,059,102	3	0	3	1
Case 65	3	55,062,852	56,307,703	2	0	2	1
Case 65	3	56,320,980	57,235,585	3	0	3	1
Case 65	3	57,237,221	57,961,370	2	0	2	1
Case 65	3	57,965,749	58,061,608	3	0	3	1
Case 65	3	58,062,775	59,741,758	2	2	4	0
Case 65	3	59,749,703	60,066,360	2	0	2	1
Case 65	3	60,069,722	90,442,925	2	2	4	0
Case 65	3	93,537,290	197,838,262	2	2	4	0
Case 65	4	71,566	331,372	2	2	4	0
Case 65	4	333,310	437,166	2	0	2	1
Case 65	4	437,720	49,620,898	2	2	4	0
Case 65	4	52,697,856	55,564,644	2	2	4	0
Case 65	4	55,565,445	55,992,366	3	0	3	1
Case 65	4	55,997,340	57,176,832	2	0	2	1
Case 65	4	57,178,227	57,687,304	3	0	3	1
Case 65	4	57,690,713	74,605,532	2	0	2	1
Case 65	4	74,606,375	75,993,726	3	0	3	1
Case 65	4	75,996,025	77,317,124	2	0	2	1
Case 65	4	77,317,607	77,660,829	3	0	3	1
Case 65	4	77,660,860	78,106,441	2	0	2	1
Case 65	4	78,115,334	79,396,667	3	0	3	1
Case 65	4	79,398,481	88,707,081	2	0	2	1
Case 65	4	88,709,783	89,023,224	3	0	3	1
Case 65	4	89,026,109	90,125,419	2	0	2	1
Case 65	4	90,126,051	90,674,431	3	0	3	1
Case 65	4	90,678,541	91,469,221	2	0	2	1
Case 65	4	91,475,787	91,591,467	0	0	0	0
Case 65	4	91,606,389	96,294,936	2	0	2	1
Case 65	4	96,295,569	96,388,651	3	0	3	1
Case 65	4	96,390,834	111,265,491	2	0	2	1
Case 65	4	111,267,671	111,968,478	3	0	3	1

Case 65	4	111,980,281	120,192,469	2	0	2	1
Case 65	4	120,192,525	120,775,448	3	0	3	1
Case 65	4	120,776,279	139,300,738	2	0	2	1
Case 65	4	139,301,684	141,231,258	3	0	3	1
Case 65	4	141,234,930	146,501,892	2	0	2	1
Case 65	4	146,503,099	147,454,992	3	0	3	1
Case 65	4	147,464,245	148,025,559	2	0	2	1
Case 65	4	148,029,669	148,440,625	3	0	3	1
Case 65	4	148,441,139	153,945,320	2	0	2	1
Case 65	4	153,946,010	154,017,964	3	0	3	1
Case 65	4	154,020,068	154,769,052	2	0	2	1
Case 65	4	154,769,597	155,451,527	3	0	3	1
Case 65	4	155,451,759	164,436,508	2	0	2	1
Case 65	4	164,436,515	164,865,947	3	0	3	1
Case 65	4	164,870,129	166,591,321	2	0	2	1
Case 65	4	166,592,304	167,259,818	3	0	3	1
Case 65	4	167,263,766	168,798,179	2	0	2	1
Case 65	4	168,807,727	169,126,043	3	0	3	1
Case 65	4	169,133,758	169,419,849	2	0	2	1
Case 65	4	169,422,705	169,992,966	3	0	3	1
Case 65	4	169,993,004	170,754,412	2	0	2	1
Case 65	4	170,762,017	171,596,102	3	0	3	1
Case 65	4	171,603,479	183,661,413	2	0	2	1
Case 65	4	183,661,673	185,137,596	3	0	3	1
Case 65	4	185,138,905	185,973,097	2	0	2	1
Case 65	4	185,977,068	186,085,219	3	0	3	1
Case 65	4	186,085,260	186,383,415	2	0	2	1
Case 65	4	186,383,820	187,549,809	3	0	3	1
Case 65	4	187,549,883	190,963,766	2	0	2	1
Case 65	5	38,139	46,399,093	4	0	4	1
Case 65	5	49,457,282	83,756,654	4	0	4	1
Case 65	5	83,787,691	89,233,833	6	0	6	1
Case 65	5	89,234,380	89,287,150	5	0	5	1
Case 65	5	89,288,145	89,560,757	4	0	4	1
Case 65	5	89,573,928	95,407,894	6	0	6	1
Case 65	5	95,410,393	96,512,887	5	0	5	1
Case 65	5	96,512,888	99,302,219	6	0	6	1
Case 65	5	99,310,930	99,905,367	5	0	5	1
Case 65	5	99,913,203	108,066,842	6	0	6	1
Case 65	5	108,067,369	109,499,203	5	0	5	1
Case 65	5	109,502,028	110,781,537	6	0	6	1
Case 65	5	110,782,456	112,899,752	5	0	5	1
Case 65	5	112,899,767	115,378,630	6	0	6	1
Case 65	5	115,379,984	115,845,251	5	0	5	1
Case 65	5	115,845,585	117,139,928	6	0	6	1
Case 65	5	117,143,718	118,740,848	5	0	5	1
Case 65	5	118,743,494	121,184,992	6	0	6	1
Case 65	5	121,186,463	121,497,094	5	0	5	1
Case 65	5	121,497,706	127,622,476	6	0	6	1
Case 65	5	127,622,491	128,072,198	5	0	5	1
Case 65	5	128,077,002	132,151,071	6	0	6	1
Case 65	5	132,154,270	132,632,476	5	0	5	1
Case 65	5	132,633,880	133,146,042	6	0	6	1
Case 65	5	133,152,875	142,047,191	5	0	5	1
Case 65	5	142,047,909	143,249,879	6	0	6	1
Case 65	5	143,258,738	144,584,265	5	0	5	1
Case 65	5	144,585,367	145,808,408	6	0	6	1
Case 65	5	145,815,073	146,033,408	5	0	5	1
Case 65	5	146,034,749	147,714,496	6	0	6	1
Case 65	5	147,715,227	148,116,202	5	0	5	1
Case 65	5	148,116,653	148,318,559	6	0	6	1

Case 65	5	148,321,436	153,857,396	5	0	5	1
Case 65	5	153,857,407	154,142,057	6	0	6	1
Case 65	5	154,145,474	157,159,971	5	0	5	1
Case 65	5	157,161,603	159,103,367	6	0	6	1
Case 65	5	159,104,799	160,115,361	5	0	5	1
Case 65	5	160,115,779	162,039,311	6	0	6	1
Case 65	5	162,043,850	163,407,199	5	0	5	1
Case 65	5	163,407,778	164,672,406	6	0	6	1
Case 65	5	164,679,036	165,087,285	5	0	5	1
Case 65	5	165,093,364	166,025,196	6	0	6	1
Case 65	5	166,026,376	166,370,461	5	0	5	1
Case 65	5	166,373,903	167,173,269	6	0	6	1
Case 65	5	167,177,556	169,331,450	5	0	5	1
Case 65	5	169,332,156	169,488,692	6	0	6	1
Case 65	5	169,489,226	170,922,132	5	0	5	1
Case 65	5	170,923,152	172,412,674	6	0	6	1
Case 65	5	172,427,650	172,772,253	5	0	5	1
Case 65	5	172,772,751	173,002,143	6	0	6	1
Case 65	5	173,002,891	173,806,760	5	0	5	1
Case 65	5	173,810,054	174,863,502	6	0	6	1
Case 65	5	174,863,576	176,079,574	5	0	5	1
Case 65	5	176,079,877	176,221,957	6	0	6	1
Case 65	5	176,235,075	179,393,923	5	0	5	1
Case 65	5	179,393,926	179,707,528	6	0	6	1
Case 65	5	179,712,060	180,693,127	5	0	5	1
Case 65	6	108,666	417,727	3	0	3	1
Case 65	6	421,317	696,058	2	0	2	1
Case 65	6	697,754	1,055,655	3	0	3	1
Case 65	6	1,056,155	1,908,210	2	0	2	1
Case 65	6	1,910,108	1,910,108	3	0	3	1
Case 65	6	1,913,138	1,913,138	2	0	2	1
Case 65	6	1,915,129	1,921,848	3	0	3	1
Case 65	6	1,926,650	2,139,450	1	0	1	0
Case 65	6	2,145,136	4,497,145	3	0	3	1
Case 65	6	4,499,029	5,364,290	2	0	2	1
Case 65	6	5,366,604	6,836,159	3	0	3	1
Case 65	6	6,839,192	6,882,117	2	0	2	1
Case 65	6	6,883,618	10,464,025	2	1	3	0
Case 65	6	10,466,038	11,590,140	2	0	2	1
Case 65	6	11,598,281	13,332,467	3	0	3	1
Case 65	6	13,336,815	13,391,155	2	0	2	1
Case 65	6	13,391,347	21,913,741	2	1	3	0
Case 65	6	21,921,026	22,202,725	2	0	2	1
Case 65	6	22,203,977	22,709,430	3	0	3	1
Case 65	6	22,709,628	23,559,581	2	0	2	1
Case 65	6	23,562,269	24,456,841	3	0	3	1
Case 65	6	24,460,508	25,343,805	2	0	2	1
Case 65	6	25,346,334	25,977,361	3	0	3	1
Case 65	6	25,983,905	26,338,434	2	0	2	1
Case 65	6	26,341,030	26,505,297	2	1	3	0
Case 65	6	26,505,362	27,154,361	2	0	2	1
Case 65	6	27,157,407	27,662,395	2	1	3	0
Case 65	6	27,668,013	29,407,955	2	0	2	1
Case 65	6	29,407,961	29,455,357	2	1	3	0
Case 65	6	29,455,505	29,455,599	3	0	3	1
Case 65	6	29,456,021	30,021,740	2	0	2	1
Case 65	6	30,022,153	30,022,153	3	0	3	1
Case 65	6	30,022,425	30,089,428	2	1	3	0
Case 65	6	30,090,820	30,285,883	2	0	2	1
Case 65	6	30,286,729	30,418,662	2	1	3	0
Case 65	6	30,418,966	30,993,635	2	2	4	0

Case 65	6	30,993,776	31,257,012	2	1	3	0
Case 65	6	31,257,622	32,188,640	2	2	4	0
Case 65	6	32,188,727	34,004,293	2	1	3	0
Case 65	6	34,006,958	34,008,464	3	0	3	1
Case 65	6	34,015,765	34,153,441	2	0	2	1
Case 65	6	34,158,331	35,994,088	3	0	3	1
Case 65	6	36,006,220	36,075,219	2	0	2	1
Case 65	6	36,075,326	36,422,789	2	1	3	0
Case 65	6	36,432,705	36,976,637	2	2	4	0
Case 65	6	36,976,649	42,890,602	2	1	3	0
Case 65	6	42,890,858	42,930,827	2	0	2	1
Case 65	6	42,931,340	44,526,440	3	0	3	1
Case 65	6	44,533,311	46,658,792	2	0	2	1
Case 65	6	46,658,819	47,340,783	3	0	3	1
Case 65	6	47,345,847	47,649,222	2	0	2	1
Case 65	6	47,649,265	48,162,231	3	0	3	1
Case 65	6	48,205,919	49,819,844	2	0	2	1
Case 65	6	49,823,814	52,585,532	3	0	3	1
Case 65	6	52,586,253	52,975,039	2	0	2	1
Case 65	6	52,976,317	53,960,803	3	0	3	1
Case 65	6	53,961,513	58,752,089	2	0	2	1
Case 65	6	61,891,118	105,991,031	2	0	2	1
Case 65	6	105,991,917	106,905,415	3	0	3	1
Case 65	6	106,907,560	106,987,370	2	0	2	1
Case 65	6	106,988,018	108,121,953	3	0	3	1
Case 65	6	108,127,875	108,975,562	2	0	2	1
Case 65	6	108,981,117	109,274,276	3	0	3	1
Case 65	6	109,274,381	110,729,270	2	0	2	1
Case 65	6	110,729,973	110,851,976	3	0	3	1
Case 65	6	110,853,510	111,784,919	2	0	2	1
Case 65	6	111,809,796	112,773,200	3	0	3	1
Case 65	6	112,775,377	133,014,231	2	0	2	1
Case 65	6	133,014,623	133,481,191	3	0	3	1
Case 65	6	133,481,445	136,471,800	2	0	2	1
Case 65	6	136,475,578	136,760,581	3	0	3	1
Case 65	6	136,765,459	143,057,547	2	0	2	1
Case 65	6	143,058,408	143,332,882	3	0	3	1
Case 65	6	143,333,317	150,226,059	2	0	2	1
Case 65	6	150,232,879	150,558,985	3	0	3	1
Case 65	6	150,561,826	151,670,338	2	0	2	1
Case 65	6	151,670,449	151,790,003	3	0	3	1
Case 65	6	151,790,096	152,293,905	2	0	2	1
Case 65	6	152,298,435	152,510,466	3	0	3	1
Case 65	6	152,511,420	154,727,538	2	0	2	1
Case 65	6	154,727,599	155,760,195	3	0	3	1
Case 65	6	155,761,124	157,405,930	2	0	2	1
Case 65	6	157,406,462	158,510,956	3	0	3	1
Case 65	6	158,510,970	159,458,022	2	0	2	1
Case 65	6	159,458,024	160,635,886	2	1	3	0
Case 65	6	160,637,192	161,875,189	2	2	4	0
Case 65	6	161,882,221	166,662,128	2	0	2	1
Case 65	6	166,665,154	168,440,753	3	0	3	1
Case 65	6	168,440,832	169,039,497	2	0	2	1
Case 65	6	169,039,594	169,451,803	3	0	3	1
Case 65	6	169,454,921	170,980,171	2	0	2	1
Case 65	7	44,935	715,722	3	0	3	1
Case 65	7	716,867	57,488,782	2	2	4	0
Case 65	7	57,491,887	58,019,061	2	1	3	0
Case 65	7	61,056,053	65,300,423	2	1	3	0
Case 65	7	65,326,821	100,490,980	2	2	4	0
Case 65	7	100,490,981	100,685,727	3	0	3	1

Case 65	7	100,685,742	159,119,486	2	2	4	0
Case 65	8	164,984	224,666	4	0	4	1
Case 65	8	229,694	4,433,995	4	1	5	0
Case 65	8	4,434,168	4,556,148	4	0	4	1
Case 65	8	4,557,773	10,464,755	4	1	5	0
Case 65	8	10,465,063	10,506,113	4	0	4	1
Case 65	8	10,506,207	17,130,582	4	1	5	0
Case 65	8	17,132,243	17,290,124	4	0	4	1
Case 65	8	17,290,628	19,249,622	4	1	5	0
Case 65	8	19,250,891	19,625,464	4	0	4	1
Case 65	8	19,625,912	27,528,765	4	1	5	0
Case 65	8	27,529,639	28,001,680	4	0	4	1
Case 65	8	28,003,774	32,499,740	4	1	5	0
Case 65	8	32,501,987	33,422,507	4	0	4	1
Case 65	8	33,443,076	37,508,666	4	1	5	0
Case 65	8	37,532,163	37,766,837	4	0	4	1
Case 65	8	37,783,176	38,419,633	4	1	5	0
Case 65	8	38,423,868	39,042,042	4	0	4	1
Case 65	8	39,052,223	41,397,254	4	1	5	0
Case 65	8	41,399,354	43,791,691	4	0	4	1
Case 65	8	46,886,735	50,233,005	4	1	5	0
Case 65	8	50,235,530	51,125,276	4	0	4	1
Case 65	8	51,125,957	52,097,911	4	1	5	0
Case 65	8	52,100,048	52,486,885	4	0	4	1
Case 65	8	52,493,581	58,780,481	4	1	5	0
Case 65	8	58,784,889	59,514,651	4	0	4	1
Case 65	8	59,514,679	68,904,848	4	1	5	0
Case 65	8	68,906,392	69,002,938	4	0	4	1
Case 65	8	69,002,965	105,268,769	4	1	5	0
Case 65	8	105,278,802	106,041,827	4	0	4	1
Case 65	8	106,052,343	109,921,525	4	1	5	0
Case 65	8	109,923,059	110,689,378	4	0	4	1
Case 65	8	110,691,429	135,215,172	4	1	5	0
Case 65	8	135,217,316	135,768,759	4	0	4	1
Case 65	8	135,769,607	146,293,414	4	1	5	0
Case 65	9	46,587	5,185,550	3	0	3	1
Case 65	9	5,185,569	5,335,408	2	0	2	1
Case 65	9	5,335,470	6,170,162	3	0	3	1
Case 65	9	6,176,770	6,695,397	1	0	1	0
Case 65	9	6,695,472	9,077,607	3	0	3	1
Case 65	9	9,079,771	9,863,227	0	0	0	0
Case 65	9	9,863,613	10,546,814	3	0	3	1
Case 65	9	10,547,481	11,114,781	2	0	2	1
Case 65	9	11,116,389	17,564,267	3	0	3	1
Case 65	9	17,572,069	21,604,969	4	0	4	1
Case 65	9	21,606,566	21,626,573	5	0	5	1
Case 65	9	21,626,953	25,049,865	0	0	0	0
Case 65	9	25,068,476	28,805,269	3	0	3	1
Case 65	9	28,806,129	29,584,528	2	0	2	1
Case 65	9	29,586,738	46,944,322	3	0	3	1
Case 65	9	65,629,772	71,193,615	3	0	3	1
Case 65	9	71,196,376	81,634,304	4	0	4	1
Case 65	9	81,635,735	81,648,357	2	2	4	0
Case 65	9	81,651,602	103,835,968	3	0	3	1
Case 65	9	103,839,683	104,335,682	4	0	4	1
Case 65	9	104,335,754	141,066,491	3	0	3	1
Case 65	10	98,087	39,097,912	2	1	3	0
Case 65	10	42,436,301	135,477,883	2	1	3	0
Case 65	11	193,146	236,306	3	0	3	1
Case 65	11	237,087	308,180	2	0	2	1
Case 65	11	308,232	692,221	3	0	3	1



Case 65	11	694,881	838,672	2	0	2	1
Case 65	11	838,722	1,309,956	3	0	3	1
Case 65	11	1,309,985	1,861,761	2	0	2	1
Case 65	11	1,861,852	3,688,615	3	0	3	1
Case 65	11	3,688,617	4,592,718	2	0	2	1
Case 65	11	4,592,752	5,878,617	3	0	3	1
Case 65	11	5,878,628	5,934,737	5	0	5	1
Case 65	11	5,954,809	5,954,809	0	0	0	0
Case 65	11	5,959,757	8,280,938	3	0	3	1
Case 65	11	8,282,786	8,856,822	2	0	2	1
Case 65	11	8,859,384	9,389,542	3	0	3	1
Case 65	11	9,389,875	10,368,976	2	0	2	1
Case 65	11	10,370,420	13,248,255	3	0	3	1
Case 65	11	13,250,399	15,139,288	2	0	2	1
Case 65	11	15,149,784	16,062,814	3	0	3	1
Case 65	11	16,071,435	17,441,828	2	0	2	1
Case 65	11	17,442,460	18,267,005	3	0	3	1
Case 65	11	18,267,021	18,645,843	2	0	2	1
Case 65	11	18,649,798	20,160,965	3	0	3	1
Case 65	11	20,161,913	20,573,959	2	0	2	1
Case 65	11	20,574,079	21,207,667	3	0	3	1
Case 65	11	21,208,251	22,297,707	2	0	2	1
Case 65	11	22,301,215	22,613,389	3	0	3	1
Case 65	11	22,613,488	33,402,402	2	0	2	1
Case 65	11	33,406,776	35,874,466	3	0	3	1
Case 65	11	35,875,537	44,032,746	2	0	2	1
Case 65	11	44,032,955	44,958,869	3	0	3	1
Case 65	11	44,958,891	45,093,614	2	0	2	1
Case 65	11	45,098,100	45,756,960	3	0	3	1
Case 65	11	45,757,401	46,646,030	2	0	2	1
Case 65	11	46,648,461	48,457,439	3	0	3	1
Case 65	11	48,476,690	51,391,183	2	0	2	1
Case 65	11	51,391,587	51,591,253	2	1	3	0
Case 65	11	54,794,237	134,934,063	2	1	3	0
Case 65	12	191,619	34,853,011	3	0	3	1
Case 65	12	37,876,400	49,392,880	3	0	3	1
Case 65	12	49,396,691	49,398,862	0	0	0	0
Case 65	12	49,399,132	122,676,056	3	0	3	1
Case 65	12	122,676,079	122,717,469	2	0	2	1
Case 65	12	122,717,508	133,810,935	3	0	3	1
Case 65	13	19,058,717	36,464,481	2	2	4	0
Case 65	13	36,467,044	115,103,529	2	1	3	0
Case 65	14	19,280,733	20,443,751	4	0	4	1
Case 65	14	20,443,757	20,445,370	2	2	4	0
Case 65	14	20,445,618	22,755,575	2	1	3	0
Case 65	14	22,756,270	23,312,931	2	2	4	0
Case 65	14	23,313,596	107,287,663	2	1	3	0
Case 65	15	20,034,919	29,235,279	2	2	4	0
Case 65	15	29,238,202	29,493,154	2	0	2	1
Case 65	15	29,496,888	32,441,633	2	2	4	0
Case 65	15	32,443,813	32,443,813	3	0	3	1
Case 65	15	32,509,892	32,833,659	0	0	0	0
Case 65	15	32,908,419	32,908,419	3	0	3	1
Case 65	15	32,917,689	102,461,162	2	2	4	0
Case 65	16	88,165	3,139,448	4	0	4	1
Case 65	16	3,139,999	3,142,291	2	2	4	0
Case 65	16	3,146,285	4,163,779	3	0	3	1
Case 65	16	4,164,738	4,462,383	2	0	2	1
Case 65	16	4,463,315	8,862,990	3	0	3	1
Case 65	16	8,865,819	9,290,749	4	0	4	1
Case 65	16	9,295,537	9,318,621	5	0	5	1

Case 65	16	9,322,507	9,322,507	0	0	0	0
Case 65	16	9,325,087	19,083,312	3	0	3	1
Case 65	16	19,083,327	19,509,266	4	0	4	1
Case 65	16	19,509,600	19,547,959	2	2	4	0
Case 65	16	19,547,970	30,392,702	3	0	3	1
Case 65	16	30,392,886	31,580,272	4	0	4	1
Case 65	16	31,602,768	31,615,193	6	0	6	1
Case 65	16	31,628,382	31,664,747	5	0	5	1
Case 65	16	31,676,116	31,676,924	0	0	0	0
Case 65	16	31,682,532	32,608,438	3	0	3	1
Case 65	16	32,638,258	35,285,582	2	0	2	1
Case 65	16	46,450,037	47,727,381	2	0	2	1
Case 65	16	47,728,083	48,602,733	3	0	3	1
Case 65	16	48,609,395	49,302,826	2	0	2	1
Case 65	16	49,303,818	50,774,688	3	0	3	1
Case 65	16	50,777,302	51,803,936	2	0	2	1
Case 65	16	51,803,986	52,657,525	3	0	3	1
Case 65	16	52,659,350	53,844,579	2	0	2	1
Case 65	16	53,845,487	54,273,278	3	0	3	1
Case 65	16	54,274,020	54,747,840	2	0	2	1
Case 65	16	54,751,218	55,536,687	3	0	3	1
Case 65	16	55,536,723	55,864,452	2	0	2	1
Case 65	16	55,866,915	59,144,804	3	0	3	1
Case 65	16	59,171,239	65,601,729	2	0	2	1
Case 65	16	65,603,269	67,037,064	3	0	3	1
Case 65	16	67,037,445	68,156,733	2	0	2	1
Case 65	16	68,156,751	69,760,341	3	0	3	1
Case 65	16	69,763,778	70,721,883	2	0	2	1
Case 65	16	70,722,940	71,264,561	3	0	3	1
Case 65	16	71,272,827	72,078,907	2	0	2	1
Case 65	16	72,089,740	73,391,671	3	0	3	1
Case 65	16	73,392,951	73,523,352	2	0	2	1
Case 65	16	73,524,172	73,856,579	3	0	3	1
Case 65	16	73,867,002	74,905,986	2	0	2	1
Case 65	16	74,906,114	75,574,051	3	0	3	1
Case 65	16	75,574,052	77,044,820	2	0	2	1
Case 65	16	77,045,569	78,214,775	3	0	3	1
Case 65	16	78,215,909	78,420,775	2	0	2	1
Case 65	16	78,420,787	78,551,936	3	0	3	1
Case 65	16	78,551,953	78,946,211	2	0	2	1
Case 65	16	78,946,587	80,099,657	3	0	3	1
Case 65	16	80,108,831	80,802,048	2	0	2	1
Case 65	16	80,803,581	81,971,582	3	0	3	1
Case 65	16	81,971,677	82,495,757	2	0	2	1
Case 65	16	82,498,047	82,696,286	3	0	3	1
Case 65	16	82,696,350	83,084,131	2	0	2	1
Case 65	16	83,084,723	83,785,959	3	0	3	1
Case 65	16	83,787,395	84,209,080	2	0	2	1
Case 65	16	84,209,558	85,732,708	3	0	3	1
Case 65	16	85,736,429	86,409,396	2	0	2	1
Case 65	16	86,409,502	90,274,695	3	0	3	1
Case 65	17	11,885	6,165,601	2	2	4	0
Case 65	17	6,168,235	6,555,534	3	0	3	1
Case 65	17	6,556,326	6,943,266	2	0	2	1
Case 65	17	6,943,989	8,045,136	3	0	3	1
Case 65	17	8,045,140	8,132,763	2	0	2	1
Case 65	17	8,133,261	9,517,923	3	0	3	1
Case 65	17	9,525,429	9,575,948	2	2	4	0
Case 65	17	9,586,221	9,734,626	2	0	2	1
Case 65	17	9,734,656	10,274,000	3	0	3	1
Case 65	17	10,276,646	10,452,313	2	0	2	1

Case 65	17	10,462,605	11,721,344	3	0	3	1
Case 65	17	11,723,088	12,332,049	2	0	2	1
Case 65	17	12,336,342	12,657,844	3	0	3	1
Case 65	17	12,657,968	15,039,528	2	0	2	1
Case 65	17	15,044,804	15,058,991	0	0	0	0
Case 65	17	15,060,561	15,950,396	3	0	3	1
Case 65	17	15,950,400	16,842,991	2	0	2	1
Case 65	17	16,843,084	17,572,384	3	0	3	1
Case 65	17	17,580,119	17,722,503	2	0	2	1
Case 65	17	17,722,536	18,607,786	3	0	3	1
Case 65	17	18,618,644	22,242,355	2	2	4	0
Case 65	17	25,268,142	34,420,079	2	2	4	0
Case 65	17	34,430,336	34,432,735	3	0	3	1
Case 65	17	34,436,532	34,436,532	5	0	5	1
Case 65	17	34,436,708	34,597,521	6	0	6	1
Case 65	17	34,815,551	34,823,170	5	0	5	1
Case 65	17	34,825,482	34,825,482	0	0	0	0
Case 65	17	34,831,963	34,958,708	3	0	3	1
Case 65	17	34,959,002	81,060,040	2	2	4	0
Case 65	18	87,505	15,375,878	2	2	4	0
Case 65	18	18,520,354	26,162,481	2	2	4	0
Case 65	18	26,162,610	29,731,080	2	0	2	1
Case 65	18	29,739,230	30,036,543	3	0	3	1
Case 65	18	30,036,758	34,255,116	2	0	2	1
Case 65	18	34,255,177	35,931,078	3	0	3	1
Case 65	18	35,933,124	42,485,500	2	0	2	1
Case 65	18	42,485,524	46,523,950	3	0	3	1
Case 65	18	46,526,191	47,078,829	2	0	2	1
Case 65	18	47,083,106	48,141,359	3	0	3	1
Case 65	18	48,141,498	53,046,577	1	0	1	0
Case 65	18	53,048,885	53,778,970	3	0	3	1
Case 65	18	53,779,370	55,508,418	2	0	2	1
Case 65	18	55,510,452	56,667,515	3	0	3	1
Case 65	18	56,668,510	57,065,451	2	0	2	1
Case 65	18	57,066,182	57,127,057	3	0	3	1
Case 65	18	57,128,335	57,658,384	2	0	2	1
Case 65	18	57,659,675	60,029,014	3	0	3	1
Case 65	18	60,031,154	64,430,701	2	0	2	1
Case 65	18	64,433,748	64,941,776	3	0	3	1
Case 65	18	64,942,995	67,529,014	2	0	2	1
Case 65	18	67,529,217	68,091,496	3	0	3	1
Case 65	18	68,092,510	71,546,218	2	0	2	1
Case 65	18	71,551,663	71,642,414	3	0	3	1
Case 65	18	71,642,541	72,364,088	2	0	2	1
Case 65	18	72,372,586	72,385,570	0	0	0	0
Case 65	18	72,393,824	74,424,338	3	0	3	1
Case 65	18	74,424,743	76,478,016	2	0	2	1
Case 65	18	76,479,152	78,015,180	2	2	4	0
Case 65	19	260,912	11,828,410	2	2	4	0
Case 65	19	11,832,283	12,548,494	2	1	3	0
Case 65	19	12,562,017	20,826,692	2	2	4	0
Case 65	19	20,835,290	21,992,227	2	1	3	0
Case 65	19	21,992,426	23,468,966	2	2	4	0
Case 65	19	23,476,430	24,629,285	3	0	3	1
Case 65	19	27,732,159	28,399,120	3	0	3	1
Case 65	19	28,404,607	41,324,684	2	2	4	0
Case 65	19	41,328,365	41,341,589	3	0	3	1
Case 65	19	41,350,895	41,379,148	0	0	0	0
Case 65	19	41,382,476	41,386,033	3	0	3	1
Case 65	19	41,392,885	57,839,291	2	2	4	0
Case 65	19	57,839,407	58,453,505	2	1	3	0

Case 65	19	58,453,949	59,097,160	2	2	4	0
Case 65	20	63,244	14,697,386	2	2	4	0
Case 65	20	14,702,391	14,705,888	3	0	3	1
Case 65	20	14,713,890	15,254,051	1	0	1	0
Case 65	20	15,254,161	15,254,161	3	0	3	1
Case 65	20	15,254,475	26,293,985	2	2	4	0
Case 65	20	29,425,357	40,503,781	2	2	4	0
Case 65	20	40,507,210	41,479,082	3	0	3	1
Case 65	20	41,484,685	41,987,968	2	0	2	1
Case 65	20	41,993,294	44,884,686	3	0	3	1
Case 65	20	44,886,189	45,192,989	2	0	2	1
Case 65	20	45,193,325	50,966,307	3	0	3	1
Case 65	20	50,979,238	62,948,788	2	2	4	0
Case 65	21	10,827,533	10,971,337	2	1	3	0
Case 65	21	14,368,320	48,100,155	2	1	3	0
Case 65	22	16,114,244	30,823,065	2	1	3	0
Case 65	22	30,824,621	30,984,027	2	0	2	1
Case 65	22	30,986,172	36,329,083	2	1	3	0
Case 65	22	36,337,776	36,890,353	2	0	2	1
Case 65	22	36,891,858	51,195,728	2	1	3	0
Case 66	1	82,154	12,919,081	1	1	2	0
Case 66	1	12,919,838	12,920,053	7	0	7	1
Case 66	1	12,921,252	80,434,779	1	1	2	0
Case 66	1	80,439,944	80,589,739	1	0	1	0
Case 66	1	80,613,801	121,346,616	1	1	2	0
Case 66	1	142,649,718	249,218,992	1	1	2	0
Case 66	2	18,674	58,713,430	1	1	2	0
Case 66	2	58,715,610	60,718,043	2	1	3	0
Case 66	2	60,719,074	71,789,052	1	1	2	0
Case 66	2	71,789,067	72,505,475	2	1	3	0
Case 66	2	72,507,640	92,081,640	1	1	2	0
Case 66	2	95,429,424	100,753,490	1	1	2	0
Case 66	2	100,756,953	101,029,002	2	1	3	0
Case 66	2	101,031,561	179,395,926	1	1	2	0
Case 66	2	179,395,958	179,642,589	2	1	3	0
Case 66	2	179,642,620	235,683,121	1	1	2	0
Case 66	2	235,690,982	236,228,570	2	1	3	0
Case 66	2	236,234,442	243,048,760	1	1	2	0
Case 66	3	61,495	90,442,925	1	1	2	0
Case 66	3	93,537,290	197,838,262	1	1	2	0
Case 66	4	71,566	49,620,898	1	1	2	0
Case 66	4	52,697,856	73,038,187	1	1	2	0
Case 66	4	73,055,314	73,506,817	2	1	3	0
Case 66	4	73,508,425	190,963,766	1	1	2	0
Case 66	5	38,139	730,271	1	1	2	0
Case 66	5	788,646	825,338	7	0	7	1
Case 66	5	840,717	45,537,299	1	1	2	0
Case 66	5	45,547,278	46,399,093	1	0	1	0
Case 66	5	49,457,282	49,639,137	1	0	1	0
Case 66	5	49,646,456	68,851,541	1	1	2	0
Case 66	5	68,920,307	70,308,554	7	0	7	1
Case 66	5	70,704,077	83,524,072	1	1	2	0
Case 66	5	83,524,163	84,822,809	1	0	1	0
Case 66	5	84,860,966	180,693,127	1	1	2	0
Case 66	6	108,666	1,443,801	1	1	2	0
Case 66	6	1,445,115	1,714,815	2	1	3	0
Case 66	6	1,716,354	32,509,357	1	1	2	0
Case 66	6	32,511,672	32,629,137	2	1	3	0
Case 66	6	32,629,755	39,128,976	1	1	2	0
Case 66	6	39,132,818	39,607,534	2	1	3	0
Case 66	6	39,608,028	44,445,990	1	1	2	0

Case 66	6	44,446,674	44,699,068	2	1	3	0
Case 66	6	44,710,304	58,752,089	1	1	2	0
Case 66	6	61,891,118	166,088,295	1	1	2	0
Case 66	6	166,090,378	166,277,064	2	1	3	0
Case 66	6	166,287,778	170,980,171	1	1	2	0
Case 66	7	44,935	3,434,275	1	1	2	0
Case 66	7	3,445,311	3,455,249	7	0	7	1
Case 66	7	3,459,998	57,571,771	1	1	2	0
Case 66	7	57,621,951	58,019,061	1	0	1	0
Case 66	7	61,056,053	65,350,058	1	0	1	0
Case 66	7	65,360,715	159,119,486	1	1	2	0
Case 66	8	164,984	1,083,364	1	1	2	0
Case 66	8	1,086,161	14,759,656	2	1	3	0
Case 66	8	14,762,896	16,035,410	1	1	2	0
Case 66	8	16,035,421	21,428,969	2	1	3	0
Case 66	8	21,431,520	22,168,751	1	1	2	0
Case 66	8	22,169,087	22,737,971	2	1	3	0
Case 66	8	22,738,040	23,180,616	1	1	2	0
Case 66	8	23,181,742	30,126,708	2	1	3	0
Case 66	8	30,128,040	31,062,127	1	1	2	0
Case 66	8	31,066,640	38,804,226	2	1	3	0
Case 66	8	38,808,657	39,645,629	1	1	2	0
Case 66	8	39,645,676	41,706,484	2	1	3	0
Case 66	8	41,709,070	43,791,691	1	1	2	0
Case 66	8	46,886,735	52,687,736	1	1	2	0
Case 66	8	52,693,141	56,547,810	2	1	3	0
Case 66	8	56,550,203	57,892,699	1	1	2	0
Case 66	8	57,901,469	67,330,132	2	1	3	0
Case 66	8	67,334,099	68,509,800	1	1	2	0
Case 66	8	68,516,125	87,162,446	2	1	3	0
Case 66	8	87,162,510	88,937,177	1	1	2	0
Case 66	8	88,956,612	95,392,557	2	1	3	0
Case 66	8	95,392,575	96,081,402	1	1	2	0
Case 66	8	96,081,568	99,817,178	2	1	3	0
Case 66	8	99,824,050	101,252,680	1	1	2	0
Case 66	8	101,252,681	108,974,658	2	1	3	0
Case 66	8	108,989,834	110,528,149	1	1	2	0
Case 66	8	110,530,470	140,983,577	2	1	3	0
Case 66	8	140,984,964	141,547,226	1	1	2	0
Case 66	8	141,549,291	144,134,969	2	1	3	0
Case 66	8	144,135,387	146,293,414	1	1	2	0
Case 66	9	46,587	17,120,621	1	1	2	0
Case 66	9	17,130,360	17,464,622	1	0	1	0
Case 66	9	17,466,468	46,944,322	1	1	2	0
Case 66	9	65,629,772	135,934,431	1	1	2	0
Case 66	9	135,940,433	135,955,672	7	0	7	1
Case 66	9	135,957,091	140,006,355	1	1	2	0
Case 66	9	140,006,378	140,328,756	1	0	1	0
Case 66	9	140,328,778	141,066,491	1	1	2	0
Case 66	10	98,087	39,097,912	1	1	2	0
Case 66	10	42,436,301	135,477,883	1	1	2	0
Case 66	11	193,146	51,591,253	1	1	2	0
Case 66	11	54,794,237	108,106,435	1	1	2	0
Case 66	11	108,106,443	108,199,832	1	0	1	0
Case 66	11	108,200,946	134,934,063	1	1	2	0
Case 66	12	191,619	7,993,316	1	1	2	0
Case 66	12	8,000,912	8,123,306	7	0	7	1
Case 66	12	8,125,745	33,870,297	1	1	2	0
Case 66	12	33,901,640	34,853,011	1	0	1	0
Case 66	12	37,876,400	38,653,605	1	0	1	0
Case 66	12	38,655,232	48,597,064	1	1	2	0

Case 66	12	48,597,507	49,985,408	1	0	1	0
Case 66	12	49,987,929	50,744,581	2	0	2	1
Case 66	12	50,744,680	52,642,525	1	0	1	0
Case 66	12	52,645,754	53,227,026	1	1	2	0
Case 66	12	53,227,629	54,074,686	1	0	1	0
Case 66	12	54,077,750	133,343,594	1	1	2	0
Case 66	12	133,345,251	133,810,935	1	0	1	0
Case 66	13	19,058,717	56,329,717	1	1	2	0
Case 66	13	56,336,439	58,556,668	2	1	3	0
Case 66	13	58,586,097	59,645,513	1	1	2	0
Case 66	13	59,663,358	62,567,545	2	1	3	0
Case 66	13	62,568,064	64,574,779	1	1	2	0
Case 66	13	64,578,103	82,736,934	2	1	3	0
Case 66	13	82,770,704	85,903,717	1	1	2	0
Case 66	13	85,904,426	109,464,544	2	1	3	0
Case 66	13	109,464,573	109,550,367	1	1	2	0
Case 66	13	109,550,561	113,030,748	2	1	3	0
Case 66	13	113,030,773	115,103,529	1	1	2	0
Case 66	14	19,280,733	20,420,338	5	0	5	1
Case 66	14	20,425,051	22,429,647	1	1	2	0
Case 66	14	22,433,866	22,970,327	2	2	4	0
Case 66	14	22,972,815	107,287,663	1	1	2	0
Case 66	15	20,034,919	90,931,363	1	1	2	0
Case 66	15	90,934,008	93,903,432	2	1	3	0
Case 66	15	93,904,830	93,925,327	1	1	2	0
Case 66	15	93,926,083	98,748,160	1	0	1	0
Case 66	15	98,752,036	99,696,352	1	1	2	0
Case 66	15	99,696,381	100,514,494	1	0	1	0
Case 66	15	100,514,614	100,774,192	1	1	2	0
Case 66	15	100,774,546	101,555,399	1	0	1	0
Case 66	15	101,555,589	102,068,658	1	1	2	0
Case 66	15	102,069,043	102,461,162	2	0	2	1
Case 66	16	88,165	1,498,367	1	1	2	0
Case 66	16	1,498,408	1,545,403	1	0	1	0
Case 66	16	1,545,448	28,608,487	1	1	2	0
Case 66	16	28,615,243	28,620,752	7	0	7	1
Case 66	16	28,628,143	35,285,582	1	1	2	0
Case 66	16	46,450,037	90,274,695	1	1	2	0
Case 66	17	11,885	22,242,355	1	1	2	0
Case 66	17	25,268,142	34,436,708	1	1	2	0
Case 66	17	34,443,811	34,476,396	5	2	7	0
Case 66	17	34,597,521	79,276,507	1	1	2	0
Case 66	17	79,280,925	79,475,871	1	0	1	0
Case 66	17	79,476,101	81,060,040	1	1	2	0
Case 66	18	87,505	15,375,878	1	1	2	0
Case 66	18	18,520,354	78,015,180	1	1	2	0
Case 66	19	260,912	611,373	1	1	2	0
Case 66	19	612,234	1,057,137	1	0	1	0
Case 66	19	1,057,343	9,362,343	1	1	2	0
Case 66	19	9,362,545	9,919,713	1	0	1	0
Case 66	19	9,921,575	11,598,232	1	1	2	0
Case 66	19	11,598,381	12,776,183	1	0	1	0
Case 66	19	12,776,338	19,772,856	1	1	2	0
Case 66	19	19,776,814	24,629,285	1	0	1	0
Case 66	19	27,732,159	28,332,369	1	0	1	0
Case 66	19	28,351,234	34,791,496	1	1	2	0
Case 66	19	34,791,556	37,028,543	2	0	2	1
Case 66	19	37,034,582	38,167,971	1	0	1	0
Case 66	19	38,168,913	52,520,595	2	0	2	1
Case 66	19	52,520,607	53,757,505	1	0	1	0
Case 66	19	53,757,946	58,805,725	2	0	2	1

Case 66	19	58,805,742	59,097,160	1	0	1	0
Case 66	20	63,244	1,419,846	1	1	2	0
Case 66	20	1,420,336	1,701,668	2	1	3	0
Case 66	20	1,704,114	6,860,895	1	1	2	0
Case 66	20	6,866,917	10,731,133	2	1	3	0
Case 66	20	10,732,514	12,359,879	1	1	2	0
Case 66	20	12,364,545	13,273,069	2	1	3	0
Case 66	20	13,276,381	15,087,285	1	1	2	0
Case 66	20	15,087,330	15,783,291	2	1	3	0
Case 66	20	15,787,999	19,215,642	1	1	2	0
Case 66	20	19,216,527	19,780,974	2	1	3	0
Case 66	20	19,788,016	26,293,985	1	1	2	0
Case 66	20	29,425,357	31,282,965	1	1	2	0
Case 66	20	31,289,294	31,973,572	2	1	3	0
Case 66	20	31,974,395	62,948,788	1	1	2	0
Case 66	21	10,827,533	10,971,337	1	1	2	0
Case 66	21	14,368,320	48,100,155	1	1	2	0
Case 66	22	16,114,244	51,195,728	1	1	2	0
Case 67	1	82,154	17,249,173	1	1	2	0
Case 67	1	17,249,200	17,273,287	0	0	0	0
Case 67	1	17,273,371	81,227,145	1	1	2	0
Case 67	1	81,228,366	81,294,721	0	0	0	0
Case 67	1	81,300,553	121,346,616	1	1	2	0
Case 67	1	142,649,718	148,937,908	1	1	2	0
Case 67	1	149,039,031	149,201,987	0	0	0	0
Case 67	1	149,660,940	190,988,857	1	1	2	0
Case 67	1	190,989,756	191,199,033	1	0	1	0
Case 67	1	191,223,734	243,940,076	1	1	2	0
Case 67	1	243,943,084	248,019,808	2	1	3	0
Case 67	1	248,020,448	248,059,603	1	1	2	0
Case 67	1	248,059,712	249,218,992	2	1	3	0
Case 67	2	18,674	11,300,771	2	0	2	1
Case 67	2	11,300,792	92,081,640	1	1	2	0
Case 67	2	95,429,424	113,451,498	1	1	2	0
Case 67	2	113,457,049	113,476,596	0	0	0	0
Case 67	2	113,478,830	243,048,760	1	1	2	0
Case 67	3	61,495	7,228,869	1	0	1	0
Case 67	3	7,229,067	10,887,967	2	1	3	0
Case 67	3	10,888,402	56,441,795	1	1	2	0
Case 67	3	56,450,723	60,981,024	1	0	1	0
Case 67	3	60,983,267	61,166,821	0	0	0	0
Case 67	3	61,168,215	61,184,321	1	1	2	0
Case 67	3	61,189,520	63,624,266	1	0	1	0
Case 67	3	63,628,019	63,640,601	3	0	3	1
Case 67	3	63,643,367	63,927,739	4	0	4	1
Case 67	3	63,939,057	63,986,170	3	0	3	1
Case 67	3	63,989,456	65,512,134	3	1	4	0
Case 67	3	65,514,229	65,905,920	4	1	5	0
Case 67	3	65,908,894	67,299,754	3	1	4	0
Case 67	3	67,300,242	68,332,557	4	1	5	0
Case 67	3	68,334,875	70,143,459	3	1	4	0
Case 67	3	70,149,696	70,918,127	4	1	5	0
Case 67	3	70,918,294	73,022,475	3	1	4	0
Case 67	3	73,023,621	73,156,334	2	1	3	0
Case 67	3	73,157,190	73,287,838	3	1	4	0
Case 67	3	73,291,914	73,594,445	1	1	2	0
Case 67	3	73,601,210	73,788,184	2	1	3	0
Case 67	3	73,788,701	73,987,905	3	1	4	0
Case 67	3	73,988,264	74,193,460	2	1	3	0
Case 67	3	74,194,608	74,629,235	3	1	4	0
Case 67	3	74,632,701	75,277,620	2	1	3	0

Case 67	3	75,279,989	75,707,235	3	1	4	0
Case 67	3	75,726,925	90,442,925	1	1	2	0
Case 67	3	93,537,290	156,626,091	1	1	2	0
Case 67	3	156,642,634	195,262,272	2	1	3	0
Case 67	3	195,262,521	195,515,508	1	1	2	0
Case 67	3	195,515,510	197,403,806	2	1	3	0
Case 67	3	197,403,844	197,579,466	1	1	2	0
Case 67	3	197,581,147	197,838,262	2	1	3	0
Case 67	4	71,566	221,623	1	1	2	0
Case 67	4	225,449	442,021	1	0	1	0
Case 67	4	445,794	49,620,898	1	1	2	0
Case 67	4	52,697,856	190,963,766	1	1	2	0
Case 67	5	38,139	46,399,093	1	1	2	0
Case 67	5	49,457,282	139,931,644	1	1	2	0
Case 67	5	139,931,646	139,931,739	2	1	3	0
Case 67	5	139,931,740	180,693,127	1	1	2	0
Case 67	6	108,666	2,765,899	1	0	1	0
Case 67	6	2,766,560	2,798,619	2	0	2	1
Case 67	6	2,799,060	11,550,364	1	0	1	0
Case 67	6	11,551,050	58,752,089	1	1	2	0
Case 67	6	61,891,118	95,913,318	1	1	2	0
Case 67	6	95,936,540	109,762,236	1	0	1	0
Case 67	6	109,762,332	109,769,085	1	1	2	0
Case 67	6	109,769,091	112,041,081	1	0	1	0
Case 67	6	112,041,087	112,383,780	1	1	2	0
Case 67	6	112,389,407	126,708,470	1	0	1	0
Case 67	6	126,744,087	170,980,171	1	1	2	0
Case 67	7	44,935	5,050,816	2	1	3	0
Case 67	7	5,052,357	5,645,022	1	1	2	0
Case 67	7	5,647,078	8,910,032	2	1	3	0
Case 67	7	8,919,987	8,968,569	0	0	0	0
Case 67	7	8,972,810	8,973,252	1	1	2	0
Case 67	7	8,974,051	29,884,697	2	1	3	0
Case 67	7	29,885,518	58,019,061	1	1	2	0
Case 67	7	61,056,053	62,035,570	1	1	2	0
Case 67	7	62,043,624	62,397,642	1	0	1	0
Case 67	7	62,413,547	71,280,299	1	1	2	0
Case 67	7	71,297,516	73,226,807	2	1	3	0
Case 67	7	73,239,500	91,574,110	1	1	2	0
Case 67	7	91,575,417	92,826,850	2	1	3	0
Case 67	7	92,836,316	94,364,780	1	1	2	0
Case 67	7	94,368,896	94,733,635	2	1	3	0
Case 67	7	94,740,381	94,948,626	3	1	4	0
Case 67	7	94,948,784	94,999,110	2	1	3	0
Case 67	7	94,999,221	95,080,342	3	1	4	0
Case 67	7	95,081,804	95,238,643	2	1	3	0
Case 67	7	95,241,819	95,687,885	3	1	4	0
Case 67	7	95,697,118	95,835,862	2	1	3	0
Case 67	7	95,838,164	96,173,019	3	1	4	0
Case 67	7	96,188,993	98,054,504	2	1	3	0
Case 67	7	98,062,642	98,230,657	3	1	4	0
Case 67	7	98,233,514	103,292,487	2	1	3	0
Case 67	7	103,294,611	104,142,500	3	1	4	0
Case 67	7	104,143,381	104,245,132	2	1	3	0
Case 67	7	104,251,618	104,413,768	3	1	4	0
Case 67	7	104,414,719	105,266,807	2	1	3	0
Case 67	7	105,273,458	106,454,351	3	1	4	0
Case 67	7	106,459,917	107,050,221	2	1	3	0
Case 67	7	107,053,030	107,258,907	3	1	4	0
Case 67	7	107,258,910	107,432,300	2	1	3	0
Case 67	7	107,432,325	107,575,162	3	1	4	0



Case 67	7	107,575,859	107,898,586	2	1	3	0
Case 67	7	107,911,705	108,191,625	3	1	4	0
Case 67	7	108,202,792	109,214,139	2	1	3	0
Case 67	7	109,217,197	110,047,964	3	1	4	0
Case 67	7	110,052,275	116,489,938	2	1	3	0
Case 67	7	116,491,214	121,999,971	1	0	1	0
Case 67	7	122,001,046	127,744,787	2	1	3	0
Case 67	7	127,771,601	127,975,953	1	1	2	0
Case 67	7	127,975,964	130,065,429	2	1	3	0
Case 67	7	130,079,834	133,243,248	1	0	1	0
Case 67	7	133,261,817	134,355,857	3	0	3	1
Case 67	7	134,362,448	135,483,229	3	1	4	0
Case 67	7	135,483,806	135,852,872	3	0	3	1
Case 67	7	135,854,002	137,562,504	3	1	4	0
Case 67	7	137,562,607	137,562,607	1	0	1	0
Case 67	7	137,562,798	137,753,675	3	0	3	1
Case 67	7	137,755,143	138,309,274	4	0	4	1
Case 67	7	138,312,122	138,816,931	3	0	3	1
Case 67	7	138,817,240	139,143,798	4	0	4	1
Case 67	7	139,151,335	139,596,859	3	0	3	1
Case 67	7	139,596,953	141,255,295	3	1	4	0
Case 67	7	141,272,716	141,351,366	1	1	2	0
Case 67	7	141,352,865	141,735,114	1	0	1	0
Case 67	7	141,735,912	141,968,747	2	0	2	1
Case 67	7	141,968,974	142,044,060	1	0	1	0
Case 67	7	142,099,013	142,488,688	2	0	2	1
Case 67	7	142,492,130	153,353,369	1	0	1	0
Case 67	7	153,356,432	158,498,994	2	0	2	1
Case 67	7	158,500,805	159,119,486	2	1	3	0
Case 67	8	164,984	202,842	1	0	1	0
Case 67	8	209,152	3,199,421	1	1	2	0
Case 67	8	3,200,119	3,267,743	1	0	1	0
Case 67	8	3,272,206	3,351,240	1	1	2	0
Case 67	8	3,353,059	3,421,598	1	0	1	0
Case 67	8	3,422,332	3,565,900	1	1	2	0
Case 67	8	3,566,615	3,620,935	1	0	1	0
Case 67	8	3,621,844	3,919,130	1	1	2	0
Case 67	8	3,920,312	4,045,835	1	0	1	0
Case 67	8	4,047,054	4,433,995	1	1	2	0
Case 67	8	4,434,168	4,491,502	1	0	1	0
Case 67	8	4,492,509	4,555,958	1	1	2	0
Case 67	8	4,556,148	4,619,604	1	0	1	0
Case 67	8	4,622,661	6,982,980	1	1	2	0
Case 67	8	7,007,415	8,176,221	1	0	1	0
Case 67	8	8,176,283	10,467,335	1	1	2	0
Case 67	8	10,467,460	10,474,055	1	0	1	0
Case 67	8	10,480,101	13,739,069	1	1	2	0
Case 67	8	13,741,178	13,894,700	1	0	1	0
Case 67	8	13,895,191	14,554,261	1	1	2	0
Case 67	8	14,566,827	14,870,622	1	0	1	0
Case 67	8	14,873,709	15,652,119	1	1	2	0
Case 67	8	15,652,878	15,738,015	1	0	1	0
Case 67	8	15,742,366	21,978,705	1	1	2	0
Case 67	8	21,981,218	21,986,647	1	0	1	0
Case 67	8	21,994,951	23,964,645	1	1	2	0
Case 67	8	23,991,643	24,170,960	1	0	1	0
Case 67	8	24,170,983	27,630,152	1	1	2	0
Case 67	8	27,633,972	27,645,493	1	0	1	0
Case 67	8	27,645,704	32,184,932	1	1	2	0
Case 67	8	32,185,759	32,499,740	1	0	1	0
Case 67	8	32,501,987	43,791,691	1	1	2	0

Case 67	8	46,886,735	62,636,679	1	1	2	0
Case 67	8	62,641,324	62,738,734	2	1	3	0
Case 67	8	62,744,087	115,626,102	1	1	2	0
Case 67	8	115,641,238	115,642,408	0	0	0	0
Case 67	8	115,650,409	120,076,702	1	1	2	0
Case 67	8	120,079,618	120,187,354	2	1	3	0
Case 67	8	120,187,709	124,663,818	1	1	2	0
Case 67	8	124,663,835	125,359,272	2	1	3	0
Case 67	8	125,361,409	146,293,414	1	1	2	0
Case 67	9	46,587	707,463	1	0	1	0
Case 67	9	710,818	712,754	1	1	2	0
Case 67	9	712,757	18,810,029	1	0	1	0
Case 67	9	18,811,047	18,884,432	3	0	3	1
Case 67	9	18,885,598	19,797,850	3	1	4	0
Case 67	9	19,801,918	20,676,454	4	1	5	0
Case 67	9	20,690,387	20,690,387	3	1	4	0
Case 67	9	20,700,838	20,923,667	2	1	3	0
Case 67	9	20,923,696	21,226,832	3	1	4	0
Case 67	9	21,227,670	23,184,533	2	1	3	0
Case 67	9	23,186,453	23,427,158	3	1	4	0
Case 67	9	23,430,020	24,231,246	2	1	3	0
Case 67	9	24,233,393	35,042,876	1	0	1	0
Case 67	9	35,042,892	35,100,002	2	0	2	1
Case 67	9	35,100,468	38,773,251	1	0	1	0
Case 67	9	39,004,140	46,944,322	1	1	2	0
Case 67	9	65,629,772	69,410,435	1	1	2	0
Case 67	9	70,984,372	85,282,258	2	1	3	0
Case 67	9	85,288,781	88,671,087	3	1	4	0
Case 67	9	88,679,834	89,356,423	4	1	5	0
Case 67	9	89,365,547	90,503,219	3	1	4	0
Case 67	9	90,503,310	90,503,310	1	0	1	0
Case 67	9	90,503,313	90,811,182	3	0	3	1
Case 67	9	90,816,711	91,605,963	3	1	4	0
Case 67	9	91,605,981	92,725,441	3	0	3	1
Case 67	9	92,727,048	93,067,144	3	1	4	0
Case 67	9	93,067,790	93,357,338	4	1	5	0
Case 67	9	93,359,512	94,266,286	3	1	4	0
Case 67	9	94,267,243	94,267,243	1	0	1	0
Case 67	9	94,269,967	94,603,970	3	0	3	1
Case 67	9	94,609,451	95,580,376	3	1	4	0
Case 67	9	95,586,719	100,767,860	1	0	1	0
Case 67	9	100,784,050	141,066,491	1	1	2	0
Case 67	10	98,087	39,097,912	1	1	2	0
Case 67	10	42,436,301	135,477,883	1	1	2	0
Case 67	11	193,146	1,020,722	1	1	2	0
Case 67	11	1,021,245	4,601,302	1	0	1	0
Case 67	11	4,601,873	4,903,891	2	0	2	1
Case 67	11	4,904,034	4,931,083	1	0	1	0
Case 67	11	4,932,775	4,946,345	2	0	2	1
Case 67	11	4,947,313	5,153,158	1	0	1	0
Case 67	11	5,153,175	5,173,413	2	0	2	1
Case 67	11	5,173,538	5,366,319	1	0	1	0
Case 67	11	5,366,991	5,411,239	1	1	2	0
Case 67	11	5,411,371	5,457,631	1	0	1	0
Case 67	11	5,461,263	5,475,505	2	0	2	1
Case 67	11	5,475,506	6,088,712	1	0	1	0
Case 67	11	6,089,740	51,591,253	1	1	2	0
Case 67	11	54,794,237	55,360,213	1	1	2	0
Case 67	11	55,361,808	55,427,700	0	0	0	0
Case 67	11	55,431,897	62,297,870	1	1	2	0
Case 67	11	62,298,509	66,845,362	2	0	2	1

Case 67	11	66,853,465	69,239,611	3	0	3	1
Case 67	11	69,239,741	70,120,501	4	0	4	1
Case 67	11	70,159,690	89,935,586	3	0	3	1
Case 67	11	89,935,908	90,677,706	2	0	2	1
Case 67	11	90,716,340	97,274,869	3	0	3	1
Case 67	11	97,279,736	100,345,438	4	0	4	1
Case 67	11	100,375,968	103,820,517	7	0	7	1
Case 67	11	103,833,805	108,122,604	2	0	2	1
Case 67	11	108,122,700	108,186,631	1	0	1	0
Case 67	11	108,186,638	119,580,852	2	0	2	1
Case 67	11	119,582,832	120,531,034	1	0	1	0
Case 67	11	120,531,073	120,783,369	2	0	2	1
Case 67	11	120,786,892	124,180,082	1	0	1	0
Case 67	11	124,180,282	124,464,910	2	0	2	1
Case 67	11	124,466,751	125,093,850	1	0	1	0
Case 67	11	125,095,221	125,349,829	2	0	2	1
Case 67	11	125,351,472	128,839,156	1	0	1	0
Case 67	11	128,839,276	128,842,940	1	1	2	0
Case 67	11	128,843,573	130,699,110	1	0	1	0
Case 67	11	130,699,300	130,800,330	2	0	2	1
Case 67	11	130,801,649	132,610,286	1	0	1	0
Case 67	11	132,612,241	133,505,509	0	0	0	0
Case 67	11	133,507,330	133,525,963	1	1	2	0
Case 67	11	133,528,521	134,934,063	1	0	1	0
Case 67	12	191,619	771,229	1	1	2	0
Case 67	12	772,619	772,619	2	1	3	0
Case 67	12	772,649	796,131	3	1	4	0
Case 67	12	803,488	34,853,011	1	1	2	0
Case 67	12	37,876,400	133,810,935	1	1	2	0
Case 67	13	19,058,717	56,677,746	1	1	2	0
Case 67	13	56,699,942	76,391,366	1	0	1	0
Case 67	13	76,395,278	76,429,475	2	0	2	1
Case 67	13	76,430,665	82,503,963	1	0	1	0
Case 67	13	82,512,318	85,792,109	1	1	2	0
Case 67	13	85,799,430	85,804,087	0	0	0	0
Case 67	13	85,812,672	115,103,529	1	1	2	0
Case 67	14	19,280,733	20,425,051	2	1	3	0
Case 67	14	20,426,742	22,536,550	1	1	2	0
Case 67	14	22,538,661	22,942,619	2	1	3	0
Case 67	14	22,942,890	107,287,663	1	1	2	0
Case 67	15	20,034,919	20,212,798	1	1	2	0
Case 67	15	20,612,840	22,652,330	1	0	1	0
Case 67	15	22,750,305	102,461,162	1	1	2	0
Case 67	16	88,165	4,940,782	1	1	2	0
Case 67	16	4,940,825	4,942,171	1	0	1	0
Case 67	16	4,943,234	5,607,313	1	1	2	0
Case 67	16	5,608,833	5,613,997	0	0	0	0
Case 67	16	5,618,728	35,285,582	1	1	2	0
Case 67	16	46,450,037	77,766,640	1	1	2	0
Case 67	16	77,767,491	78,236,048	2	1	3	0
Case 67	16	78,243,384	78,487,877	1	1	2	0
Case 67	16	78,487,924	78,594,171	1	0	1	0
Case 67	16	78,595,260	78,939,658	1	1	2	0
Case 67	16	78,940,747	79,091,847	1	0	1	0
Case 67	16	79,092,083	90,274,695	1	1	2	0
Case 67	17	11,885	5,042,715	1	1	2	0
Case 67	17	5,042,837	5,490,702	1	0	1	0
Case 67	17	5,492,436	9,445,259	1	1	2	0
Case 67	17	9,448,879	9,525,429	1	0	1	0
Case 67	17	9,532,106	9,683,268	1	1	2	0
Case 67	17	9,683,276	9,735,369	1	0	1	0

Case 67	17	9,737,139	9,804,493	1	1	2	0
Case 67	17	9,804,724	15,039,528	1	0	1	0
Case 67	17	15,044,804	15,058,236	0	0	0	0
Case 67	17	15,058,991	15,060,561	1	1	2	0
Case 67	17	15,063,832	22,242,355	1	0	1	0
Case 67	17	25,268,142	81,060,040	1	1	2	0
Case 67	18	87,505	15,375,878	1	0	1	0
Case 67	18	18,520,354	18,556,505	1	0	1	0
Case 67	18	18,561,020	38,508,040	1	1	2	0
Case 67	18	38,519,691	40,345,564	1	0	1	0
Case 67	18	40,357,460	41,626,891	1	1	2	0
Case 67	18	41,627,797	49,754,754	2	1	3	0
Case 67	18	49,765,016	50,400,650	1	0	1	0
Case 67	18	50,410,686	50,894,200	2	1	3	0
Case 67	18	50,900,432	51,656,039	1	0	1	0
Case 67	18	51,674,135	51,978,494	2	1	3	0
Case 67	18	51,997,963	53,026,357	1	0	1	0
Case 67	18	53,034,581	53,186,092	2	1	3	0
Case 67	18	53,186,847	56,181,943	1	0	1	0
Case 67	18	56,184,198	56,204,768	2	0	2	1
Case 67	18	56,204,832	78,015,180	1	0	1	0
Case 67	19	260,912	20,905,979	1	1	2	0
Case 67	19	20,909,349	21,607,695	1	0	1	0
Case 67	19	21,613,836	24,222,786	1	1	2	0
Case 67	19	24,231,229	24,629,285	1	0	1	0
Case 67	19	27,732,159	27,862,694	1	0	1	0
Case 67	19	27,919,724	41,356,054	1	1	2	0
Case 67	19	41,356,751	41,379,148	0	0	0	0
Case 67	19	41,382,476	52,529,074	1	1	2	0
Case 67	19	52,535,421	52,543,752	1	0	1	0
Case 67	19	52,543,833	54,721,009	1	1	2	0
Case 67	19	54,722,230	54,760,453	2	0	2	1
Case 67	19	54,761,023	59,097,160	1	1	2	0
Case 67	20	63,244	26,293,985	1	1	2	0
Case 67	20	29,425,357	32,535,305	1	1	2	0
Case 67	20	32,540,501	34,806,805	2	1	3	0
Case 67	20	34,806,861	35,060,236	3	1	4	0
Case 67	20	35,060,338	35,060,338	1	0	1	0
Case 67	20	35,060,424	36,641,735	3	0	3	1
Case 67	20	36,650,065	36,869,005	3	1	4	0
Case 67	20	36,869,100	37,263,408	3	0	3	1
Case 67	20	37,266,205	37,266,205	2	1	3	0
Case 67	20	37,266,561	37,497,339	3	1	4	0
Case 67	20	37,499,139	37,746,454	2	1	3	0
Case 67	20	37,771,578	38,261,904	3	1	4	0
Case 67	20	38,262,073	38,538,768	2	1	3	0
Case 67	20	38,538,909	39,623,283	3	1	4	0
Case 67	20	39,634,488	39,991,293	2	1	3	0
Case 67	20	39,991,463	40,052,133	3	1	4	0
Case 67	20	40,052,215	40,400,021	2	1	3	0
Case 67	20	40,406,526	40,586,445	3	1	4	0
Case 67	20	40,587,035	40,901,723	2	1	3	0
Case 67	20	40,906,498	40,941,198	3	1	4	0
Case 67	20	40,943,696	41,023,705	2	1	3	0
Case 67	20	41,025,107	41,093,484	3	1	4	0
Case 67	20	41,094,035	41,594,361	2	1	3	0
Case 67	20	41,598,995	42,083,862	3	1	4	0
Case 67	20	42,085,488	42,383,192	2	1	3	0
Case 67	20	42,384,469	45,354,190	3	1	4	0
Case 67	20	45,354,276	45,354,276	1	0	1	0
Case 67	20	45,354,291	45,895,799	3	0	3	1

Case 67	20	45,896,816	46,789,507	3	1	4	0
Case 67	20	46,793,542	46,793,542	1	0	1	0
Case 67	20	46,793,769	48,116,955	3	0	3	1
Case 67	20	48,118,822	48,522,585	3	1	4	0
Case 67	20	48,522,625	48,522,655	1	0	1	0
Case 67	20	48,522,659	50,276,113	3	0	3	1
Case 67	20	50,278,297	50,701,128	4	0	4	1
Case 67	20	50,701,293	50,981,237	3	0	3	1
Case 67	20	50,988,568	51,870,325	3	1	4	0
Case 67	20	51,870,336	51,870,336	1	0	1	0
Case 67	20	51,870,539	52,232,673	3	0	3	1
Case 67	20	52,240,212	54,650,520	3	1	4	0
Case 67	20	54,654,489	55,610,644	3	0	3	1
Case 67	20	55,614,851	57,561,221	3	1	4	0
Case 67	20	57,562,859	57,599,824	2	1	3	0
Case 67	20	57,601,995	61,382,667	3	1	4	0
Case 67	20	61,384,043	61,384,043	1	0	1	0
Case 67	20	61,385,787	61,908,578	3	0	3	1
Case 67	20	61,909,041	62,265,130	3	1	4	0
Case 67	20	62,268,955	62,268,955	1	0	1	0
Case 67	20	62,269,942	62,948,788	3	0	3	1
Case 67	21	10,827,533	10,971,337	1	1	2	0
Case 67	21	14,368,320	48,100,155	1	1	2	0
Case 67	22	16,114,244	51,195,728	1	1	2	0
Case 69	1	82,154	768,448	4	0	4	1
Case 69	1	776,546	1,114,668	3	2	5	0
Case 69	1	1,115,461	1,223,058	2	2	4	0
Case 69	1	1,223,122	1,356,550	3	2	5	0
Case 69	1	1,361,463	2,733,587	3	1	4	0
Case 69	1	2,739,933	3,531,595	4	1	5	0
Case 69	1	3,538,501	3,807,482	3	1	4	0
Case 69	1	3,807,507	12,806,196	4	1	5	0
Case 69	1	12,806,478	12,837,311	3	1	4	0
Case 69	1	12,837,570	12,850,542	7	0	7	1
Case 69	1	12,852,872	12,871,327	1	0	1	0
Case 69	1	12,880,356	12,921,278	2	1	3	0
Case 69	1	12,961,019	13,374,687	3	1	4	0
Case 69	1	13,737,240	25,573,262	4	1	5	0
Case 69	1	25,573,406	25,629,950	2	1	3	0
Case 69	1	25,642,596	28,433,304	2	0	2	1
Case 69	1	28,450,288	28,696,091	2	1	3	0
Case 69	1	28,740,421	30,739,134	3	1	4	0
Case 69	1	30,740,493	31,000,821	3	2	5	0
Case 69	1	31,005,713	34,683,153	3	1	4	0
Case 69	1	34,684,463	35,118,335	3	2	5	0
Case 69	1	35,118,666	40,661,311	3	1	4	0
Case 69	1	40,661,363	41,634,956	4	1	5	0
Case 69	1	41,650,222	47,276,819	3	1	4	0
Case 69	1	47,277,217	47,392,596	4	1	5	0
Case 69	1	47,394,096	48,705,391	3	1	4	0
Case 69	1	48,708,202	49,894,407	3	2	5	0
Case 69	1	49,928,063	50,937,848	2	2	4	0
Case 69	1	50,945,526	53,832,824	2	1	3	0
Case 69	1	53,837,187	54,194,992	2	2	4	0
Case 69	1	54,196,929	54,607,157	2	1	3	0
Case 69	1	54,608,352	55,012,359	2	2	4	0
Case 69	1	55,012,825	55,249,154	2	1	3	0
Case 69	1	55,250,684	55,521,109	2	2	4	0
Case 69	1	55,521,701	55,748,993	2	1	3	0
Case 69	1	55,749,478	57,057,316	2	2	4	0
Case 69	1	57,066,988	57,209,853	2	1	3	0

Case 69	1	57,209,907	58,996,320	2	2	4	0
Case 69	1	58,999,651	59,175,142	2	1	3	0
Case 69	1	59,175,979	62,228,696	2	2	4	0
Case 69	1	62,228,751	62,578,944	2	1	3	0
Case 69	1	62,579,672	62,896,419	2	2	4	0
Case 69	1	62,898,142	63,361,221	2	1	3	0
Case 69	1	63,362,324	63,872,032	2	2	4	0
Case 69	1	63,872,871	64,059,403	2	1	3	0
Case 69	1	64,075,768	67,209,088	2	2	4	0
Case 69	1	67,209,818	67,507,941	2	1	3	0
Case 69	1	67,509,698	67,727,555	2	2	4	0
Case 69	1	67,730,628	67,787,286	2	1	3	0
Case 69	1	67,787,353	69,551,411	2	2	4	0
Case 69	1	69,554,417	69,851,618	2	1	3	0
Case 69	1	69,865,203	70,505,178	2	2	4	0
Case 69	1	70,517,191	70,705,315	2	1	3	0
Case 69	1	70,715,711	72,215,994	2	2	4	0
Case 69	1	72,217,553	74,756,402	2	1	3	0
Case 69	1	74,762,198	76,253,229	2	2	4	0
Case 69	1	76,255,112	76,432,008	2	1	3	0
Case 69	1	76,438,011	77,552,639	2	2	4	0
Case 69	1	77,553,461	77,804,242	2	1	3	0
Case 69	1	77,808,677	77,994,269	2	2	4	0
Case 69	1	78,001,652	78,666,990	2	1	3	0
Case 69	1	78,691,660	79,264,728	2	2	4	0
Case 69	1	79,272,660	81,208,897	2	1	3	0
Case 69	1	81,209,339	82,246,289	2	2	4	0
Case 69	1	82,246,392	82,436,281	2	1	3	0
Case 69	1	82,437,536	84,304,441	2	2	4	0
Case 69	1	84,304,638	84,835,699	2	1	3	0
Case 69	1	84,840,651	84,953,415	2	2	4	0
Case 69	1	84,955,233	85,201,228	2	1	3	0
Case 69	1	85,203,780	85,589,842	2	2	4	0
Case 69	1	85,589,914	85,680,408	2	1	3	0
Case 69	1	85,681,267	86,117,583	2	2	4	0
Case 69	1	86,118,447	86,951,806	2	1	3	0
Case 69	1	86,952,219	87,025,994	2	2	4	0
Case 69	1	87,026,002	87,611,710	2	1	3	0
Case 69	1	87,613,358	119,146,085	2	2	4	0
Case 69	1	119,149,428	119,441,722	3	2	5	0
Case 69	1	119,443,768	121,346,616	3	1	4	0
Case 69	1	142,649,718	145,395,440	3	1	4	0
Case 69	1	145,395,604	152,255,225	4	1	5	0
Case 69	1	152,259,078	152,275,790	3	1	4	0
Case 69	1	152,275,795	165,098,287	2	2	4	0
Case 69	1	165,102,499	165,140,955	3	0	3	1
Case 69	1	165,157,400	219,848,283	2	2	4	0
Case 69	1	219,848,628	220,330,672	3	1	4	0
Case 69	1	220,331,205	222,794,232	3	2	5	0
Case 69	1	222,798,965	224,314,814	3	1	4	0
Case 69	1	224,318,758	225,528,296	3	2	5	0
Case 69	1	225,528,340	227,170,768	3	1	4	0
Case 69	1	227,171,824	227,595,966	3	2	5	0
Case 69	1	227,598,169	229,794,944	3	1	4	0
Case 69	1	229,795,070	230,297,659	3	2	5	0
Case 69	1	230,299,949	232,310,039	3	1	4	0
Case 69	1	232,311,020	232,876,993	3	2	5	0
Case 69	1	232,878,488	233,601,813	3	1	4	0
Case 69	1	233,608,565	235,279,448	3	2	5	0
Case 69	1	235,290,922	236,644,617	3	1	4	0
Case 69	1	236,645,609	241,767,854	3	2	5	0

Case 69	1	241,768,617	243,471,328	3	1	4	0
Case 69	1	243,471,416	244,528,021	3	2	5	0
Case 69	1	244,528,037	245,352,307	3	1	4	0
Case 69	1	245,358,619	245,371,492	2	1	3	0
Case 69	1	245,374,024	245,543,358	2	0	2	1
Case 69	1	245,550,394	245,578,185	2	2	4	0
Case 69	1	245,581,534	245,856,763	3	1	4	0
Case 69	1	245,861,512	247,537,126	3	2	5	0
Case 69	1	247,537,146	248,005,044	3	1	4	0
Case 69	1	248,005,109	248,342,577	3	2	5	0
Case 69	1	248,343,343	249,218,992	3	1	4	0
Case 69	2	18,674	17,943,015	2	2	4	0
Case 69	2	17,946,243	18,160,897	3	2	5	0
Case 69	2	18,171,812	43,935,725	2	2	4	0
Case 69	2	43,936,230	44,044,255	2	1	3	0
Case 69	2	44,044,680	44,260,752	2	2	4	0
Case 69	2	44,260,914	44,660,699	2	1	3	0
Case 69	2	44,669,724	46,333,694	2	2	4	0
Case 69	2	46,336,974	47,028,590	2	1	3	0
Case 69	2	47,030,724	47,596,102	2	2	4	0
Case 69	2	47,596,124	48,298,383	2	1	3	0
Case 69	2	48,300,241	48,848,295	2	2	4	0
Case 69	2	48,850,230	48,914,951	2	1	3	0
Case 69	2	48,914,999	49,522,163	2	2	4	0
Case 69	2	49,531,903	52,535,407	2	1	3	0
Case 69	2	52,540,372	53,183,877	2	2	4	0
Case 69	2	53,188,267	53,549,075	2	1	3	0
Case 69	2	53,549,197	53,859,017	2	2	4	0
Case 69	2	53,860,007	54,164,848	2	1	3	0
Case 69	2	54,187,868	55,192,082	2	2	4	0
Case 69	2	55,197,967	56,274,120	2	1	3	0
Case 69	2	56,280,428	58,210,239	2	2	4	0
Case 69	2	58,212,803	58,463,541	2	1	3	0
Case 69	2	58,468,445	61,091,950	2	2	4	0
Case 69	2	61,095,245	61,760,912	2	1	3	0
Case 69	2	61,763,647	62,724,752	2	2	4	0
Case 69	2	62,727,154	63,405,218	2	1	3	0
Case 69	2	63,412,605	64,702,082	2	2	4	0
Case 69	2	64,703,286	64,826,469	2	1	3	0
Case 69	2	64,826,959	65,243,773	2	2	4	0
Case 69	2	65,245,365	65,492,486	2	1	3	0
Case 69	2	65,495,283	68,663,873	2	2	4	0
Case 69	2	68,665,732	68,873,059	2	1	3	0
Case 69	2	68,873,071	70,040,144	2	2	4	0
Case 69	2	70,043,249	70,524,606	2	1	3	0
Case 69	2	70,527,998	71,330,331	2	2	4	0
Case 69	2	71,334,998	71,701,352	2	1	3	0
Case 69	2	71,703,364	79,689,572	2	2	4	0
Case 69	2	79,698,996	80,081,856	2	1	3	0
Case 69	2	80,083,806	81,633,206	2	2	4	0
Case 69	2	81,638,922	82,935,171	2	1	3	0
Case 69	2	82,941,261	83,605,769	2	2	4	0
Case 69	2	83,610,841	85,663,680	2	1	3	0
Case 69	2	85,664,399	86,647,363	2	2	4	0
Case 69	2	86,649,747	88,387,509	2	1	3	0
Case 69	2	88,387,517	92,081,640	2	2	4	0
Case 69	2	95,429,424	116,028,220	2	2	4	0
Case 69	2	116,029,766	116,238,748	2	1	3	0
Case 69	2	116,241,186	134,985,235	2	2	4	0
Case 69	2	134,985,914	135,037,917	3	1	4	0
Case 69	2	135,038,848	137,017,060	2	2	4	0

Case 69	2	137,025,312	141,389,182	3	0	3	1
Case 69	2	141,391,918	205,379,392	2	2	4	0
Case 69	2	205,379,823	206,076,974	2	0	2	1
Case 69	2	206,077,638	234,596,214	2	2	4	0
Case 69	2	234,596,836	234,623,117	3	1	4	0
Case 69	2	234,624,817	237,129,535	4	1	5	0
Case 69	2	237,133,128	238,820,408	3	1	4	0
Case 69	2	238,822,331	239,466,567	4	1	5	0
Case 69	2	239,467,430	241,835,291	3	1	4	0
Case 69	2	241,835,300	241,943,575	4	1	5	0
Case 69	2	241,947,122	242,742,837	3	1	4	0
Case 69	2	242,742,842	243,048,760	4	1	5	0
Case 69	3	61,495	8,358,721	2	2	4	0
Case 69	3	8,359,650	14,708,427	2	0	2	1
Case 69	3	14,708,918	36,981,363	2	2	4	0
Case 69	3	36,982,896	37,125,165	2	1	3	0
Case 69	3	37,125,699	60,288,428	2	2	4	0
Case 69	3	60,289,842	60,396,850	2	0	2	1
Case 69	3	60,403,658	60,453,227	2	1	3	0
Case 69	3	60,458,976	60,523,330	2	2	4	0
Case 69	3	60,531,242	60,563,632	3	0	3	1
Case 69	3	60,566,161	60,602,816	2	2	4	0
Case 69	3	60,603,621	60,895,579	3	0	3	1
Case 69	3	60,898,109	61,177,577	2	0	2	1
Case 69	3	61,177,751	61,178,476	2	1	3	0
Case 69	3	61,184,321	61,273,564	1	0	1	0
Case 69	3	61,273,798	61,277,745	2	0	2	1
Case 69	3	61,280,155	90,442,925	3	0	3	1
Case 69	3	93,537,290	141,683,097	3	0	3	1
Case 69	3	141,691,407	142,285,065	2	0	2	1
Case 69	3	142,287,627	146,221,640	3	0	3	1
Case 69	3	146,231,988	175,113,985	4	2	6	0
Case 69	3	175,115,541	175,156,022	3	2	5	0
Case 69	3	175,165,079	175,281,578	4	0	4	1
Case 69	3	175,282,048	175,282,064	5	0	5	1
Case 69	3	175,291,567	175,291,567	4	0	4	1
Case 69	3	175,293,892	175,293,892	3	0	3	1
Case 69	3	175,293,957	183,729,111	4	2	6	0
Case 69	3	183,729,487	184,328,020	3	2	5	0
Case 69	3	184,331,242	186,225,120	4	2	6	0
Case 69	3	186,226,983	186,394,975	3	2	5	0
Case 69	3	186,395,046	186,395,046	2	2	4	0
Case 69	3	186,395,056	189,611,194	4	2	6	0
Case 69	3	189,612,062	190,292,102	3	3	6	0
Case 69	3	190,293,555	190,293,555	3	2	5	0
Case 69	3	190,294,188	194,061,922	4	2	6	0
Case 69	3	194,061,955	194,448,231	3	2	5	0
Case 69	3	194,452,392	194,452,392	2	2	4	0
Case 69	3	194,461,665	194,892,578	4	2	6	0
Case 69	3	194,894,133	197,838,262	3	2	5	0
Case 69	4	71,566	13,797,533	3	1	4	0
Case 69	4	13,798,314	15,397,906	3	2	5	0
Case 69	4	15,409,103	30,630,382	3	1	4	0
Case 69	4	30,633,334	31,413,759	3	2	5	0
Case 69	4	31,415,607	36,293,143	3	1	4	0
Case 69	4	36,305,264	37,340,671	3	2	5	0
Case 69	4	37,342,620	49,620,898	3	1	4	0
Case 69	4	52,697,856	90,875,910	3	1	4	0
Case 69	4	90,879,406	91,172,438	5	1	6	0
Case 69	4	91,175,600	91,230,144	2	1	3	0
Case 69	4	91,230,448	91,267,470	3	1	4	0



Case 69	4	91,269,591	91,490,629	3	0	3	1
Case 69	4	91,500,284	91,653,148	2	0	2	1
Case 69	4	91,661,745	91,674,460	0	0	0	0
Case 69	4	91,676,401	91,806,782	2	0	2	1
Case 69	4	91,816,783	92,028,969	2	1	3	0
Case 69	4	92,036,269	93,136,797	3	1	4	0
Case 69	4	93,146,144	94,884,472	4	1	5	0
Case 69	4	94,887,031	95,223,325	3	1	4	0
Case 69	4	95,223,349	97,637,435	4	1	5	0
Case 69	4	97,644,876	98,330,337	3	1	4	0
Case 69	4	98,333,918	103,590,196	4	1	5	0
Case 69	4	103,595,227	104,275,452	3	1	4	0
Case 69	4	104,282,146	106,264,681	4	1	5	0
Case 69	4	106,270,291	107,281,920	3	1	4	0
Case 69	4	107,282,566	110,365,426	4	1	5	0
Case 69	4	110,369,533	111,281,932	3	1	4	0
Case 69	4	111,283,708	113,269,731	4	1	5	0
Case 69	4	113,272,049	113,578,609	3	1	4	0
Case 69	4	113,579,162	118,219,581	4	1	5	0
Case 69	4	118,221,551	118,532,328	3	1	4	0
Case 69	4	118,536,785	122,235,791	4	1	5	0
Case 69	4	122,241,609	122,475,832	3	1	4	0
Case 69	4	122,482,578	123,066,575	4	1	5	0
Case 69	4	123,073,009	123,542,048	3	1	4	0
Case 69	4	123,545,648	126,239,986	4	1	5	0
Case 69	4	126,240,377	126,412,154	3	1	4	0
Case 69	4	126,412,283	127,525,235	4	1	5	0
Case 69	4	127,529,033	128,367,991	3	1	4	0
Case 69	4	128,377,396	128,608,896	4	1	5	0
Case 69	4	128,608,907	129,232,129	3	1	4	0
Case 69	4	129,239,583	135,735,591	4	1	5	0
Case 69	4	135,735,630	135,864,154	3	1	4	0
Case 69	4	135,886,041	139,070,297	4	1	5	0
Case 69	4	139,079,966	139,305,290	3	1	4	0
Case 69	4	139,308,745	145,419,510	4	1	5	0
Case 69	4	145,424,843	146,824,778	3	1	4	0
Case 69	4	146,825,650	153,546,415	4	1	5	0
Case 69	4	153,548,037	153,896,982	3	1	4	0
Case 69	4	153,897,004	154,135,457	4	1	5	0
Case 69	4	154,135,588	154,673,127	3	1	4	0
Case 69	4	154,675,860	155,085,018	4	1	5	0
Case 69	4	155,099,604	155,764,635	3	1	4	0
Case 69	4	155,766,258	156,185,574	4	1	5	0
Case 69	4	156,189,220	156,751,055	3	1	4	0
Case 69	4	156,751,082	158,057,746	4	1	5	0
Case 69	4	158,064,484	159,590,841	3	1	4	0
Case 69	4	159,592,282	161,703,960	4	1	5	0
Case 69	4	161,705,136	161,707,186	3	1	4	0
Case 69	4	161,713,693	168,080,117	7	0	7	1
Case 69	4	168,084,157	169,432,673	1	0	1	0
Case 69	4	169,432,951	169,433,511	2	1	3	0
Case 69	4	169,434,602	169,788,148	1	0	1	0
Case 69	4	169,801,952	169,801,952	1	1	2	0
Case 69	4	169,812,782	172,997,356	7	0	7	1
Case 69	4	172,999,916	174,401,970	1	0	1	0
Case 69	4	174,425,236	174,458,901	2	1	3	0
Case 69	4	174,459,823	175,891,945	1	0	1	0
Case 69	4	175,894,380	175,899,103	1	1	2	0
Case 69	4	175,908,720	183,626,332	1	0	1	0
Case 69	4	183,628,586	183,850,395	1	1	2	0
Case 69	4	183,858,411	184,694,959	1	0	1	0

Case 69	4	184,697,378	185,205,210	2	0	2	1
Case 69	4	185,209,537	185,209,537	2	1	3	0
Case 69	4	185,215,134	185,310,015	1	0	1	0
Case 69	4	185,310,218	185,458,566	1	1	2	0
Case 69	4	185,461,350	185,654,723	1	0	1	0
Case 69	4	185,654,837	185,687,373	1	1	2	0
Case 69	4	185,688,754	185,870,383	1	0	1	0
Case 69	4	185,872,178	185,940,205	1	1	2	0
Case 69	4	185,940,785	186,537,232	1	0	1	0
Case 69	4	186,540,503	186,548,084	1	1	2	0
Case 69	4	186,550,283	186,983,342	1	0	1	0
Case 69	4	186,989,333	187,005,064	1	1	2	0
Case 69	4	187,005,854	187,192,481	1	0	1	0
Case 69	4	187,192,903	187,210,090	1	1	2	0
Case 69	4	187,210,247	187,394,590	1	0	1	0
Case 69	4	187,403,169	187,526,002	2	0	2	1
Case 69	4	187,527,259	187,527,321	2	1	3	0
Case 69	4	187,527,472	187,538,942	1	0	1	0
Case 69	4	187,539,125	187,722,479	1	1	2	0
Case 69	4	187,724,314	188,894,402	1	0	1	0
Case 69	4	188,898,937	189,070,726	1	1	2	0
Case 69	4	189,081,654	189,247,773	1	0	1	0
Case 69	4	189,254,197	189,300,970	1	1	2	0
Case 69	4	189,303,096	190,763,337	1	0	1	0
Case 69	4	190,763,591	190,963,766	1	1	2	0
Case 69	5	38,139	3,292,902	3	1	4	0
Case 69	5	3,302,781	7,783,858	2	1	3	0
Case 69	5	7,784,478	13,017,177	3	1	4	0
Case 69	5	13,019,834	17,489,383	4	1	5	0
Case 69	5	17,509,888	30,696,023	3	1	4	0
Case 69	5	30,713,080	30,814,262	7	0	7	1
Case 69	5	30,830,655	33,699,676	6	1	7	0
Case 69	5	33,699,777	33,799,699	7	0	7	1
Case 69	5	33,804,416	40,258,578	5	1	6	0
Case 69	5	40,267,930	44,560,424	4	1	5	0
Case 69	5	44,569,226	46,399,093	3	1	4	0
Case 69	5	49,457,282	51,717,912	3	0	3	1
Case 69	5	51,720,930	52,094,912	4	0	4	1
Case 69	5	52,096,889	53,110,493	3	0	3	1
Case 69	5	53,111,334	53,791,374	4	0	4	1
Case 69	5	53,793,487	55,122,436	3	0	3	1
Case 69	5	55,122,700	55,220,879	4	0	4	1
Case 69	5	55,223,929	56,853,136	3	0	3	1
Case 69	5	56,860,922	57,440,256	4	0	4	1
Case 69	5	57,442,823	58,045,259	3	0	3	1
Case 69	5	58,049,332	58,745,872	4	0	4	1
Case 69	5	58,753,267	60,759,524	3	0	3	1
Case 69	5	60,768,550	61,564,841	4	0	4	1
Case 69	5	61,566,896	63,793,012	3	0	3	1
Case 69	5	63,793,107	64,449,497	4	0	4	1
Case 69	5	64,450,308	65,601,617	3	0	3	1
Case 69	5	65,603,639	66,127,646	4	0	4	1
Case 69	5	66,129,815	73,375,454	3	0	3	1
Case 69	5	73,376,087	73,944,444	4	0	4	1
Case 69	5	73,947,591	75,047,895	3	0	3	1
Case 69	5	75,048,465	75,381,803	4	0	4	1
Case 69	5	75,393,688	80,401,049	3	0	3	1
Case 69	5	80,403,392	80,508,071	4	0	4	1
Case 69	5	80,508,260	82,817,234	3	0	3	1
Case 69	5	82,817,499	82,937,374	4	0	4	1
Case 69	5	82,937,410	95,094,812	3	0	3	1

Case 69	5	95,096,363	96,066,502	4	0	4	1
Case 69	5	96,070,205	97,402,967	3	0	3	1
Case 69	5	97,406,001	97,809,408	4	0	4	1
Case 69	5	97,817,930	106,564,497	3	0	3	1
Case 69	5	106,569,691	106,881,333	4	0	4	1
Case 69	5	106,884,480	114,713,898	3	0	3	1
Case 69	5	114,718,506	115,323,568	4	0	4	1
Case 69	5	115,323,724	115,695,077	3	0	3	1
Case 69	5	115,696,118	115,961,127	4	0	4	1
Case 69	5	115,961,967	121,786,359	3	0	3	1
Case 69	5	121,786,403	122,622,141	4	0	4	1
Case 69	5	122,626,463	131,075,921	3	0	3	1
Case 69	5	131,107,692	131,233,083	4	0	4	1
Case 69	5	131,251,202	131,251,202	5	0	5	1
Case 69	5	131,258,378	131,369,241	6	0	6	1
Case 69	5	131,370,827	131,370,827	5	0	5	1
Case 69	5	131,394,738	132,556,520	3	0	3	1
Case 69	5	132,556,523	132,747,063	4	0	4	1
Case 69	5	132,747,765	135,355,038	3	0	3	1
Case 69	5	135,363,875	135,795,159	4	0	4	1
Case 69	5	135,825,418	136,476,288	3	0	3	1
Case 69	5	136,476,303	136,706,160	4	0	4	1
Case 69	5	136,708,619	139,931,384	3	0	3	1
Case 69	5	139,931,607	139,931,620	2	0	2	1
Case 69	5	139,931,629	139,931,644	0	0	0	0
Case 69	5	139,931,646	139,931,656	2	0	2	1
Case 69	5	139,931,658	140,531,060	3	0	3	1
Case 69	5	140,531,091	140,589,614	4	0	4	1
Case 69	5	140,589,666	141,023,973	3	0	3	1
Case 69	5	141,023,997	141,243,704	4	0	4	1
Case 69	5	141,243,762	142,162,633	3	0	3	1
Case 69	5	142,165,841	142,633,976	4	0	4	1
Case 69	5	142,639,062	142,780,844	3	0	3	1
Case 69	5	142,781,168	143,225,966	4	0	4	1
Case 69	5	143,226,759	144,064,654	3	0	3	1
Case 69	5	144,065,162	144,462,121	4	0	4	1
Case 69	5	144,464,260	145,206,452	3	0	3	1
Case 69	5	145,210,041	145,453,440	4	0	4	1
Case 69	5	145,463,006	145,742,435	3	0	3	1
Case 69	5	145,749,535	146,539,138	4	0	4	1
Case 69	5	146,540,899	146,737,467	3	0	3	1
Case 69	5	146,743,222	147,088,555	4	0	4	1
Case 69	5	147,088,798	148,431,804	3	0	3	1
Case 69	5	148,431,964	148,659,664	4	0	4	1
Case 69	5	148,663,788	151,411,445	3	0	3	1
Case 69	5	151,426,516	151,888,663	4	0	4	1
Case 69	5	151,889,058	153,865,729	3	0	3	1
Case 69	5	153,867,221	153,986,462	2	0	2	1
Case 69	5	153,990,543	154,643,606	3	0	3	1
Case 69	5	154,648,174	155,003,070	4	0	4	1
Case 69	5	155,006,293	159,627,399	3	0	3	1
Case 69	5	159,633,484	159,720,780	4	0	4	1
Case 69	5	159,721,672	167,115,062	3	0	3	1
Case 69	5	167,120,619	167,657,421	4	0	4	1
Case 69	5	167,658,698	168,194,090	3	0	3	1
Case 69	5	168,194,176	172,813,227	4	0	4	1
Case 69	5	172,818,061	173,022,413	5	0	5	1
Case 69	5	173,023,672	180,693,127	4	0	4	1
Case 69	6	108,666	1,580,403	3	1	4	0
Case 69	6	1,580,604	1,730,861	3	2	5	0
Case 69	6	1,735,174	28,137,454	3	1	4	0

Case 69	6	28,137,730	52,847,966	4	1	5	0
Case 69	6	52,848,149	58,752,089	3	1	4	0
Case 69	6	61,891,118	62,593,758	3	1	4	0
Case 69	6	62,604,601	62,775,947	2	1	3	0
Case 69	6	62,786,386	64,404,624	2	2	4	0
Case 69	6	64,404,642	66,527,803	2	1	3	0
Case 69	6	66,528,177	66,945,749	2	2	4	0
Case 69	6	66,948,909	72,073,567	2	1	3	0
Case 69	6	72,081,794	72,662,228	2	2	4	0
Case 69	6	72,662,508	73,043,331	2	1	3	0
Case 69	6	73,048,937	74,115,451	2	2	4	0
Case 69	6	74,117,242	78,172,750	2	1	3	0
Case 69	6	78,172,992	78,264,479	2	2	4	0
Case 69	6	78,265,478	79,912,189	2	1	3	0
Case 69	6	79,913,302	80,177,371	2	2	4	0
Case 69	6	80,178,048	81,092,467	2	1	3	0
Case 69	6	81,103,713	81,309,680	2	2	4	0
Case 69	6	81,313,076	82,578,196	2	1	3	0
Case 69	6	82,585,857	82,795,507	2	2	4	0
Case 69	6	82,796,643	85,343,652	2	1	3	0
Case 69	6	85,347,257	100,955,752	2	2	4	0
Case 69	6	100,957,344	102,616,731	2	1	3	0
Case 69	6	102,623,602	107,253,258	2	2	4	0
Case 69	6	107,256,695	107,673,836	2	1	3	0
Case 69	6	107,687,148	109,771,258	2	2	4	0
Case 69	6	109,771,583	110,037,655	2	1	3	0
Case 69	6	110,050,042	110,914,481	2	2	4	0
Case 69	6	110,924,988	111,709,014	2	1	3	0
Case 69	6	111,736,642	114,837,030	2	2	4	0
Case 69	6	114,842,291	115,685,164	2	1	3	0
Case 69	6	115,691,951	120,442,625	2	2	4	0
Case 69	6	120,449,389	120,544,052	3	2	5	0
Case 69	6	120,559,264	121,339,179	3	1	4	0
Case 69	6	121,345,011	124,739,792	2	1	3	0
Case 69	6	124,743,507	124,785,449	3	1	4	0
Case 69	6	124,794,887	125,116,245	4	1	5	0
Case 69	6	125,122,731	134,217,699	2	1	3	0
Case 69	6	134,229,319	134,445,802	2	0	2	1
Case 69	6	134,447,959	142,773,504	2	1	3	0
Case 69	6	142,777,064	143,778,954	2	2	4	0
Case 69	6	143,780,309	143,825,376	2	1	3	0
Case 69	6	143,827,102	143,984,853	2	0	2	1
Case 69	6	143,994,199	144,319,407	2	2	4	0
Case 69	6	144,323,572	146,123,536	2	1	3	0
Case 69	6	146,125,466	147,851,974	3	0	3	1
Case 69	6	147,852,697	148,007,144	2	0	2	1
Case 69	6	148,015,300	158,171,888	3	0	3	1
Case 69	6	158,178,348	160,206,631	4	0	4	1
Case 69	6	160,207,570	162,349,458	3	0	3	1
Case 69	6	162,349,894	162,460,484	2	0	2	1
Case 69	6	162,461,329	170,980,171	3	0	3	1
Case 69	7	44,935	149,765	3	1	4	0
Case 69	7	152,640	2,472,903	2	2	4	0
Case 69	7	2,472,939	5,572,226	3	2	5	0
Case 69	7	5,578,489	5,814,178	3	1	4	0
Case 69	7	5,814,689	7,804,891	3	2	5	0
Case 69	7	7,805,234	9,956,258	3	3	6	0
Case 69	7	9,957,558	10,004,014	3	2	5	0
Case 69	7	10,006,341	10,044,734	2	2	4	0
Case 69	7	10,054,784	10,093,480	2	0	2	1
Case 69	7	10,096,250	10,096,276	2	2	4	0

Case 69	7	10,097,230	10,129,376	3	2	5	0
Case 69	7	10,130,272	13,336,448	3	3	6	0
Case 69	7	13,344,549	13,348,832	3	2	5	0
Case 69	7	13,358,216	13,358,803	2	2	4	0
Case 69	7	13,368,677	14,369,455	4	2	6	0
Case 69	7	14,371,050	16,238,691	3	3	6	0
Case 69	7	16,242,073	18,436,019	3	2	5	0
Case 69	7	18,446,741	18,661,409	3	1	4	0
Case 69	7	18,664,580	43,789,148	3	2	5	0
Case 69	7	43,797,453	45,108,137	2	2	4	0
Case 69	7	45,109,145	47,851,531	3	2	5	0
Case 69	7	47,851,578	47,942,035	2	2	4	0
Case 69	7	47,942,082	56,018,666	3	2	5	0
Case 69	7	56,020,992	58,019,061	2	2	4	0
Case 69	7	61,056,053	64,452,698	2	2	4	0
Case 69	7	64,452,738	66,030,612	3	2	5	0
Case 69	7	66,067,032	67,796,657	2	2	4	0
Case 69	7	67,797,507	72,193,854	3	2	5	0
Case 69	7	72,193,868	76,198,932	2	2	4	0
Case 69	7	76,209,459	78,434,965	3	2	5	0
Case 69	7	78,438,407	82,516,932	3	3	6	0
Case 69	7	82,518,391	82,893,679	3	2	5	0
Case 69	7	82,911,915	85,594,984	3	3	6	0
Case 69	7	85,608,916	87,029,867	3	2	5	0
Case 69	7	87,030,665	87,105,795	3	3	6	0
Case 69	7	87,106,265	87,224,772	3	2	5	0
Case 69	7	87,224,925	88,946,197	3	3	6	0
Case 69	7	88,951,963	88,966,204	3	2	5	0
Case 69	7	88,969,883	89,897,703	3	3	6	0
Case 69	7	89,899,975	90,792,408	3	2	5	0
Case 69	7	90,794,795	91,207,699	3	3	6	0
Case 69	7	91,208,600	97,821,824	3	2	5	0
Case 69	7	97,821,849	102,100,127	2	2	4	0
Case 69	7	102,100,207	127,447,548	3	2	5	0
Case 69	7	127,454,026	127,991,133	2	2	4	0
Case 69	7	127,994,132	150,353,227	3	2	5	0
Case 69	7	150,369,447	151,330,390	2	2	4	0
Case 69	7	151,335,260	154,414,010	3	2	5	0
Case 69	7	154,414,361	154,925,087	2	2	4	0
Case 69	7	154,932,794	155,377,430	3	2	5	0
Case 69	7	155,382,621	156,012,230	2	2	4	0
Case 69	7	156,012,506	156,757,453	3	2	5	0
Case 69	7	156,757,513	159,119,486	2	2	4	0
Case 69	8	164,984	191,226	1	1	2	0
Case 69	8	193,756	1,681,171	1	0	1	0
Case 69	8	1,681,733	1,791,433	1	1	2	0
Case 69	8	1,794,023	1,807,756	1	0	1	0
Case 69	8	1,808,162	1,839,973	1	1	2	0
Case 69	8	1,840,497	1,905,728	1	0	1	0
Case 69	8	1,905,823	2,061,497	1	1	2	0
Case 69	8	2,063,158	2,089,096	1	0	1	0
Case 69	8	2,091,139	2,104,726	1	1	2	0
Case 69	8	2,104,747	3,193,698	2	1	3	0
Case 69	8	3,194,845	3,264,509	2	0	2	1
Case 69	8	3,265,480	6,129,051	2	1	3	0
Case 69	8	6,136,512	6,155,658	1	0	1	0
Case 69	8	6,159,718	10,372,068	2	1	3	0
Case 69	8	10,377,861	10,755,749	3	1	4	0
Case 69	8	10,755,807	10,914,233	2	1	3	0
Case 69	8	10,924,369	10,924,369	3	1	4	0
Case 69	8	10,937,019	11,623,212	7	0	7	1

Case 69	8	11,627,454	11,778,803	3	1	4	0
Case 69	8	11,786,255	12,545,638	2	1	3	0
Case 69	8	12,551,156	12,551,156	1	1	2	0
Case 69	8	12,554,743	12,559,475	1	0	1	0
Case 69	8	12,568,161	12,768,021	1	1	2	0
Case 69	8	12,769,518	12,916,186	2	1	3	0
Case 69	8	12,917,220	12,957,850	3	1	4	0
Case 69	8	12,958,116	14,090,481	2	1	3	0
Case 69	8	14,091,774	14,093,929	1	0	1	0
Case 69	8	14,095,199	15,617,917	1	1	2	0
Case 69	8	15,618,380	15,716,896	2	1	3	0
Case 69	8	15,718,965	15,732,889	1	0	1	0
Case 69	8	15,738,015	16,664,159	2	1	3	0
Case 69	8	16,668,990	16,676,099	1	0	1	0
Case 69	8	16,679,361	17,713,120	2	1	3	0
Case 69	8	17,714,562	17,720,181	1	0	1	0
Case 69	8	17,721,720	17,922,004	1	1	2	0
Case 69	8	17,924,735	21,273,776	2	1	3	0
Case 69	8	21,275,297	22,104,691	3	1	4	0
Case 69	8	22,105,670	22,227,522	2	1	3	0
Case 69	8	22,238,030	22,488,004	6	0	6	1
Case 69	8	22,491,518	27,630,131	2	1	3	0
Case 69	8	27,630,152	27,690,627	2	0	2	1
Case 69	8	27,702,453	32,584,095	2	1	3	0
Case 69	8	32,584,857	33,096,300	3	1	4	0
Case 69	8	33,115,544	33,371,296	4	1	5	0
Case 69	8	33,384,027	37,027,184	2	1	3	0
Case 69	8	37,030,919	37,247,774	3	1	4	0
Case 69	8	37,259,045	37,809,609	2	1	3	0
Case 69	8	37,815,009	38,139,034	3	1	4	0
Case 69	8	38,139,080	38,445,999	4	1	5	0
Case 69	8	38,446,937	38,457,123	3	1	4	0
Case 69	8	38,460,284	40,569,004	7	0	7	1
Case 69	8	40,569,597	41,577,289	6	0	6	1
Case 69	8	41,580,607	42,044,965	5	0	5	1
Case 69	8	42,045,019	42,087,576	6	0	6	1
Case 69	8	42,099,392	43,646,413	4	1	5	0
Case 69	8	43,657,438	43,740,939	3	1	4	0
Case 69	8	43,784,378	43,791,691	7	0	7	1
Case 69	8	46,886,735	69,843,576	7	0	7	1
Case 69	8	69,850,612	69,850,612	3	1	4	0
Case 69	8	69,852,661	69,852,661	2	1	3	0
Case 69	8	69,855,507	71,528,012	6	0	6	1
Case 69	8	71,529,266	84,341,097	7	0	7	1
Case 69	8	84,373,550	84,374,321	1	0	1	0
Case 69	8	84,377,553	84,378,819	1	1	2	0
Case 69	8	84,389,871	96,801,202	7	0	7	1
Case 69	8	96,804,065	96,804,065	3	1	4	0
Case 69	8	96,804,762	96,804,762	2	1	3	0
Case 69	8	96,812,747	99,258,187	6	0	6	1
Case 69	8	99,259,641	117,722,555	7	0	7	1
Case 69	8	117,725,175	126,983,953	6	0	6	1
Case 69	8	126,984,970	130,547,253	7	0	7	1
Case 69	8	130,554,268	130,554,268	3	1	4	0
Case 69	8	130,554,499	130,554,499	2	1	3	0
Case 69	8	130,564,649	143,020,731	6	0	6	1
Case 69	8	143,034,048	143,394,496	5	0	5	1
Case 69	8	143,395,768	144,687,896	6	0	6	1
Case 69	8	144,687,901	144,942,975	5	0	5	1
Case 69	8	144,943,023	144,990,878	6	0	6	1
Case 69	8	144,990,983	145,665,407	5	0	5	1

Case 69	8	145,665,422	146,293,414	6	0	6	1
Case 69	9	46,587	707,463	2	0	2	1
Case 69	9	710,818	745,219	3	0	3	1
Case 69	9	745,289	9,045,011	2	0	2	1
Case 69	9	9,047,488	9,756,868	0	0	0	0
Case 69	9	9,763,352	17,409,391	2	0	2	1
Case 69	9	17,415,825	17,415,987	0	0	0	0
Case 69	9	17,416,026	29,198,885	2	0	2	1
Case 69	9	29,198,980	29,226,705	3	0	3	1
Case 69	9	29,226,761	29,233,374	4	0	4	1
Case 69	9	29,234,349	29,640,242	5	0	5	1
Case 69	9	29,647,032	32,618,055	3	0	3	1
Case 69	9	32,618,885	33,463,848	4	0	4	1
Case 69	9	33,464,076	35,555,657	3	0	3	1
Case 69	9	35,556,039	35,826,038	4	0	4	1
Case 69	9	35,826,058	36,732,969	3	0	3	1
Case 69	9	36,736,811	37,081,301	4	0	4	1
Case 69	9	37,092,433	37,865,943	3	0	3	1
Case 69	9	37,866,551	38,395,909	4	0	4	1
Case 69	9	38,395,928	40,800,551	3	0	3	1
Case 69	9	41,290,880	46,944,322	4	0	4	1
Case 69	9	65,629,772	71,686,476	4	0	4	1
Case 69	9	71,687,579	72,979,246	3	0	3	1
Case 69	9	72,989,832	73,284,190	4	0	4	1
Case 69	9	73,287,076	78,762,295	3	0	3	1
Case 69	9	78,762,796	78,959,341	4	0	4	1
Case 69	9	78,959,679	85,338,256	3	0	3	1
Case 69	9	85,339,429	85,615,159	4	0	4	1
Case 69	9	85,615,362	85,806,577	3	0	3	1
Case 69	9	85,808,051	86,332,843	4	0	4	1
Case 69	9	86,347,254	86,696,749	3	0	3	1
Case 69	9	86,700,593	86,955,682	4	0	4	1
Case 69	9	86,956,612	87,769,748	3	0	3	1
Case 69	9	87,771,842	88,154,941	4	0	4	1
Case 69	9	88,159,352	89,655,363	3	0	3	1
Case 69	9	89,655,704	89,954,522	4	0	4	1
Case 69	9	89,955,458	93,570,505	3	0	3	1
Case 69	9	93,571,341	94,037,842	4	0	4	1
Case 69	9	94,037,873	97,464,381	3	0	3	1
Case 69	9	97,466,882	97,735,639	4	0	4	1
Case 69	9	97,738,174	98,209,213	3	0	3	1
Case 69	9	98,209,214	98,497,395	4	0	4	1
Case 69	9	98,497,814	98,923,066	3	0	3	1
Case 69	9	98,923,268	98,985,321	4	0	4	1
Case 69	9	98,988,429	101,008,885	3	0	3	1
Case 69	9	101,010,704	101,243,852	4	0	4	1
Case 69	9	101,248,083	104,323,459	3	0	3	1
Case 69	9	104,324,545	104,624,002	4	0	4	1
Case 69	9	104,625,704	107,545,156	3	0	3	1
Case 69	9	107,545,903	107,968,330	4	0	4	1
Case 69	9	107,969,815	109,410,667	3	0	3	1
Case 69	9	109,417,359	109,898,877	4	0	4	1
Case 69	9	109,900,756	110,112,190	3	0	3	1
Case 69	9	110,113,919	110,887,934	4	0	4	1
Case 69	9	110,888,478	111,360,801	3	0	3	1
Case 69	9	111,362,601	111,650,007	4	0	4	1
Case 69	9	111,650,048	111,946,103	3	0	3	1
Case 69	9	111,950,088	112,284,879	4	0	4	1
Case 69	9	112,291,281	112,873,868	3	0	3	1
Case 69	9	112,874,767	112,923,119	4	0	4	1
Case 69	9	112,925,906	114,335,885	3	0	3	1

Case 69	9	114,337,092	114,447,531	4	0	4	1
Case 69	9	114,449,112	114,658,469	3	0	3	1
Case 69	9	114,661,611	114,904,705	4	0	4	1
Case 69	9	114,904,712	117,708,099	3	0	3	1
Case 69	9	117,720,262	118,456,851	4	0	4	1
Case 69	9	118,461,146	121,075,273	3	0	3	1
Case 69	9	121,076,460	121,993,508	4	0	4	1
Case 69	9	121,996,466	122,176,793	3	0	3	1
Case 69	9	122,189,165	123,152,060	4	0	4	1
Case 69	9	123,154,442	124,864,385	3	0	3	1
Case 69	9	124,869,062	124,992,671	4	0	4	1
Case 69	9	124,992,764	126,338,482	3	0	3	1
Case 69	9	126,341,310	126,346,105	2	0	2	1
Case 69	9	126,351,423	126,448,659	0	0	0	0
Case 69	9	126,458,789	126,462,707	2	0	2	1
Case 69	9	126,470,140	128,756,075	3	0	3	1
Case 69	9	128,756,484	128,880,277	4	0	4	1
Case 69	9	128,881,745	141,066,491	3	0	3	1
Case 69	10	98,087	1,195,959	2	2	4	0
Case 69	10	1,198,985	36,584,286	3	2	5	0
Case 69	10	36,587,545	36,891,028	3	3	6	0
Case 69	10	36,892,217	39,097,912	3	2	5	0
Case 69	10	42,436,301	47,086,901	3	2	5	0
Case 69	10	47,086,916	48,386,030	2	2	4	0
Case 69	10	48,387,898	57,750,714	3	2	5	0
Case 69	10	57,757,228	58,510,079	2	2	4	0
Case 69	10	58,518,556	63,149,922	3	2	5	0
Case 69	10	63,157,465	63,786,554	4	2	6	0
Case 69	10	63,787,427	66,551,141	3	2	5	0
Case 69	10	66,555,441	69,333,065	4	2	6	0
Case 69	10	69,348,758	80,021,895	3	2	5	0
Case 69	10	80,022,901	81,251,344	3	3	6	0
Case 69	10	81,294,920	81,388,196	3	2	5	0
Case 69	10	81,577,614	111,622,694	4	0	4	1
Case 69	10	111,624,141	129,899,578	3	3	6	0
Case 69	10	129,899,778	129,913,705	3	2	5	0
Case 69	10	129,913,727	133,748,056	3	3	6	0
Case 69	10	133,750,141	135,477,883	3	2	5	0
Case 69	11	193,146	5,527,164	2	2	4	0
Case 69	11	5,527,709	5,655,233	3	2	5	0
Case 69	11	5,655,956	20,984,077	2	2	4	0
Case 69	11	20,989,375	21,846,894	3	2	5	0
Case 69	11	21,848,074	22,437,287	2	2	4	0
Case 69	11	22,442,119	24,373,079	3	2	5	0
Case 69	11	24,376,454	25,688,809	2	2	4	0
Case 69	11	25,696,461	27,014,032	3	2	5	0
Case 69	11	27,015,219	27,593,701	2	2	4	0
Case 69	11	27,618,265	29,373,478	3	2	5	0
Case 69	11	29,376,704	34,614,555	2	2	4	0
Case 69	11	34,618,756	34,662,120	3	0	3	1
Case 69	11	34,662,961	34,691,134	2	2	4	0
Case 69	11	34,699,269	45,093,614	3	2	5	0
Case 69	11	45,098,100	45,674,599	3	1	4	0
Case 69	11	45,676,823	50,467,961	4	1	5	0
Case 69	11	50,468,978	51,591,253	3	1	4	0
Case 69	11	54,794,237	66,999,244	3	1	4	0
Case 69	11	67,011,765	70,476,810	7	0	7	1
Case 69	11	70,478,801	72,068,077	3	1	4	0
Case 69	11	72,074,803	72,408,055	4	1	5	0
Case 69	11	72,408,077	74,152,044	3	1	4	0
Case 69	11	74,153,240	74,608,347	4	1	5	0



Case 69	11	74,617,443	101,929,618	3	1	4	0
Case 69	11	101,934,867	102,344,923	3	0	3	1
Case 69	11	102,344,999	102,628,052	4	0	4	1
Case 69	11	102,629,293	103,212,919	3	0	3	1
Case 69	11	103,215,631	103,553,195	4	0	4	1
Case 69	11	103,564,065	104,449,474	3	0	3	1
Case 69	11	104,452,042	105,653,069	4	0	4	1
Case 69	11	105,654,319	108,333,536	3	0	3	1
Case 69	11	108,334,321	109,962,432	4	0	4	1
Case 69	11	109,977,505	110,638,732	3	0	3	1
Case 69	11	110,644,532	111,933,088	4	0	4	1
Case 69	11	111,933,355	112,139,158	3	0	3	1
Case 69	11	112,140,332	113,150,050	4	0	4	1
Case 69	11	113,151,099	113,935,094	3	0	3	1
Case 69	11	113,936,466	114,117,921	4	0	4	1
Case 69	11	114,117,994	114,630,293	3	0	3	1
Case 69	11	114,633,879	116,202,789	4	0	4	1
Case 69	11	116,205,687	117,866,403	3	0	3	1
Case 69	11	117,867,189	118,529,635	4	0	4	1
Case 69	11	118,529,703	119,733,857	3	0	3	1
Case 69	11	119,737,648	119,915,024	4	0	4	1
Case 69	11	119,917,309	120,472,569	3	0	3	1
Case 69	11	120,473,377	121,031,063	4	0	4	1
Case 69	11	121,032,819	121,448,090	3	0	3	1
Case 69	11	121,448,108	122,630,289	4	0	4	1
Case 69	11	122,630,672	123,278,907	3	0	3	1
Case 69	11	123,280,309	123,598,918	4	0	4	1
Case 69	11	123,598,941	123,810,604	3	0	3	1
Case 69	11	123,810,745	123,910,740	4	0	4	1
Case 69	11	123,913,397	124,294,256	3	0	3	1
Case 69	11	124,294,349	124,619,682	4	0	4	1
Case 69	11	124,619,709	125,221,281	3	0	3	1
Case 69	11	125,221,410	125,647,298	4	0	4	1
Case 69	11	125,647,897	126,399,532	3	0	3	1
Case 69	11	126,400,534	126,603,928	4	0	4	1
Case 69	11	126,605,034	127,293,049	3	0	3	1
Case 69	11	127,300,006	128,842,906	4	0	4	1
Case 69	11	128,842,940	129,150,067	3	0	3	1
Case 69	11	129,161,105	129,737,989	4	0	4	1
Case 69	11	129,739,546	130,004,113	3	0	3	1
Case 69	11	130,005,478	130,801,649	4	0	4	1
Case 69	11	130,803,634	131,169,949	3	0	3	1
Case 69	11	131,170,006	131,637,662	4	0	4	1
Case 69	11	131,637,822	131,981,706	3	0	3	1
Case 69	11	131,981,852	133,896,537	4	0	4	1
Case 69	11	133,896,873	134,194,937	3	0	3	1
Case 69	11	134,197,635	134,323,342	4	0	4	1
Case 69	11	134,323,455	134,934,063	3	0	3	1
Case 69	12	191,619	5,080,334	3	1	4	0
Case 69	12	5,080,920	5,145,777	3	2	5	0
Case 69	12	5,149,501	28,110,604	3	1	4	0
Case 69	12	28,111,073	28,958,789	3	2	5	0
Case 69	12	28,967,512	34,819,926	3	1	4	0
Case 69	12	34,826,574	34,853,011	3	0	3	1
Case 69	12	37,876,400	41,756,011	3	0	3	1
Case 69	12	41,756,377	41,999,773	4	0	4	1
Case 69	12	42,008,139	46,515,501	3	0	3	1
Case 69	12	46,516,129	47,421,358	4	0	4	1
Case 69	12	47,422,931	48,192,588	3	0	3	1
Case 69	12	48,192,630	48,596,742	4	0	4	1
Case 69	12	48,596,765	52,226,477	3	0	3	1

Case 69	12	52,227,498	52,362,786	4	0	4	1
Case 69	12	52,369,300	55,953,568	3	0	3	1
Case 69	12	55,966,101	56,086,735	4	0	4	1
Case 69	12	56,086,986	63,004,583	3	0	3	1
Case 69	12	63,007,936	63,318,123	4	0	4	1
Case 69	12	63,318,300	64,928,957	3	0	3	1
Case 69	12	64,930,823	65,898,179	4	0	4	1
Case 69	12	65,901,140	66,597,527	5	0	5	1
Case 69	12	66,597,607	66,725,100	4	0	4	1
Case 69	12	66,725,137	76,424,603	5	0	5	1
Case 69	12	76,424,615	76,948,360	4	0	4	1
Case 69	12	76,949,445	94,642,175	5	0	5	1
Case 69	12	94,642,865	95,731,336	4	0	4	1
Case 69	12	95,732,596	98,938,295	5	0	5	1
Case 69	12	98,941,552	99,117,007	4	0	4	1
Case 69	12	99,119,209	100,215,417	5	0	5	1
Case 69	12	100,227,984	101,076,105	4	0	4	1
Case 69	12	101,080,651	101,654,560	5	0	5	1
Case 69	12	101,660,809	101,905,587	4	0	4	1
Case 69	12	101,915,770	104,081,723	5	0	5	1
Case 69	12	104,081,964	104,942,386	4	0	4	1
Case 69	12	104,942,828	107,910,558	5	0	5	1
Case 69	12	107,914,392	108,712,781	4	0	4	1
Case 69	12	108,714,720	108,910,756	5	0	5	1
Case 69	12	108,912,178	115,670,586	4	0	4	1
Case 69	12	115,670,852	116,792,092	5	0	5	1
Case 69	12	116,792,630	117,767,578	4	0	4	1
Case 69	12	117,768,154	118,419,640	5	0	5	1
Case 69	12	118,421,893	119,275,707	4	0	4	1
Case 69	12	119,284,639	119,840,132	5	0	5	1
Case 69	12	119,840,700	125,998,151	4	0	4	1
Case 69	12	126,000,622	129,660,556	5	0	5	1
Case 69	12	129,664,910	133,810,935	4	0	4	1
Case 69	13	19,058,717	96,377,459	4	0	4	1
Case 69	13	96,386,643	96,555,295	3	0	3	1
Case 69	13	96,558,456	113,771,107	4	0	4	1
Case 69	13	113,771,160	114,526,503	3	0	3	1
Case 69	13	114,527,838	115,103,529	4	0	4	1
Case 69	14	19,280,733	19,280,733	2	2	4	0
Case 69	14	19,327,823	19,401,281	3	1	4	0
Case 69	14	19,464,123	20,416,499	4	2	6	0
Case 69	14	20,420,338	22,427,444	3	2	5	0
Case 69	14	22,428,984	22,959,592	3	3	6	0
Case 69	14	22,961,102	24,327,790	3	2	5	0
Case 69	14	24,336,007	24,807,132	2	2	4	0
Case 69	14	24,807,195	25,757,475	3	2	5	0
Case 69	14	25,757,745	89,134,686	2	2	4	0
Case 69	14	89,145,290	89,214,194	2	0	2	1
Case 69	14	89,218,262	107,287,663	2	2	4	0
Case 69	15	20,034,919	24,742,652	5	0	5	1
Case 69	15	24,785,200	31,016,479	3	0	3	1
Case 69	15	31,022,319	31,723,279	2	0	2	1
Case 69	15	31,726,824	33,685,830	3	0	3	1
Case 69	15	33,685,845	33,794,552	4	0	4	1
Case 69	15	33,795,950	33,923,314	3	0	3	1
Case 69	15	33,923,690	34,134,072	4	0	4	1
Case 69	15	34,134,154	34,760,648	3	0	3	1
Case 69	15	34,761,495	35,145,065	4	0	4	1
Case 69	15	35,147,345	35,997,564	3	0	3	1
Case 69	15	36,003,865	36,293,605	4	0	4	1
Case 69	15	36,304,240	36,594,061	3	0	3	1

Case 69	15	36,596,514	37,454,159	4	0	4	1
Case 69	15	37,454,580	38,153,157	3	0	3	1
Case 69	15	38,157,362	38,524,264	4	0	4	1
Case 69	15	38,528,399	38,786,861	3	0	3	1
Case 69	15	38,790,885	39,243,457	4	0	4	1
Case 69	15	39,243,639	42,430,535	3	0	3	1
Case 69	15	42,431,142	42,463,458	4	0	4	1
Case 69	15	42,468,617	45,397,885	3	0	3	1
Case 69	15	45,397,993	45,453,075	4	0	4	1
Case 69	15	45,453,119	47,660,902	3	0	3	1
Case 69	15	47,661,431	47,825,083	4	0	4	1
Case 69	15	47,828,485	48,100,881	3	0	3	1
Case 69	15	48,105,416	48,210,354	4	0	4	1
Case 69	15	48,211,710	51,414,275	3	0	3	1
Case 69	15	51,416,550	51,698,525	4	0	4	1
Case 69	15	51,725,395	52,981,874	3	0	3	1
Case 69	15	52,983,294	53,669,574	4	0	4	1
Case 69	15	53,670,288	54,190,069	3	0	3	1
Case 69	15	54,191,381	54,529,770	4	0	4	1
Case 69	15	54,531,423	57,574,723	3	0	3	1
Case 69	15	57,575,916	58,203,031	4	0	4	1
Case 69	15	58,210,398	58,442,332	3	0	3	1
Case 69	15	58,442,389	58,839,272	4	0	4	1
Case 69	15	58,839,298	60,580,333	3	0	3	1
Case 69	15	60,582,457	62,121,608	4	0	4	1
Case 69	15	62,122,798	62,359,864	3	0	3	1
Case 69	15	62,359,876	63,323,779	4	0	4	1
Case 69	15	63,323,880	66,396,554	3	0	3	1
Case 69	15	66,397,022	66,496,226	2	0	2	1
Case 69	15	66,498,409	67,322,068	3	0	3	1
Case 69	15	67,324,387	67,528,374	4	0	4	1
Case 69	15	67,528,398	68,612,714	3	0	3	1
Case 69	15	68,613,787	68,703,268	4	0	4	1
Case 69	15	68,704,761	69,808,890	3	0	3	1
Case 69	15	69,822,411	70,925,292	4	0	4	1
Case 69	15	70,938,445	71,410,495	3	0	3	1
Case 69	15	71,414,363	71,734,221	4	0	4	1
Case 69	15	71,737,376	75,942,786	3	0	3	1
Case 69	15	75,944,458	76,071,821	4	0	4	1
Case 69	15	76,072,030	76,426,621	3	0	3	1
Case 69	15	76,427,994	76,726,440	4	0	4	1
Case 69	15	76,726,465	79,266,570	3	0	3	1
Case 69	15	79,266,998	79,855,129	4	0	4	1
Case 69	15	79,856,293	86,243,837	3	0	3	1
Case 69	15	86,245,815	86,822,926	4	0	4	1
Case 69	15	86,824,749	87,847,188	3	0	3	1
Case 69	15	87,848,502	87,882,097	2	0	2	1
Case 69	15	87,883,832	88,214,711	3	0	3	1
Case 69	15	88,215,570	88,265,779	4	0	4	1
Case 69	15	88,272,469	91,909,875	5	0	5	1
Case 69	15	91,912,124	92,272,653	6	0	6	1
Case 69	15	92,273,105	94,670,976	5	0	5	1
Case 69	15	94,674,058	96,608,104	6	0	6	1
Case 69	15	96,608,959	96,816,581	5	0	5	1
Case 69	15	96,830,550	97,566,769	6	0	6	1
Case 69	15	97,571,541	97,593,545	5	0	5	1
Case 69	15	97,593,989	97,911,386	3	0	3	1
Case 69	15	97,915,636	97,915,636	2	0	2	1
Case 69	15	97,921,075	97,925,467	0	0	0	0
Case 69	15	97,929,159	97,972,260	2	0	2	1
Case 69	15	97,982,644	98,304,173	3	0	3	1

Case 69	15	98,304,530	98,493,891	4	0	4	1
Case 69	15	98,494,478	98,821,041	3	0	3	1
Case 69	15	98,823,279	98,984,369	4	0	4	1
Case 69	15	98,995,065	99,666,979	3	0	3	1
Case 69	15	99,667,686	99,672,722	4	0	4	1
Case 69	15	99,672,750	101,928,425	3	0	3	1
Case 69	15	101,929,740	102,157,749	4	0	4	1
Case 69	15	102,160,040	102,461,162	3	0	3	1
Case 69	16	88,165	336,872	2	1	3	0
Case 69	16	336,892	336,898	1	0	1	0
Case 69	16	336,916	2,331,173	1	1	2	0
Case 69	16	2,331,174	10,429,655	2	1	3	0
Case 69	16	10,429,756	10,589,345	2	0	2	1
Case 69	16	10,591,887	20,034,996	2	1	3	0
Case 69	16	20,037,965	20,752,983	2	2	4	0
Case 69	16	20,757,597	20,999,124	2	1	3	0
Case 69	16	20,999,139	21,313,377	2	2	4	0
Case 69	16	21,314,612	22,134,964	2	1	3	0
Case 69	16	22,134,971	23,013,555	2	2	4	0
Case 69	16	23,016,854	23,653,020	2	1	3	0
Case 69	16	23,666,557	24,088,187	2	2	4	0
Case 69	16	24,088,428	24,231,412	2	1	3	0
Case 69	16	24,231,449	24,507,139	2	2	4	0
Case 69	16	24,508,117	24,835,018	2	1	3	0
Case 69	16	24,835,081	27,356,335	2	2	4	0
Case 69	16	27,356,667	35,285,582	2	1	3	0
Case 69	16	46,450,037	53,191,383	2	1	3	0
Case 69	16	53,196,042	53,321,734	1	0	1	0
Case 69	16	53,321,892	66,962,411	2	1	3	0
Case 69	16	66,963,408	66,964,191	2	0	2	1
Case 69	16	66,969,457	66,978,777	0	0	0	0
Case 69	16	66,985,906	66,997,784	2	0	2	1
Case 69	16	66,997,813	70,883,827	2	1	3	0
Case 69	16	70,884,501	71,171,142	3	1	4	0
Case 69	16	71,171,147	71,681,153	2	1	3	0
Case 69	16	71,682,803	71,862,133	2	0	2	1
Case 69	16	71,868,168	78,151,746	2	1	3	0
Case 69	16	78,153,157	78,164,351	1	0	1	0
Case 69	16	78,164,805	78,164,805	1	1	2	0
Case 69	16	78,167,690	78,167,690	1	0	1	0
Case 69	16	78,167,906	78,265,836	1	1	2	0
Case 69	16	78,267,097	78,410,634	1	0	1	0
Case 69	16	78,413,896	78,476,581	1	1	2	0
Case 69	16	78,477,548	78,641,740	2	1	3	0
Case 69	16	78,648,998	78,739,257	2	0	2	1
Case 69	16	78,749,341	81,170,391	2	1	3	0
Case 69	16	81,170,741	81,171,090	2	0	2	1
Case 69	16	81,171,635	81,175,103	0	0	0	0
Case 69	16	81,180,988	81,183,382	2	0	2	1
Case 69	16	81,183,421	90,274,695	2	1	3	0
Case 69	17	11,885	10,618,883	3	0	3	1
Case 69	17	10,625,803	11,671,089	4	0	4	1
Case 69	17	11,672,500	14,344,249	3	0	3	1
Case 69	17	14,344,458	14,741,655	4	0	4	1
Case 69	17	14,742,261	22,242,355	3	0	3	1
Case 69	17	25,268,142	25,268,142	3	0	3	1
Case 69	17	25,295,032	27,502,029	2	0	2	1
Case 69	17	27,504,921	31,334,129	3	0	3	1
Case 69	17	31,336,258	32,312,365	4	0	4	1
Case 69	17	32,314,417	35,178,497	3	0	3	1
Case 69	17	35,184,013	35,281,526	4	0	4	1

Case 69	17	35,282,364	44,408,792	3	0	3	1
Case 69	17	44,580,136	45,050,533	4	0	4	1
Case 69	17	45,051,129	46,563,757	3	0	3	1
Case 69	17	46,567,134	46,738,883	4	0	4	1
Case 69	17	46,743,914	49,446,433	3	0	3	1
Case 69	17	49,446,896	50,467,639	4	0	4	1
Case 69	17	50,472,547	51,896,003	3	0	3	1
Case 69	17	51,899,649	51,914,886	4	0	4	1
Case 69	17	51,923,536	53,320,060	3	0	3	1
Case 69	17	53,322,324	53,392,852	4	0	4	1
Case 69	17	53,397,150	53,453,103	3	0	3	1
Case 69	17	53,455,706	53,544,670	4	0	4	1
Case 69	17	53,554,764	54,580,408	3	0	3	1
Case 69	17	54,585,660	54,967,404	4	0	4	1
Case 69	17	54,967,528	55,522,384	3	0	3	1
Case 69	17	55,522,450	55,765,804	4	0	4	1
Case 69	17	55,767,444	56,436,023	3	0	3	1
Case 69	17	56,436,109	56,621,286	4	0	4	1
Case 69	17	56,621,519	59,340,859	3	0	3	1
Case 69	17	59,342,375	59,669,134	4	0	4	1
Case 69	17	59,669,889	63,352,965	3	0	3	1
Case 69	17	63,353,913	63,726,734	4	0	4	1
Case 69	17	63,726,773	64,513,878	3	0	3	1
Case 69	17	64,517,960	65,065,890	4	0	4	1
Case 69	17	65,066,096	66,303,352	3	0	3	1
Case 69	17	66,303,666	66,864,240	4	0	4	1
Case 69	17	66,864,324	67,420,433	3	0	3	1
Case 69	17	67,422,367	68,037,136	4	0	4	1
Case 69	17	68,048,572	68,990,369	3	0	3	1
Case 69	17	68,992,972	69,533,225	4	0	4	1
Case 69	17	69,534,344	70,074,148	3	0	3	1
Case 69	17	70,086,350	70,790,777	4	0	4	1
Case 69	17	70,792,557	81,060,040	3	0	3	1
Case 69	18	87,505	15,375,878	2	1	3	0
Case 69	18	18,520,354	19,080,209	2	1	3	0
Case 69	18	19,093,933	19,156,645	3	1	4	0
Case 69	18	19,177,285	20,683,093	7	0	7	1
Case 69	18	20,691,263	20,691,263	3	1	4	0
Case 69	18	20,700,413	22,721,515	5	1	6	0
Case 69	18	22,722,077	22,830,779	4	1	5	0
Case 69	18	22,842,053	23,225,488	3	1	4	0
Case 69	18	23,230,546	24,123,067	7	0	7	1
Case 69	18	24,125,684	24,358,956	3	1	4	0
Case 69	18	24,362,758	25,039,212	4	1	5	0
Case 69	18	25,048,913	25,644,458	2	1	3	0
Case 69	18	25,647,288	25,647,288	3	1	4	0
Case 69	18	25,650,000	26,037,479	7	0	7	1
Case 69	18	26,045,622	26,049,216	3	1	4	0
Case 69	18	26,055,555	29,407,246	2	1	3	0
Case 69	18	29,409,319	29,511,423	2	0	2	1
Case 69	18	29,527,884	36,153,889	2	1	3	0
Case 69	18	36,160,017	36,532,976	1	0	1	0
Case 69	18	36,537,526	51,024,516	2	1	3	0
Case 69	18	51,025,796	69,495,322	2	2	4	0
Case 69	18	69,495,815	69,935,826	2	1	3	0
Case 69	18	69,940,218	76,707,478	2	2	4	0
Case 69	18	76,711,024	77,163,929	2	1	3	0
Case 69	18	77,164,243	78,015,180	2	2	4	0
Case 69	19	260,912	24,629,285	3	0	3	1
Case 69	19	27,732,159	33,470,924	3	0	3	1
Case 69	19	33,476,866	59,097,160	4	0	4	1

Case 69	20	63,244	6,640,836	4	0	4	1
Case 69	20	6,643,172	7,595,488	5	0	5	1
Case 69	20	7,601,460	8,006,128	4	0	4	1
Case 69	20	8,007,491	9,011,322	5	0	5	1
Case 69	20	9,012,010	9,162,109	4	0	4	1
Case 69	20	9,164,119	9,951,283	5	0	5	1
Case 69	20	9,952,845	10,726,128	4	0	4	1
Case 69	20	10,726,917	11,670,266	5	0	5	1
Case 69	20	11,682,450	13,970,791	4	0	4	1
Case 69	20	13,971,152	14,780,319	3	0	3	1
Case 69	20	14,781,684	14,785,705	2	0	2	1
Case 69	20	14,794,361	14,865,156	0	0	0	0
Case 69	20	14,867,228	15,031,044	2	0	2	1
Case 69	20	15,037,065	15,041,361	3	0	3	1
Case 69	20	15,041,578	15,264,901	4	0	4	1
Case 69	20	15,267,242	24,938,195	5	0	5	1
Case 69	20	24,939,601	25,723,632	4	0	4	1
Case 69	20	25,730,968	26,293,985	5	0	5	1
Case 69	20	29,425,357	37,667,182	5	0	5	1
Case 69	20	37,673,967	43,834,313	6	0	6	1
Case 69	20	43,836,015	43,897,362	5	0	5	1
Case 69	20	43,897,590	56,098,733	6	0	6	1
Case 69	20	56,098,806	56,140,711	5	0	5	1
Case 69	20	56,140,726	60,312,387	6	0	6	1
Case 69	20	60,313,492	62,948,788	5	0	5	1
Case 69	21	10,827,533	10,942,992	2	0	2	1
Case 69	21	10,970,025	10,971,337	2	2	4	0
Case 69	21	14,368,320	17,150,333	2	2	4	0
Case 69	21	17,166,671	19,167,479	3	2	5	0
Case 69	21	19,167,581	19,169,133	2	2	4	0
Case 69	21	19,169,155	19,607,543	4	2	6	0
Case 69	21	19,620,419	19,814,993	2	1	3	0
Case 69	21	19,815,521	22,482,247	2	2	4	0
Case 69	21	22,483,336	22,718,691	2	1	3	0
Case 69	21	22,722,989	23,783,406	5	1	6	0
Case 69	21	23,787,309	24,610,614	2	1	3	0
Case 69	21	24,613,586	24,752,694	2	2	4	0
Case 69	21	24,762,671	24,971,873	2	1	3	0
Case 69	21	24,973,510	33,642,808	2	2	4	0
Case 69	21	33,642,837	34,319,784	2	1	3	0
Case 69	21	34,320,365	34,753,038	2	2	4	0
Case 69	21	34,759,876	35,193,395	2	1	3	0
Case 69	21	35,199,880	40,550,534	2	2	4	0
Case 69	21	40,551,877	40,807,360	2	1	3	0
Case 69	21	40,816,339	44,272,389	2	2	4	0
Case 69	21	44,273,813	44,486,404	2	1	3	0
Case 69	21	44,486,463	44,721,579	2	2	4	0
Case 69	21	44,722,695	45,108,038	2	1	3	0
Case 69	21	45,108,044	45,491,915	2	2	4	0
Case 69	21	45,494,290	46,057,651	2	1	3	0
Case 69	21	46,057,656	46,698,256	2	2	4	0
Case 69	21	46,702,264	46,821,491	2	1	3	0
Case 69	21	46,821,757	46,876,044	2	2	4	0
Case 69	21	46,876,045	48,100,155	2	1	3	0
Case 69	22	16,114,244	16,456,970	5	0	5	1
Case 69	22	16,515,222	17,280,822	3	0	3	1
Case 69	22	17,280,882	19,889,423	4	0	4	1
Case 69	22	19,889,825	20,132,858	3	0	3	1
Case 69	22	20,135,961	38,025,556	4	0	4	1
Case 69	22	38,026,059	38,536,076	3	0	3	1
Case 69	22	38,539,282	46,541,227	4	0	4	1

Case 69	22	46,545,945	46,795,141	3	0	3	1
Case 69	22	46,795,523	50,186,514	4	0	4	1
Case 69	22	50,187,715	50,978,262	3	0	3	1
Case 69	22	50,980,818	51,195,728	4	0	4	1
Case 70	1	82,154	93,297,180	2	1	3	0
Case 70	1	93,303,603	121,346,616	2	0	2	1
Case 70	1	142,649,718	144,816,621	2	0	2	1
Case 70	1	144,854,574	145,696,168	2	1	3	0
Case 70	1	145,698,959	147,381,444	2	2	4	0
Case 70	1	147,381,558	149,908,108	2	1	3	0
Case 70	1	149,909,495	149,938,745	2	2	4	0
Case 70	1	149,943,111	150,811,005	3	1	4	0
Case 70	1	150,814,174	151,260,715	2	1	3	0
Case 70	1	151,262,200	151,824,089	2	2	4	0
Case 70	1	151,824,781	152,331,354	2	1	3	0
Case 70	1	152,343,893	155,203,060	2	2	4	0
Case 70	1	155,205,022	156,083,468	2	1	3	0
Case 70	1	156,088,526	157,910,302	2	2	4	0
Case 70	1	157,914,330	158,701,420	2	1	3	0
Case 70	1	158,704,144	159,785,428	2	2	4	0
Case 70	1	159,785,447	161,187,847	2	1	3	0
Case 70	1	161,189,713	234,764,925	2	2	4	0
Case 70	1	234,764,966	234,851,396	2	1	3	0
Case 70	1	234,853,059	235,114,594	3	1	4	0
Case 70	1	235,115,509	235,499,263	2	1	3	0
Case 70	1	235,500,649	236,702,210	2	2	4	0
Case 70	1	236,702,219	236,898,395	2	1	3	0
Case 70	1	236,899,042	245,572,481	2	2	4	0
Case 70	1	245,572,552	245,774,993	3	0	3	1
Case 70	1	245,775,183	245,793,993	1	1	2	0
Case 70	1	245,804,664	245,808,095	2	1	3	0
Case 70	1	245,809,479	246,001,034	2	2	4	0
Case 70	1	246,001,939	249,218,992	2	1	3	0
Case 70	2	18,674	43,109,042	2	1	3	0
Case 70	2	43,109,583	43,419,886	3	1	4	0
Case 70	2	43,423,870	92,081,640	2	1	3	0
Case 70	2	95,429,424	222,430,983	2	1	3	0
Case 70	2	222,432,320	222,721,065	2	0	2	1
Case 70	2	222,729,505	243,048,760	2	1	3	0
Case 70	3	61,495	58,148,979	2	0	2	1
Case 70	3	58,149,042	58,149,417	2	1	3	0
Case 70	3	58,154,223	58,849,291	3	0	3	1
Case 70	3	58,849,343	60,095,853	2	0	2	1
Case 70	3	60,098,968	60,292,606	3	0	3	1
Case 70	3	60,295,081	60,643,045	1	0	1	0
Case 70	3	60,647,540	90,442,925	2	0	2	1
Case 70	3	93,537,290	93,537,290	2	0	2	1
Case 70	3	93,545,404	93,776,736	2	1	3	0
Case 70	3	93,779,860	121,324,643	2	2	4	0
Case 70	3	121,324,957	121,670,405	2	1	3	0
Case 70	3	121,705,842	195,474,176	2	2	4	0
Case 70	3	195,475,900	195,902,930	2	1	3	0
Case 70	3	195,904,315	197,238,540	2	2	4	0
Case 70	3	197,238,780	197,838,262	2	1	3	0
Case 70	4	71,566	71,566	3	0	3	1
Case 70	4	74,983	442,021	1	0	1	0
Case 70	4	445,794	1,988,193	1	1	2	0
Case 70	4	1,989,684	2,065,658	3	1	4	0
Case 70	4	2,065,946	2,307,012	1	0	1	0
Case 70	4	2,307,087	49,620,898	1	1	2	0
Case 70	4	52,697,856	190,963,766	1	1	2	0

Case 70	5	38,139	21,844,034	2	0	2	1
Case 70	5	21,847,419	21,906,641	2	1	3	0
Case 70	5	21,907,093	21,999,692	3	0	3	1
Case 70	5	22,006,171	24,264,090	1	0	1	0
Case 70	5	24,269,794	24,274,495	2	1	3	0
Case 70	5	24,279,987	46,399,093	2	0	2	1
Case 70	5	49,457,282	70,979,768	2	0	2	1
Case 70	5	70,980,721	71,169,505	4	0	4	1
Case 70	5	71,174,721	149,901,055	2	0	2	1
Case 70	5	149,901,150	149,937,739	2	1	3	0
Case 70	5	149,946,821	150,428,195	3	0	3	1
Case 70	5	150,428,871	180,693,127	2	0	2	1
Case 70	6	108,666	19,529,446	2	0	2	1
Case 70	6	19,532,627	19,532,627	2	1	3	0
Case 70	6	19,534,362	19,575,499	1	1	2	0
Case 70	6	19,589,595	19,660,872	7	0	7	1
Case 70	6	19,664,481	21,298,458	5	1	6	0
Case 70	6	21,299,738	21,312,967	3	1	4	0
Case 70	6	21,313,844	21,332,460	2	1	3	0
Case 70	6	21,334,986	27,351,931	2	2	4	0
Case 70	6	27,353,114	28,244,741	2	1	3	0
Case 70	6	28,250,236	29,732,302	2	2	4	0
Case 70	6	29,732,430	30,209,493	2	1	3	0
Case 70	6	30,209,515	30,389,323	2	2	4	0
Case 70	6	30,391,723	30,719,909	2	1	3	0
Case 70	6	30,720,311	31,079,703	2	2	4	0
Case 70	6	31,079,754	31,125,823	3	1	4	0
Case 70	6	31,126,252	31,428,967	2	1	3	0
Case 70	6	31,429,927	31,651,247	2	2	4	0
Case 70	6	31,654,448	32,158,319	2	1	3	0
Case 70	6	32,159,157	32,273,765	2	2	4	0
Case 70	6	32,274,756	32,298,814	2	1	3	0
Case 70	6	32,298,942	32,434,939	2	2	4	0
Case 70	6	32,435,044	32,548,032	2	1	3	0
Case 70	6	32,548,464	32,788,878	2	2	4	0
Case 70	6	32,789,480	32,981,555	2	1	3	0
Case 70	6	32,981,647	33,179,062	2	2	4	0
Case 70	6	33,179,660	33,638,949	2	1	3	0
Case 70	6	33,639,821	42,835,487	2	2	4	0
Case 70	6	42,836,583	43,172,843	2	1	3	0
Case 70	6	43,173,161	45,530,471	2	2	4	0
Case 70	6	45,530,668	48,925,998	4	2	6	0
Case 70	6	48,928,544	58,752,089	2	1	3	0
Case 70	6	61,891,118	87,491,157	2	1	3	0
Case 70	6	87,492,241	92,941,472	1	1	2	0
Case 70	6	92,942,447	119,591,307	2	1	3	0
Case 70	6	119,592,620	120,983,610	3	1	4	0
Case 70	6	120,985,483	125,921,642	2	1	3	0
Case 70	6	125,922,477	126,334,193	3	1	4	0
Case 70	6	126,334,241	135,487,614	2	1	3	0
Case 70	6	135,490,898	135,680,464	3	1	4	0
Case 70	6	135,696,597	148,614,267	2	1	3	0
Case 70	6	148,617,199	148,869,636	2	0	2	1
Case 70	6	148,869,910	155,337,220	2	1	3	0
Case 70	6	155,345,181	155,695,650	4	1	5	0
Case 70	6	155,697,906	155,742,113	2	2	4	0
Case 70	6	155,743,245	155,743,917	2	1	3	0
Case 70	6	155,748,212	155,749,404	1	1	2	0
Case 70	6	155,750,012	156,122,600	7	0	7	1
Case 70	6	156,126,988	156,290,380	6	1	7	0
Case 70	6	156,293,797	156,348,083	3	1	4	0



Case 70	6	156,348,805	170,980,171	2	0	2	1
Case 70	7	44,935	1,203,957	2	1	3	0
Case 70	7	1,213,127	5,477,922	3	1	4	0
Case 70	7	5,480,451	7,152,178	2	1	3	0
Case 70	7	7,163,442	11,334,427	3	1	4	0
Case 70	7	11,335,132	11,451,932	2	1	3	0
Case 70	7	11,456,165	11,938,060	2	0	2	1
Case 70	7	11,938,607	26,232,150	2	1	3	0
Case 70	7	26,234,302	52,917,246	3	1	4	0
Case 70	7	52,922,213	54,781,060	2	1	3	0
Case 70	7	54,783,915	56,049,918	3	1	4	0
Case 70	7	56,049,954	56,681,252	3	0	3	1
Case 70	7	56,689,209	58,019,061	1	0	1	0
Case 70	7	61,056,053	62,641,533	1	0	1	0
Case 70	7	62,656,497	73,826,693	1	1	2	0
Case 70	7	73,862,412	100,674,464	2	1	3	0
Case 70	7	100,674,467	100,691,291	1	1	2	0
Case 70	7	100,691,298	159,119,486	2	1	3	0
Case 70	8	164,984	43,791,691	1	1	2	0
Case 70	8	46,886,735	58,065,790	1	1	2	0
Case 70	8	58,077,248	80,032,735	2	1	3	0
Case 70	8	80,045,426	90,784,979	2	2	4	0
Case 70	8	90,784,991	90,860,838	3	0	3	1
Case 70	8	90,863,793	91,081,580	1	0	1	0
Case 70	8	91,082,062	91,214,786	2	1	3	0
Case 70	8	91,222,654	99,445,122	2	2	4	0
Case 70	8	99,450,646	101,104,014	2	1	3	0
Case 70	8	101,104,202	128,725,947	2	2	4	0
Case 70	8	128,730,554	128,865,471	2	1	3	0
Case 70	8	128,878,635	129,082,378	2	0	2	1
Case 70	8	129,083,584	146,293,414	2	2	4	0
Case 70	9	46,587	5,787,439	2	0	2	1
Case 70	9	5,787,566	6,534,845	2	1	3	0
Case 70	9	6,535,057	14,833,488	2	0	2	1
Case 70	9	14,834,172	14,941,672	4	0	4	1
Case 70	9	14,947,472	31,872,624	2	0	2	1
Case 70	9	31,873,011	32,120,093	4	1	5	0
Case 70	9	32,121,610	32,456,017	2	2	4	0
Case 70	9	32,456,656	34,256,618	2	1	3	0
Case 70	9	34,256,634	36,952,743	2	0	2	1
Case 70	9	36,956,031	38,257,360	2	1	3	0
Case 70	9	38,258,023	40,774,091	2	0	2	1
Case 70	9	40,774,167	46,944,322	2	1	3	0
Case 70	9	65,629,772	93,941,796	2	1	3	0
Case 70	9	93,944,244	93,951,043	1	1	2	0
Case 70	9	93,952,940	94,153,356	7	0	7	1
Case 70	9	94,153,503	94,258,836	5	1	6	0
Case 70	9	94,259,474	94,626,543	3	1	4	0
Case 70	9	94,629,592	95,375,417	2	1	3	0
Case 70	9	95,378,124	98,468,885	3	1	4	0
Case 70	9	98,473,646	130,630,342	1	1	2	0
Case 70	9	130,630,632	130,863,627	2	1	3	0
Case 70	9	130,864,716	141,066,491	1	1	2	0
Case 70	10	98,087	39,097,912	2	1	3	0
Case 70	10	42,436,301	74,268,031	2	1	3	0
Case 70	10	74,293,891	74,884,891	1	1	2	0
Case 70	10	74,884,892	105,330,634	2	1	3	0
Case 70	10	105,331,459	106,202,531	3	1	4	0
Case 70	10	106,207,209	135,477,883	2	1	3	0
Case 70	11	193,146	284,636	2	1	3	0
Case 70	11	285,188	563,289	2	2	4	0

Case 70	11	563,303	810,318	2	1	3	0
Case 70	11	810,882	1,013,929	2	2	4	0
Case 70	11	1,013,992	50,381,750	2	1	3	0
Case 70	11	50,417,549	51,591,253	2	0	2	1
Case 70	11	54,794,237	55,111,500	2	0	2	1
Case 70	11	55,111,584	111,633,570	2	1	3	0
Case 70	11	111,634,255	134,934,063	2	0	2	1
Case 70	12	191,619	7,045,879	1	1	2	0
Case 70	12	7,046,003	7,476,145	2	1	3	0
Case 70	12	7,476,894	12,204,205	1	1	2	0
Case 70	12	12,204,745	13,380,486	2	1	3	0
Case 70	12	13,385,412	24,334,950	1	1	2	0
Case 70	12	24,336,190	31,795,208	7	0	7	1
Case 70	12	31,797,795	32,124,411	5	1	6	0
Case 70	12	32,128,219	32,141,419	3	1	4	0
Case 70	12	32,143,302	32,144,856	1	1	2	0
Case 70	12	32,147,712	34,853,011	7	0	7	1
Case 70	12	37,876,400	54,421,255	3	1	4	0
Case 70	12	54,421,476	55,003,931	2	1	3	0
Case 70	12	55,014,152	110,300,147	3	1	4	0
Case 70	12	110,306,740	113,397,897	2	1	3	0
Case 70	12	113,398,919	121,409,898	3	1	4	0
Case 70	12	121,416,045	124,422,261	3	0	3	1
Case 70	12	124,422,324	124,424,636	1	1	2	0
Case 70	12	124,427,306	132,949,947	3	1	4	0
Case 70	12	132,962,509	133,810,935	2	1	3	0
Case 70	13	19,058,717	64,278,089	2	1	3	0
Case 70	13	64,279,866	66,707,106	1	1	2	0
Case 70	13	66,712,732	67,249,717	2	1	3	0
Case 70	13	67,249,849	115,103,529	1	1	2	0
Case 70	14	19,280,733	20,420,338	1	1	2	0
Case 70	14	20,425,051	20,651,027	2	1	3	0
Case 70	14	20,651,157	22,429,647	2	2	4	0
Case 70	14	22,433,866	22,980,408	3	3	6	0
Case 70	14	22,983,223	23,312,603	2	2	4	0
Case 70	14	23,312,931	25,076,494	2	1	3	0
Case 70	14	25,077,520	28,115,542	2	2	4	0
Case 70	14	28,119,601	28,141,417	2	1	3	0
Case 70	14	28,149,319	28,188,438	5	2	7	0
Case 70	14	28,190,767	29,024,101	3	2	5	0
Case 70	14	29,025,356	37,385,107	2	2	4	0
Case 70	14	37,387,006	38,652,717	2	1	3	0
Case 70	14	38,653,247	45,403,699	2	2	4	0
Case 70	14	45,404,328	45,693,307	2	1	3	0
Case 70	14	45,693,341	51,640,496	2	2	4	0
Case 70	14	51,655,167	52,105,814	3	1	4	0
Case 70	14	52,109,999	107,287,663	2	1	3	0
Case 70	15	20,034,919	55,611,603	2	0	2	1
Case 70	15	55,612,511	56,544,917	2	2	4	0
Case 70	15	56,546,212	56,582,416	2	1	3	0
Case 70	15	56,603,180	59,199,937	2	0	2	1
Case 70	15	59,205,253	101,716,583	4	0	4	1
Case 70	15	101,717,599	102,461,162	3	1	4	0
Case 70	16	88,165	3,299,705	2	0	2	1
Case 70	16	3,299,718	3,350,226	2	1	3	0
Case 70	16	3,350,268	35,285,582	3	0	3	1
Case 70	16	46,450,037	53,100,690	3	0	3	1
Case 70	16	53,114,256	54,054,261	1	0	1	0
Case 70	16	54,056,159	54,113,607	2	1	3	0
Case 70	16	54,114,529	71,107,130	3	0	3	1
Case 70	16	71,113,844	79,691,318	2	0	2	1

Case 70	16	79,692,668	89,813,093	3	0	3	1
Case 70	16	89,814,188	90,274,695	2	0	2	1
Case 70	17	11,885	7,094,050	2	0	2	1
Case 70	17	7,096,379	7,144,991	2	1	3	0
Case 70	17	7,145,052	7,419,824	3	0	3	1
Case 70	17	7,434,079	22,242,355	2	0	2	1
Case 70	17	25,268,142	25,268,142	2	0	2	1
Case 70	17	25,295,032	34,420,079	2	2	4	0
Case 70	17	34,430,336	34,436,708	2	1	3	0
Case 70	17	34,443,811	34,476,396	5	2	7	0
Case 70	17	34,597,521	38,715,102	2	2	4	0
Case 70	17	38,715,186	39,525,970	2	1	3	0
Case 70	17	39,527,162	39,967,409	2	2	4	0
Case 70	17	39,967,442	76,063,855	2	1	3	0
Case 70	17	76,066,209	78,169,375	3	1	4	0
Case 70	17	78,170,224	78,399,412	2	1	3	0
Case 70	17	78,402,423	80,544,993	3	1	4	0
Case 70	17	80,545,076	81,060,040	3	0	3	1
Case 70	18	87,505	319,935	2	0	2	1
Case 70	18	321,773	15,375,878	2	1	3	0
Case 70	18	18,520,354	23,590,203	2	1	3	0
Case 70	18	23,595,985	26,445,040	3	1	4	0
Case 70	18	26,455,757	34,256,593	1	0	1	0
Case 70	18	34,258,129	36,016,350	1	1	2	0
Case 70	18	36,017,573	36,020,251	3	1	4	0
Case 70	18	36,021,822	43,999,423	1	0	1	0
Case 70	18	44,005,342	44,053,006	2	1	3	0
Case 70	18	44,057,151	47,458,001	2	0	2	1
Case 70	18	47,459,231	47,463,734	2	1	3	0
Case 70	18	47,463,735	47,466,709	3	1	4	0
Case 70	18	47,470,826	72,058,707	1	0	1	0
Case 70	18	72,063,225	73,343,418	1	1	2	0
Case 70	18	73,344,179	73,356,731	3	1	4	0
Case 70	18	73,360,511	76,324,504	1	0	1	0
Case 70	18	76,326,716	78,015,180	1	1	2	0
Case 70	19	260,912	6,439,487	1	1	2	0
Case 70	19	6,444,299	6,467,589	3	1	4	0
Case 70	19	6,467,619	9,541,833	1	0	1	0
Case 70	19	9,546,329	9,601,155	2	1	3	0
Case 70	19	9,606,461	10,108,061	3	0	3	1
Case 70	19	10,108,687	10,109,095	1	1	2	0
Case 70	19	10,111,065	11,510,371	3	1	4	0
Case 70	19	11,510,740	11,837,692	2	1	3	0
Case 70	19	11,839,011	12,692,130	1	1	2	0
Case 70	19	12,692,328	13,055,615	2	1	3	0
Case 70	19	13,056,557	13,705,296	3	1	4	0
Case 70	19	13,710,380	13,941,099	2	1	3	0
Case 70	19	13,941,643	14,688,725	2	2	4	0
Case 70	19	14,692,790	19,447,991	2	1	3	0
Case 70	19	19,457,908	19,645,901	3	0	3	1
Case 70	19	19,646,431	19,909,052	1	0	1	0
Case 70	19	19,939,387	20,116,906	2	1	3	0
Case 70	19	20,117,147	22,693,596	3	0	3	1
Case 70	19	22,693,766	22,693,766	1	1	2	0
Case 70	19	22,697,721	23,392,478	3	1	4	0
Case 70	19	23,395,317	24,518,609	1	0	1	0
Case 70	19	24,545,366	24,629,285	1	1	2	0
Case 70	19	27,732,159	27,801,814	1	1	2	0
Case 70	19	27,828,664	28,001,687	7	0	7	1
Case 70	19	28,023,764	29,590,703	6	1	7	0
Case 70	19	29,594,192	29,594,192	3	1	4	0

Case 70	19	29,599,139	29,599,139	1	1	2	0
Case 70	19	29,599,586	30,058,810	7	0	7	1
Case 70	19	30,064,396	30,861,683	6	1	7	0
Case 70	19	30,877,813	34,791,496	3	2	5	0
Case 70	19	34,791,556	34,858,801	2	2	4	0
Case 70	19	34,859,522	35,449,773	2	1	3	0
Case 70	19	35,449,809	36,964,376	2	2	4	0
Case 70	19	36,965,076	37,907,792	6	1	7	0
Case 70	19	37,909,470	37,975,803	3	1	4	0
Case 70	19	37,975,850	40,712,030	2	2	4	0
Case 70	19	40,715,058	41,235,134	3	0	3	1
Case 70	19	41,239,223	41,243,601	1	1	2	0
Case 70	19	41,244,887	42,584,014	3	1	4	0
Case 70	19	42,584,056	45,322,959	3	0	3	1
Case 70	19	45,322,962	45,322,962	1	1	2	0
Case 70	19	45,323,964	45,323,987	3	0	3	1
Case 70	19	45,324,516	45,561,012	3	1	4	0
Case 70	19	45,561,063	46,307,979	2	1	3	0
Case 70	19	46,308,217	47,397,495	3	1	4	0
Case 70	19	47,412,622	52,442,262	3	0	3	1
Case 70	19	52,443,490	53,746,938	2	0	2	1
Case 70	19	53,747,000	53,751,217	2	1	3	0
Case 70	19	53,754,736	57,828,099	3	0	3	1
Case 70	19	57,828,476	58,153,577	1	1	2	0
Case 70	19	58,153,596	58,153,596	2	1	3	0
Case 70	19	58,153,656	59,097,160	3	0	3	1
Case 70	20	63,244	377,226	2	1	3	0
Case 70	20	377,258	896,590	2	2	4	0
Case 70	20	896,658	1,468,516	2	1	3	0
Case 70	20	1,470,343	2,084,187	2	2	4	0
Case 70	20	2,088,698	3,605,542	2	1	3	0
Case 70	20	3,609,961	4,680,378	2	2	4	0
Case 70	20	4,680,489	5,597,276	2	1	3	0
Case 70	20	5,610,737	14,548,676	2	2	4	0
Case 70	20	14,550,380	15,462,611	2	1	3	0
Case 70	20	15,467,075	16,654,155	2	2	4	0
Case 70	20	16,655,964	17,442,455	2	1	3	0
Case 70	20	17,443,362	17,885,751	2	2	4	0
Case 70	20	17,886,838	18,982,052	2	1	3	0
Case 70	20	18,982,122	21,451,139	2	2	4	0
Case 70	20	21,451,491	26,293,985	2	1	3	0
Case 70	20	29,425,357	36,258,061	2	1	3	0
Case 70	20	36,258,520	36,869,100	2	2	4	0
Case 70	20	36,869,101	37,657,129	2	1	3	0
Case 70	20	37,659,385	38,563,245	2	2	4	0
Case 70	20	38,566,077	39,268,516	2	1	3	0
Case 70	20	39,273,369	39,592,520	2	2	4	0
Case 70	20	39,594,960	41,176,364	2	1	3	0
Case 70	20	41,176,570	43,041,591	2	2	4	0
Case 70	20	43,042,364	45,216,744	2	1	3	0
Case 70	20	45,217,841	47,341,312	2	2	4	0
Case 70	20	47,342,814	48,481,278	2	1	3	0
Case 70	20	48,481,304	49,354,499	2	2	4	0
Case 70	20	49,354,598	49,624,145	2	1	3	0
Case 70	20	49,625,623	51,797,353	2	2	4	0
Case 70	20	51,799,439	52,274,008	2	1	3	0
Case 70	20	52,275,163	59,954,382	2	2	4	0
Case 70	20	59,955,785	62,948,788	2	1	3	0
Case 70	21	10,827,533	10,971,337	3	0	3	1
Case 70	21	14,368,320	36,193,871	3	0	3	1
Case 70	21	36,202,482	36,274,176	1	1	2	0

Case 70	21	36,274,619	36,363,560	7	0	7	1
Case 70	21	36,364,162	36,845,673	6	1	7	0
Case 70	21	36,851,619	36,865,734	3	1	4	0
Case 70	21	36,873,163	41,725,503	3	0	3	1
Case 70	21	41,725,625	42,729,035	1	0	1	0
Case 70	21	42,729,117	44,277,414	1	1	2	0
Case 70	21	44,279,410	46,868,829	2	0	2	1
Case 70	21	46,871,472	46,888,290	2	1	3	0
Case 70	21	46,888,344	46,893,848	3	0	3	1
Case 70	21	46,895,394	48,100,155	1	0	1	0
Case 70	22	16,114,244	51,195,728	1	1	2	0
Case 71	1	82,154	1,222,267	1	1	2	0
Case 71	1	1,222,279	1,277,091	1	0	1	0
Case 71	1	1,277,119	120,091,434	1	1	2	0
Case 71	1	120,099,044	120,150,949	5	0	5	1
Case 71	1	120,152,082	121,346,616	1	1	2	0
Case 71	1	142,649,718	249,218,992	1	1	2	0
Case 71	2	18,674	9,953,949	1	1	2	0
Case 71	2	9,954,768	10,145,348	1	0	1	0
Case 71	2	10,156,725	92,081,640	1	1	2	0
Case 71	2	95,429,424	243,048,760	1	1	2	0
Case 71	3	61,495	90,442,925	1	1	2	0
Case 71	3	93,537,290	115,440,430	1	1	2	0
Case 71	3	115,441,608	121,412,892	2	1	3	0
Case 71	3	121,413,176	121,647,286	1	1	2	0
Case 71	3	121,647,962	173,317,852	2	1	3	0
Case 71	3	173,322,076	174,939,222	1	1	2	0
Case 71	3	174,940,266	192,019,370	2	0	2	1
Case 71	3	192,020,055	197,838,262	3	0	3	1
Case 71	4	71,566	8,872,977	1	1	2	0
Case 71	4	9,371,116	9,485,300	6	1	7	0
Case 71	4	9,509,791	49,620,898	1	1	2	0
Case 71	4	52,697,856	190,963,766	1	1	2	0
Case 71	5	38,139	46,399,093	1	1	2	0
Case 71	5	49,457,282	180,693,127	1	1	2	0
Case 71	6	108,666	31,238,259	1	1	2	0
Case 71	6	31,239,417	31,336,349	2	0	2	1
Case 71	6	31,336,568	32,233,547	1	1	2	0
Case 71	6	32,233,568	32,685,685	1	0	1	0
Case 71	6	32,685,865	58,752,089	1	1	2	0
Case 71	6	61,891,118	170,980,171	1	1	2	0
Case 71	7	44,935	58,019,061	1	1	2	0
Case 71	7	61,056,053	159,119,486	1	1	2	0
Case 71	8	164,984	1,107,201	1	1	2	0
Case 71	8	1,108,571	1,537,126	2	1	3	0
Case 71	8	1,548,389	2,683,929	1	1	2	0
Case 71	8	2,685,370	2,776,401	2	1	3	0
Case 71	8	2,777,465	3,275,113	1	1	2	0
Case 71	8	3,276,592	3,644,651	2	1	3	0
Case 71	8	3,644,685	3,828,138	1	1	2	0
Case 71	8	3,828,692	3,950,542	2	1	3	0
Case 71	8	3,951,689	5,809,543	1	1	2	0
Case 71	8	5,810,703	6,184,017	2	1	3	0
Case 71	8	6,184,254	8,266,397	1	1	2	0
Case 71	8	8,267,096	8,747,926	2	1	3	0
Case 71	8	8,748,032	13,947,515	1	1	2	0
Case 71	8	13,948,092	14,489,024	2	1	3	0
Case 71	8	14,492,121	17,363,239	1	1	2	0
Case 71	8	17,363,941	17,612,151	2	1	3	0
Case 71	8	17,612,318	34,700,530	1	1	2	0
Case 71	8	34,709,121	36,603,228	2	1	3	0

Case 71	8	36,603,585	39,836,662	1	1	2	0
Case 71	8	39,839,745	40,467,685	2	1	3	0
Case 71	8	40,478,096	43,791,691	1	1	2	0
Case 71	8	46,886,735	69,893,813	1	1	2	0
Case 71	8	69,894,554	70,504,309	2	1	3	0
Case 71	8	70,505,272	106,654,054	1	1	2	0
Case 71	8	106,663,315	108,218,786	2	1	3	0
Case 71	8	108,224,765	127,586,371	1	1	2	0
Case 71	8	127,592,581	129,473,012	2	1	3	0
Case 71	8	129,475,551	132,415,409	1	1	2	0
Case 71	8	132,424,978	133,404,409	2	1	3	0
Case 71	8	133,405,459	136,770,587	1	1	2	0
Case 71	8	136,770,869	137,428,405	2	1	3	0
Case 71	8	137,430,757	139,173,342	1	1	2	0
Case 71	8	139,175,182	140,190,193	2	1	3	0
Case 71	8	140,200,107	146,293,414	1	1	2	0
Case 71	9	46,587	46,944,322	1	1	2	0
Case 71	9	65,629,772	140,007,817	1	1	2	0
Case 71	9	140,007,869	140,349,707	1	0	1	0
Case 71	9	140,350,937	141,066,491	1	1	2	0
Case 71	10	98,087	39,097,912	1	1	2	0
Case 71	10	42,436,301	135,477,883	1	1	2	0
Case 71	11	193,146	51,591,253	1	1	2	0
Case 71	11	54,794,237	134,934,063	1	1	2	0
Case 71	12	191,619	34,853,011	1	1	2	0
Case 71	12	37,876,400	133,810,935	1	1	2	0
Case 71	13	19,058,717	114,937,618	1	1	2	0
Case 71	13	114,939,396	115,103,529	1	0	1	0
Case 71	14	19,280,733	20,249,407	1	1	2	0
Case 71	14	20,263,425	20,425,051	4	0	4	1
Case 71	14	20,426,742	22,595,277	1	1	2	0
Case 71	14	22,597,335	22,903,931	2	1	3	0
Case 71	14	22,913,994	107,287,663	1	1	2	0
Case 71	15	20,034,919	102,461,162	1	1	2	0
Case 71	16	88,165	591,586	1	1	2	0
Case 71	16	593,277	847,388	1	0	1	0
Case 71	16	847,597	35,285,582	1	1	2	0
Case 71	16	46,450,037	90,274,695	1	1	2	0
Case 71	17	11,885	22,242,355	1	1	2	0
Case 71	17	25,268,142	34,436,708	1	1	2	0
Case 71	17	34,443,811	34,597,521	5	0	5	1
Case 71	17	34,815,551	81,060,040	1	1	2	0
Case 71	18	87,505	15,375,878	1	1	2	0
Case 71	18	18,520,354	78,015,180	1	1	2	0
Case 71	19	260,912	11,819,193	1	1	2	0
Case 71	19	11,828,410	12,637,322	1	0	1	0
Case 71	19	12,637,384	20,211,540	1	1	2	0
Case 71	19	20,218,177	22,425,589	1	0	1	0
Case 71	19	22,425,615	24,629,285	1	1	2	0
Case 71	19	27,732,159	59,097,160	1	1	2	0
Case 71	20	63,244	26,293,985	1	1	2	0
Case 71	20	29,425,357	60,881,330	1	1	2	0
Case 71	20	60,881,736	60,927,412	1	0	1	0
Case 71	20	60,928,231	62,028,308	1	1	2	0
Case 71	20	62,029,711	62,196,853	1	0	1	0
Case 71	20	62,196,934	62,948,788	1	1	2	0
Case 71	21	10,827,533	10,971,337	1	1	2	0
Case 71	21	14,368,320	24,720,653	1	1	2	0
Case 71	21	24,726,646	25,154,599	1	0	1	0
Case 71	21	25,156,297	48,100,155	1	1	2	0
Case 71	22	16,114,244	51,195,728	1	1	2	0

Case 73	1	82,154	838,555	3	1	4	0
Case 73	1	846,808	908,944	2	0	2	1
Case 73	1	909,006	909,888	1	0	1	0
Case 73	1	918,384	1,222,895	2	0	2	1
Case 73	1	1,222,958	1,226,912	1	0	1	0
Case 73	1	1,227,897	6,610,486	2	0	2	1
Case 73	1	6,614,230	6,615,469	1	0	1	0
Case 73	1	6,620,545	9,801,233	2	0	2	1
Case 73	1	9,801,341	9,833,335	3	0	3	1
Case 73	1	9,833,451	11,008,341	2	0	2	1
Case 73	1	11,008,406	11,008,762	1	0	1	0
Case 73	1	11,008,778	18,073,505	2	0	2	1
Case 73	1	18,074,702	21,011,510	3	0	3	1
Case 73	1	21,012,549	21,106,855	2	0	2	1
Case 73	1	21,111,887	22,000,026	3	0	3	1
Case 73	1	22,001,981	22,211,623	2	0	2	1
Case 73	1	22,211,941	24,148,365	3	0	3	1
Case 73	1	24,149,315	24,201,911	2	0	2	1
Case 73	1	24,201,920	24,431,956	3	0	3	1
Case 73	1	24,432,519	24,447,716	2	0	2	1
Case 73	1	24,447,801	27,238,451	3	0	3	1
Case 73	1	27,238,544	27,713,733	2	0	2	1
Case 73	1	27,714,702	29,252,322	3	0	3	1
Case 73	1	29,268,716	29,385,350	2	0	2	1
Case 73	1	29,391,585	31,408,056	3	0	3	1
Case 73	1	31,413,972	34,044,616	2	0	2	1
Case 73	1	34,046,066	35,379,493	3	0	3	1
Case 73	1	35,381,295	36,945,037	2	0	2	1
Case 73	1	36,945,559	37,335,085	3	0	3	1
Case 73	1	37,337,725	38,522,221	2	0	2	1
Case 73	1	38,527,331	38,750,228	3	0	3	1
Case 73	1	38,752,476	40,105,285	2	0	2	1
Case 73	1	40,106,095	40,268,368	3	0	3	1
Case 73	1	40,275,071	41,088,577	2	0	2	1
Case 73	1	41,088,676	41,295,542	3	0	3	1
Case 73	1	41,296,788	41,343,608	2	0	2	1
Case 73	1	41,346,428	41,395,072	3	0	3	1
Case 73	1	41,395,698	41,978,849	2	0	2	1
Case 73	1	41,978,890	42,083,369	3	0	3	1
Case 73	1	42,085,397	42,271,163	2	0	2	1
Case 73	1	42,273,653	42,629,099	3	0	3	1
Case 73	1	42,629,176	43,102,987	2	0	2	1
Case 73	1	43,104,952	43,536,477	3	0	3	1
Case 73	1	43,543,617	43,774,437	2	0	2	1
Case 73	1	43,775,103	44,446,937	3	0	3	1
Case 73	1	44,447,064	44,463,309	2	0	2	1
Case 73	1	44,463,398	45,161,845	3	0	3	1
Case 73	1	45,162,818	45,804,050	2	0	2	1
Case 73	1	45,806,750	46,159,395	3	0	3	1
Case 73	1	46,160,124	46,806,480	2	0	2	1
Case 73	1	46,807,597	46,954,587	3	0	3	1
Case 73	1	46,964,305	46,978,497	2	0	2	1
Case 73	1	46,978,885	47,501,728	3	0	3	1
Case 73	1	47,501,822	47,919,420	2	0	2	1
Case 73	1	47,924,275	48,380,390	3	0	3	1
Case 73	1	48,385,447	48,992,947	2	0	2	1
Case 73	1	48,993,335	49,210,570	3	0	3	1
Case 73	1	49,213,647	50,620,945	2	0	2	1
Case 73	1	50,638,034	50,945,526	3	0	3	1
Case 73	1	50,966,897	53,008,039	2	0	2	1
Case 73	1	53,015,839	53,185,631	3	0	3	1

Case 73	1	53,192,187	53,554,406	2	0	2	1
Case 73	1	53,554,565	53,666,456	3	0	3	1
Case 73	1	53,666,965	53,748,286	2	0	2	1
Case 73	1	53,751,610	54,045,180	3	0	3	1
Case 73	1	54,046,556	54,303,892	2	0	2	1
Case 73	1	54,310,719	54,487,417	3	0	3	1
Case 73	1	54,494,702	54,615,337	2	0	2	1
Case 73	1	54,615,558	55,608,005	3	0	3	1
Case 73	1	55,613,326	55,940,340	2	0	2	1
Case 73	1	55,944,537	56,499,478	3	0	3	1
Case 73	1	56,502,227	56,744,527	2	0	2	1
Case 73	1	56,745,004	57,036,017	3	0	3	1
Case 73	1	57,038,322	57,383,358	2	0	2	1
Case 73	1	57,383,376	58,050,139	3	0	3	1
Case 73	1	58,051,166	58,303,993	2	0	2	1
Case 73	1	58,305,551	58,949,987	3	0	3	1
Case 73	1	58,971,748	59,157,753	2	0	2	1
Case 73	1	59,162,148	60,275,095	3	0	3	1
Case 73	1	60,278,616	60,338,776	2	0	2	1
Case 73	1	60,349,843	60,503,756	3	0	3	1
Case 73	1	60,503,762	60,575,925	2	0	2	1
Case 73	1	60,577,184	60,585,522	0	0	0	0
Case 73	1	60,589,775	61,483,042	3	0	3	1
Case 73	1	61,484,997	61,725,652	2	0	2	1
Case 73	1	61,728,597	62,102,307	3	0	3	1
Case 73	1	62,103,021	62,675,667	2	0	2	1
Case 73	1	62,675,673	62,856,695	3	0	3	1
Case 73	1	62,866,390	63,336,271	2	0	2	1
Case 73	1	63,346,976	63,837,888	3	0	3	1
Case 73	1	63,842,972	64,089,400	2	0	2	1
Case 73	1	64,089,432	64,990,577	3	0	3	1
Case 73	1	64,992,561	65,073,389	2	0	2	1
Case 73	1	65,074,235	65,765,184	3	0	3	1
Case 73	1	65,772,315	67,916,910	2	0	2	1
Case 73	1	67,917,914	68,358,177	3	0	3	1
Case 73	1	68,364,218	68,591,104	2	0	2	1
Case 73	1	68,591,173	68,634,144	3	0	3	1
Case 73	1	68,634,196	76,585,643	2	0	2	1
Case 73	1	76,586,272	76,626,260	3	0	3	1
Case 73	1	76,626,550	78,632,090	2	0	2	1
Case 73	1	78,633,857	78,766,380	3	0	3	1
Case 73	1	78,772,046	84,485,512	2	0	2	1
Case 73	1	84,485,716	86,095,613	3	0	3	1
Case 73	1	86,100,264	87,628,834	2	0	2	1
Case 73	1	87,628,868	87,805,743	3	0	3	1
Case 73	1	87,807,876	89,982,719	2	0	2	1
Case 73	1	89,983,184	90,179,529	3	0	3	1
Case 73	1	90,179,532	90,537,317	2	0	2	1
Case 73	1	90,538,025	90,819,317	3	0	3	1
Case 73	1	90,819,447	91,178,036	2	0	2	1
Case 73	1	91,179,699	91,364,568	3	0	3	1
Case 73	1	91,380,305	91,550,896	2	0	2	1
Case 73	1	91,556,690	91,658,368	3	0	3	1
Case 73	1	91,658,920	92,161,307	2	0	2	1
Case 73	1	92,161,991	92,214,628	3	0	3	1
Case 73	1	92,215,089	94,473,846	2	0	2	1
Case 73	1	94,473,896	94,640,030	3	0	3	1
Case 73	1	94,640,188	95,290,064	2	0	2	1
Case 73	1	95,294,047	95,421,315	3	0	3	1
Case 73	1	95,421,821	95,515,637	2	0	2	1
Case 73	1	95,524,503	95,603,092	3	0	3	1



Case 73	1	95,609,563	95,805,002	2	0	2	1
Case 73	1	95,810,750	96,118,307	3	0	3	1
Case 73	1	96,119,408	108,421,058	2	0	2	1
Case 73	1	108,425,055	109,271,364	3	0	3	1
Case 73	1	109,271,428	109,363,242	2	0	2	1
Case 73	1	109,365,991	109,397,229	3	0	3	1
Case 73	1	109,399,543	109,749,071	2	0	2	1
Case 73	1	109,752,204	109,794,785	3	0	3	1
Case 73	1	109,794,992	109,832,283	2	0	2	1
Case 73	1	109,834,938	110,026,628	3	0	3	1
Case 73	1	110,029,129	110,366,083	2	0	2	1
Case 73	1	110,366,310	110,871,061	3	0	3	1
Case 73	1	110,882,052	110,936,557	2	0	2	1
Case 73	1	110,946,580	111,171,378	3	0	3	1
Case 73	1	111,171,407	111,237,685	2	0	2	1
Case 73	1	111,250,018	111,296,652	3	0	3	1
Case 73	1	111,301,623	111,740,942	2	0	2	1
Case 73	1	111,741,349	111,957,245	3	0	3	1
Case 73	1	111,957,311	111,957,721	2	0	2	1
Case 73	1	111,957,729	112,135,958	3	0	3	1
Case 73	1	112,138,656	112,315,450	2	0	2	1
Case 73	1	112,319,712	112,918,545	3	0	3	1
Case 73	1	112,920,252	113,789,136	2	0	2	1
Case 73	1	113,791,338	114,085,723	3	0	3	1
Case 73	1	114,088,416	114,433,659	2	0	2	1
Case 73	1	114,436,482	114,790,954	3	0	3	1
Case 73	1	114,795,885	115,642,847	2	0	2	1
Case 73	1	115,645,831	115,862,568	3	0	3	1
Case 73	1	115,863,900	116,137,190	2	0	2	1
Case 73	1	116,137,912	116,334,813	3	0	3	1
Case 73	1	116,336,876	116,674,418	2	0	2	1
Case 73	1	116,675,885	117,582,373	3	0	3	1
Case 73	1	117,594,464	117,753,528	2	0	2	1
Case 73	1	117,756,019	118,384,261	3	0	3	1
Case 73	1	118,406,208	119,300,747	2	0	2	1
Case 73	1	119,300,941	119,589,343	3	0	3	1
Case 73	1	119,593,268	119,909,208	2	0	2	1
Case 73	1	119,909,514	121,346,616	3	0	3	1
Case 73	1	142,649,718	145,095,477	3	0	3	1
Case 73	1	145,101,177	151,210,126	4	0	4	1
Case 73	1	151,214,944	152,275,273	3	1	4	0
Case 73	1	152,275,276	152,286,157	3	0	3	1
Case 73	1	152,286,325	168,745,136	3	1	4	0
Case 73	1	168,748,586	169,071,384	4	1	5	0
Case 73	1	169,072,731	171,077,782	3	1	4	0
Case 73	1	171,079,549	171,499,108	4	1	5	0
Case 73	1	171,500,154	171,781,952	3	1	4	0
Case 73	1	171,786,475	173,301,516	4	1	5	0
Case 73	1	173,302,097	174,128,140	3	1	4	0
Case 73	1	174,188,338	174,489,170	3	2	5	0
Case 73	1	174,496,267	174,496,267	3	1	4	0
Case 73	1	174,497,642	189,448,576	4	0	4	1
Case 73	1	189,471,770	217,235,542	3	0	3	1
Case 73	1	217,236,801	217,364,103	1	0	1	0
Case 73	1	217,365,587	241,274,518	3	0	3	1
Case 73	1	241,280,303	241,676,335	4	0	4	1
Case 73	1	241,676,979	245,634,069	3	0	3	1
Case 73	1	245,634,267	245,696,254	2	0	2	1
Case 73	1	245,697,260	245,775,252	3	0	3	1
Case 73	1	245,778,984	247,053,355	2	0	2	1
Case 73	1	247,054,333	247,142,239	3	0	3	1

Case 73	1	247,142,532	247,582,310	2	0	2	1
Case 73	1	247,584,075	247,710,867	3	0	3	1
Case 73	1	247,712,512	248,524,890	2	0	2	1
Case 73	1	248,524,967	248,569,959	3	0	3	1
Case 73	1	248,569,960	248,688,317	2	0	2	1
Case 73	1	248,756,502	248,790,425	0	0	0	0
Case 73	1	248,801,588	249,218,992	3	0	3	1
Case 73	2	18,674	18,674	3	2	5	0
Case 73	2	18,856	343,517	4	1	5	0
Case 73	2	343,588	681,739	3	1	4	0
Case 73	2	682,363	1,019,512	4	1	5	0
Case 73	2	1,019,753	1,951,254	3	1	4	0
Case 73	2	1,951,389	3,063,237	4	1	5	0
Case 73	2	3,066,698	3,894,559	3	1	4	0
Case 73	2	3,895,167	9,417,334	4	1	5	0
Case 73	2	9,419,106	9,662,210	3	1	4	0
Case 73	2	9,666,349	10,142,302	4	1	5	0
Case 73	2	10,145,348	10,194,192	3	1	4	0
Case 73	2	10,194,487	11,718,858	4	1	5	0
Case 73	2	11,720,838	11,943,118	3	1	4	0
Case 73	2	11,959,905	18,102,223	4	1	5	0
Case 73	2	18,112,301	18,116,319	3	1	4	0
Case 73	2	18,117,930	21,227,503	4	1	5	0
Case 73	2	21,227,517	21,263,900	3	1	4	0
Case 73	2	21,263,905	23,538,843	4	1	5	0
Case 73	2	23,539,934	23,932,461	3	1	4	0
Case 73	2	23,947,589	26,159,940	4	1	5	0
Case 73	2	26,173,503	36,934,887	3	1	4	0
Case 73	2	36,935,291	36,948,760	2	0	2	1
Case 73	2	36,954,530	43,343,806	3	1	4	0
Case 73	2	43,349,680	43,452,183	4	1	5	0
Case 73	2	43,452,202	44,021,624	3	1	4	0
Case 73	2	44,021,676	44,211,546	3	0	3	1
Case 73	2	44,212,008	47,272,245	3	1	4	0
Case 73	2	47,273,468	48,771,605	4	2	6	0
Case 73	2	48,776,217	48,845,706	3	2	5	0
Case 73	2	48,846,647	53,968,774	4	2	6	0
Case 73	2	53,984,957	54,023,088	3	2	5	0
Case 73	2	54,023,133	77,234,621	3	1	4	0
Case 73	2	77,234,767	78,048,788	4	3	7	0
Case 73	2	78,061,074	92,081,640	3	1	4	0
Case 73	2	95,429,424	122,176,722	3	1	4	0
Case 73	2	122,182,729	122,288,029	2	1	3	0
Case 73	2	122,316,046	122,797,678	3	1	4	0
Case 73	2	122,833,317	128,341,722	2	1	3	0
Case 73	2	128,344,389	130,208,064	2	0	2	1
Case 73	2	130,216,043	154,984,566	2	1	3	0
Case 73	2	154,994,668	160,239,116	3	1	4	0
Case 73	2	160,239,267	160,691,494	4	0	4	1
Case 73	2	160,692,117	165,383,526	3	1	4	0
Case 73	2	165,394,580	165,581,707	1	0	1	0
Case 73	2	165,584,049	165,584,614	3	0	3	1
Case 73	2	165,584,691	165,864,123	3	1	4	0
Case 73	2	165,868,477	166,648,792	3	0	3	1
Case 73	2	166,654,980	166,731,930	3	1	4	0
Case 73	2	166,732,698	167,377,995	3	0	3	1
Case 73	2	167,379,259	167,855,303	3	1	4	0
Case 73	2	167,857,670	215,748,105	3	0	3	1
Case 73	2	215,752,084	225,927,665	4	0	4	1
Case 73	2	225,929,498	227,530,721	5	0	5	1
Case 73	2	227,530,857	227,957,614	4	0	4	1

Case 73	2	227,958,469	228,100,150	5	0	5	1
Case 73	2	228,102,723	229,155,830	4	0	4	1
Case 73	2	229,168,274	230,103,927	5	0	5	1
Case 73	2	230,109,580	243,048,760	4	0	4	1
Case 73	3	61,495	701,825	1	0	1	0
Case 73	3	703,725	710,880	0	0	0	0
Case 73	3	712,551	1,368,840	1	0	1	0
Case 73	3	1,369,171	1,374,539	0	0	0	0
Case 73	3	1,375,734	3,885,609	1	0	1	0
Case 73	3	3,886,665	3,888,177	2	0	2	1
Case 73	3	3,888,392	4,276,680	1	0	1	0
Case 73	3	4,282,950	23,249,069	2	1	3	0
Case 73	3	23,260,467	23,505,899	1	1	2	0
Case 73	3	23,511,338	36,466,050	2	1	3	0
Case 73	3	36,470,307	36,898,699	3	1	4	0
Case 73	3	36,898,757	37,367,159	4	0	4	1
Case 73	3	37,367,249	37,618,011	3	1	4	0
Case 73	3	37,633,548	40,595,426	2	1	3	0
Case 73	3	40,600,392	41,085,459	3	1	4	0
Case 73	3	41,086,761	57,779,836	2	1	3	0
Case 73	3	57,790,596	57,875,813	1	1	2	0
Case 73	3	57,882,601	60,523,330	2	1	3	0
Case 73	3	60,531,242	60,600,915	3	0	3	1
Case 73	3	60,602,816	60,860,868	2	0	2	1
Case 73	3	60,871,882	62,544,685	2	1	3	0
Case 73	3	62,548,081	62,565,383	1	0	1	0
Case 73	3	62,568,321	65,346,924	2	1	3	0
Case 73	3	65,347,423	80,450,254	3	1	4	0
Case 73	3	80,456,863	90,442,925	2	1	3	0
Case 73	3	93,537,290	93,645,047	2	1	3	0
Case 73	3	93,646,095	97,879,569	2	2	4	0
Case 73	3	97,883,653	98,073,313	3	0	3	1
Case 73	3	98,073,382	102,883,817	2	2	4	0
Case 73	3	102,892,138	103,795,249	4	2	6	0
Case 73	3	103,801,180	106,335,082	3	2	5	0
Case 73	3	106,335,897	107,429,321	4	2	6	0
Case 73	3	107,435,527	107,489,754	3	2	5	0
Case 73	3	107,491,892	109,283,828	2	2	4	0
Case 73	3	109,284,286	109,363,105	3	0	3	1
Case 73	3	109,405,414	127,253,904	2	2	4	0
Case 73	3	127,254,061	127,413,976	2	1	3	0
Case 73	3	127,415,047	171,041,464	2	2	4	0
Case 73	3	171,048,165	171,092,504	3	0	3	1
Case 73	3	171,093,738	174,540,260	2	2	4	0
Case 73	3	174,540,381	174,659,289	2	1	3	0
Case 73	3	174,667,446	175,082,324	2	2	4	0
Case 73	3	175,090,662	175,139,842	2	0	2	1
Case 73	3	175,148,366	183,954,203	2	2	4	0
Case 73	3	183,955,017	184,076,081	2	1	3	0
Case 73	3	184,076,765	191,687,812	2	2	4	0
Case 73	3	191,694,215	197,838,262	2	1	3	0
Case 73	4	71,566	11,054,542	3	0	3	1
Case 73	4	11,055,432	11,275,048	4	0	4	1
Case 73	4	11,276,716	12,588,094	3	0	3	1
Case 73	4	12,590,868	12,590,868	2	0	2	1
Case 73	4	12,593,370	12,631,827	0	0	0	0
Case 73	4	12,633,072	12,643,903	1	0	1	0
Case 73	4	12,662,979	30,451,158	3	0	3	1
Case 73	4	30,452,567	30,467,623	2	0	2	1
Case 73	4	30,471,257	38,167,985	3	0	3	1
Case 73	4	38,169,660	38,775,929	4	0	4	1

Case 73	4	38,776,070	38,916,914	3	0	3	1
Case 73	4	38,917,830	39,162,457	4	0	4	1
Case 73	4	39,174,790	49,620,898	3	0	3	1
Case 73	4	52,697,856	82,417,143	3	0	3	1
Case 73	4	82,422,327	83,019,396	4	0	4	1
Case 73	4	83,026,356	85,844,157	3	0	3	1
Case 73	4	85,858,329	88,231,428	2	0	2	1
Case 73	4	88,231,429	88,261,712	1	0	1	0
Case 73	4	88,264,614	89,174,193	2	0	2	1
Case 73	4	89,183,194	89,203,197	1	0	1	0
Case 73	4	89,203,670	89,299,174	2	0	2	1
Case 73	4	89,300,101	89,393,651	1	0	1	0
Case 73	4	89,397,091	91,526,531	2	0	2	1
Case 73	4	91,532,461	92,218,323	1	0	1	0
Case 73	4	92,225,277	92,281,057	2	0	2	1
Case 73	4	92,283,771	92,483,806	1	0	1	0
Case 73	4	92,496,463	99,387,827	2	0	2	1
Case 73	4	99,392,101	99,555,740	3	0	3	1
Case 73	4	99,556,496	109,151,467	2	0	2	1
Case 73	4	109,162,596	109,477,779	3	0	3	1
Case 73	4	109,486,382	113,251,677	2	0	2	1
Case 73	4	113,260,465	113,343,224	3	0	3	1
Case 73	4	113,344,203	115,499,117	2	0	2	1
Case 73	4	115,499,674	115,559,446	3	0	3	1
Case 73	4	115,560,225	119,950,186	2	0	2	1
Case 73	4	119,951,510	119,956,411	3	0	3	1
Case 73	4	119,962,741	124,282,603	2	0	2	1
Case 73	4	124,283,138	124,469,200	3	0	3	1
Case 73	4	124,473,935	127,105,360	2	0	2	1
Case 73	4	127,105,857	128,674,030	3	0	3	1
Case 73	4	128,684,607	128,761,940	2	0	2	1
Case 73	4	128,766,074	128,816,138	3	0	3	1
Case 73	4	128,817,558	129,281,445	2	0	2	1
Case 73	4	129,281,866	129,682,775	3	0	3	1
Case 73	4	129,685,158	134,359,051	2	0	2	1
Case 73	4	134,376,495	134,384,791	1	0	1	0
Case 73	4	134,389,485	140,815,925	2	0	2	1
Case 73	4	140,816,174	141,246,800	3	0	3	1
Case 73	4	141,249,813	146,073,143	2	0	2	1
Case 73	4	146,073,711	146,082,942	1	0	1	0
Case 73	4	146,123,564	153,896,656	2	0	2	1
Case 73	4	153,896,691	154,087,943	3	0	3	1
Case 73	4	154,094,001	154,673,127	2	0	2	1
Case 73	4	154,675,860	154,891,356	3	0	3	1
Case 73	4	154,891,741	179,620,557	2	0	2	1
Case 73	4	179,620,725	179,665,417	1	0	1	0
Case 73	4	179,677,801	190,963,766	2	0	2	1
Case 73	5	38,139	188,747	2	0	2	1
Case 73	5	188,918	192,294	1	0	1	0
Case 73	5	194,849	2,601,689	2	0	2	1
Case 73	5	2,604,686	2,610,337	1	0	1	0
Case 73	5	2,610,744	5,464,962	2	0	2	1
Case 73	5	5,465,316	5,495,373	1	0	1	0
Case 73	5	5,496,203	7,149,265	2	0	2	1
Case 73	5	7,149,777	7,158,473	1	0	1	0
Case 73	5	7,164,445	7,858,121	2	0	2	1
Case 73	5	7,859,434	7,866,822	1	0	1	0
Case 73	5	7,866,906	7,879,950	2	0	2	1
Case 73	5	7,879,983	7,897,061	1	0	1	0
Case 73	5	7,897,185	8,067,973	2	0	2	1
Case 73	5	8,073,071	8,172,103	1	0	1	0

Case 73	5	8,173,436	9,364,904	2	0	2	1
Case 73	5	9,371,411	34,166,261	3	0	3	1
Case 73	5	34,180,455	35,084,647	2	2	4	0
Case 73	5	35,084,704	36,224,240	3	2	5	0
Case 73	5	36,226,617	36,985,089	3	3	6	0
Case 73	5	36,985,115	36,985,888	3	1	4	0
Case 73	5	36,986,050	37,361,728	4	2	6	0
Case 73	5	37,364,475	40,991,344	3	2	5	0
Case 73	5	40,994,519	41,037,603	2	2	4	0
Case 73	5	41,037,965	42,385,855	3	2	5	0
Case 73	5	42,388,894	42,626,206	3	0	3	1
Case 73	5	42,631,264	43,009,986	3	2	5	0
Case 73	5	43,028,221	43,989,069	2	2	4	0
Case 73	5	44,002,170	46,399,093	3	2	5	0
Case 73	5	49,457,282	49,522,346	3	2	5	0
Case 73	5	49,564,798	51,879,370	2	0	2	1
Case 73	5	51,886,039	51,991,651	3	0	3	1
Case 73	5	51,996,032	53,585,870	2	0	2	1
Case 73	5	53,587,702	53,929,224	3	0	3	1
Case 73	5	53,931,756	55,147,460	2	0	2	1
Case 73	5	55,149,235	55,244,038	3	0	3	1
Case 73	5	55,247,795	55,322,895	2	0	2	1
Case 73	5	55,324,494	55,702,460	3	0	3	1
Case 73	5	55,704,176	58,334,645	2	0	2	1
Case 73	5	58,334,922	58,698,524	1	0	1	0
Case 73	5	58,704,650	60,135,985	2	0	2	1
Case 73	5	60,147,754	60,238,590	1	0	1	0
Case 73	5	60,241,826	60,356,423	2	0	2	1
Case 73	5	60,357,869	60,455,827	1	0	1	0
Case 73	5	60,455,923	60,839,615	2	0	2	1
Case 73	5	60,839,907	61,472,904	3	0	3	1
Case 73	5	61,474,164	61,923,102	2	0	2	1
Case 73	5	61,926,784	63,510,064	3	0	3	1
Case 73	5	63,510,087	63,793,012	2	0	2	1
Case 73	5	63,793,107	63,982,806	3	0	3	1
Case 73	5	63,986,463	64,340,353	2	0	2	1
Case 73	5	64,347,621	64,548,634	3	0	3	1
Case 73	5	64,551,463	64,965,900	2	0	2	1
Case 73	5	64,968,615	65,183,502	3	0	3	1
Case 73	5	65,185,421	65,533,655	2	0	2	1
Case 73	5	65,534,403	67,326,258	3	0	3	1
Case 73	5	67,332,561	67,728,508	2	0	2	1
Case 73	5	67,729,637	68,263,602	3	0	3	1
Case 73	5	68,278,990	68,709,884	2	0	2	1
Case 73	5	68,715,249	68,749,848	3	0	3	1
Case 73	5	68,757,774	70,858,268	2	0	2	1
Case 73	5	70,860,663	72,032,166	3	0	3	1
Case 73	5	72,053,706	72,400,190	2	0	2	1
Case 73	5	72,407,538	72,861,455	3	0	3	1
Case 73	5	72,862,289	73,068,888	2	0	2	1
Case 73	5	73,069,226	73,981,270	3	0	3	1
Case 73	5	73,981,299	76,738,927	2	0	2	1
Case 73	5	76,738,970	76,760,080	1	0	1	0
Case 73	5	76,760,612	77,406,104	2	0	2	1
Case 73	5	77,409,637	77,572,439	1	0	1	0
Case 73	5	77,579,205	79,734,297	2	0	2	1
Case 73	5	79,734,395	79,773,132	1	0	1	0
Case 73	5	79,774,171	80,016,874	2	0	2	1
Case 73	5	80,021,168	80,164,943	1	0	1	0
Case 73	5	80,168,005	85,795,217	2	0	2	1
Case 73	5	85,805,054	86,539,266	3	0	3	1

Case 73	5	86,540,308	95,827,499	2	0	2	1
Case 73	5	95,836,300	95,949,002	3	0	3	1
Case 73	5	95,949,048	133,066,313	2	0	2	1
Case 73	5	133,072,525	133,439,876	3	0	3	1
Case 73	5	133,441,726	140,718,936	2	0	2	1
Case 73	5	140,718,994	140,749,646	3	0	3	1
Case 73	5	140,749,955	140,867,123	2	0	2	1
Case 73	5	140,867,277	140,892,643	3	0	3	1
Case 73	5	140,895,377	141,964,202	2	0	2	1
Case 73	5	141,971,281	142,431,193	3	0	3	1
Case 73	5	142,433,727	145,062,940	2	0	2	1
Case 73	5	145,068,327	146,320,823	3	0	3	1
Case 73	5	146,334,385	150,945,465	2	0	2	1
Case 73	5	150,945,483	150,998,029	3	0	3	1
Case 73	5	150,998,797	159,923,720	2	0	2	1
Case 73	5	159,926,960	159,992,648	3	0	3	1
Case 73	5	159,992,655	164,170,398	2	0	2	1
Case 73	5	164,172,766	180,693,127	3	0	3	1
Case 73	6	108,666	1,913,138	3	1	4	0
Case 73	6	1,915,129	2,123,744	3	0	3	1
Case 73	6	2,139,450	2,760,872	3	2	5	0
Case 73	6	2,765,899	20,486,506	3	1	4	0
Case 73	6	20,486,920	20,571,135	2	1	3	0
Case 73	6	20,580,893	23,440,413	3	1	4	0
Case 73	6	23,441,842	29,657,127	2	1	3	0
Case 73	6	29,658,569	29,689,590	1	1	2	0
Case 73	6	29,691,019	29,742,342	2	1	3	0
Case 73	6	29,742,809	30,342,682	3	0	3	1
Case 73	6	30,342,753	31,034,173	2	1	3	0
Case 73	6	31,034,235	31,075,375	1	1	2	0
Case 73	6	31,075,481	32,665,616	2	1	3	0
Case 73	6	32,665,728	32,682,394	1	1	2	0
Case 73	6	32,682,664	32,767,091	2	1	3	0
Case 73	6	32,767,496	32,774,465	1	1	2	0
Case 73	6	32,775,809	33,004,387	2	1	3	0
Case 73	6	33,004,917	33,644,033	3	0	3	1
Case 73	6	33,644,253	38,400,139	2	1	3	0
Case 73	6	38,415,481	57,246,925	3	1	4	0
Case 73	6	57,255,152	58,150,777	2	1	3	0
Case 73	6	58,168,152	58,752,089	3	1	4	0
Case 73	6	61,891,118	62,865,650	2	1	3	0
Case 73	6	62,865,692	67,309,864	3	1	4	0
Case 73	6	67,322,556	67,441,714	2	0	2	1
Case 73	6	67,446,248	67,519,114	1	0	1	0
Case 73	6	67,528,476	68,062,743	2	0	2	1
Case 73	6	68,064,253	68,728,797	1	0	1	0
Case 73	6	68,729,130	68,884,304	2	0	2	1
Case 73	6	68,887,832	68,950,223	1	0	1	0
Case 73	6	68,950,298	69,256,487	2	0	2	1
Case 73	6	69,260,172	69,459,942	1	0	1	0
Case 73	6	69,460,974	69,548,012	2	0	2	1
Case 73	6	69,549,271	69,665,063	1	0	1	0
Case 73	6	69,665,925	70,389,764	2	0	2	1
Case 73	6	70,391,640	70,550,975	1	0	1	0
Case 73	6	70,551,688	71,180,505	2	0	2	1
Case 73	6	71,185,149	71,234,960	1	0	1	0
Case 73	6	71,234,985	72,674,436	2	0	2	1
Case 73	6	72,677,981	72,984,123	1	0	1	0
Case 73	6	72,993,334	73,188,274	2	0	2	1
Case 73	6	73,190,006	73,303,078	1	0	1	0
Case 73	6	73,306,528	74,125,888	2	0	2	1

Case 73	6	74,126,084	74,171,753	1	0	1	0
Case 73	6	74,176,061	74,225,333	2	0	2	1
Case 73	6	74,226,353	74,228,049	1	0	1	0
Case 73	6	74,229,405	74,493,432	2	0	2	1
Case 73	6	74,493,494	74,497,005	1	0	1	0
Case 73	6	74,497,009	75,415,209	2	0	2	1
Case 73	6	75,427,451	75,585,795	1	0	1	0
Case 73	6	75,587,451	75,785,441	2	0	2	1
Case 73	6	75,789,526	75,838,596	1	0	1	0
Case 73	6	75,840,120	76,256,751	2	0	2	1
Case 73	6	76,265,642	76,419,261	1	0	1	0
Case 73	6	76,425,028	77,577,055	2	0	2	1
Case 73	6	77,587,889	77,872,189	1	0	1	0
Case 73	6	77,877,447	79,595,097	2	0	2	1
Case 73	6	79,607,589	79,754,360	1	0	1	0
Case 73	6	79,787,224	80,724,261	2	0	2	1
Case 73	6	80,724,274	80,751,942	1	0	1	0
Case 73	6	80,754,346	81,786,684	2	0	2	1
Case 73	6	81,792,413	81,934,605	1	0	1	0
Case 73	6	81,960,107	82,159,696	2	0	2	1
Case 73	6	82,169,305	88,663,964	3	0	3	1
Case 73	6	88,669,274	89,854,436	2	0	2	1
Case 73	6	89,855,957	89,868,128	1	0	1	0
Case 73	6	89,871,524	90,005,925	2	0	2	1
Case 73	6	90,006,421	93,163,594	3	0	3	1
Case 73	6	93,166,766	93,467,158	4	0	4	1
Case 73	6	93,473,885	93,920,448	3	0	3	1
Case 73	6	93,921,556	93,947,347	2	0	2	1
Case 73	6	93,949,168	93,967,943	1	0	1	0
Case 73	6	93,969,123	94,067,986	2	0	2	1
Case 73	6	94,068,112	94,133,927	1	0	1	0
Case 73	6	94,137,146	94,500,169	2	0	2	1
Case 73	6	94,506,703	94,640,147	1	0	1	0
Case 73	6	94,646,136	94,885,246	2	0	2	1
Case 73	6	94,887,219	95,034,121	1	0	1	0
Case 73	6	95,035,288	95,335,012	2	0	2	1
Case 73	6	95,335,095	95,456,914	1	0	1	0
Case 73	6	95,458,317	96,025,446	2	0	2	1
Case 73	6	96,034,050	96,053,941	1	0	1	0
Case 73	6	96,054,019	96,283,525	2	0	2	1
Case 73	6	96,283,669	96,324,667	1	0	1	0
Case 73	6	96,326,035	96,572,628	2	0	2	1
Case 73	6	96,574,671	96,734,699	1	0	1	0
Case 73	6	96,739,393	97,616,717	2	0	2	1
Case 73	6	97,621,027	97,702,450	1	0	1	0
Case 73	6	97,717,794	99,270,533	2	0	2	1
Case 73	6	99,275,290	99,326,490	1	0	1	0
Case 73	6	99,328,430	99,849,191	2	0	2	1
Case 73	6	99,849,261	99,858,828	1	0	1	0
Case 73	6	99,862,498	99,889,915	2	0	2	1
Case 73	6	99,891,475	99,936,165	1	0	1	0
Case 73	6	99,939,045	101,049,108	2	0	2	1
Case 73	6	101,054,930	101,275,792	1	0	1	0
Case 73	6	101,295,873	101,916,765	2	0	2	1
Case 73	6	101,927,338	101,989,945	1	0	1	0
Case 73	6	101,990,259	102,485,159	2	0	2	1
Case 73	6	102,492,342	102,594,313	1	0	1	0
Case 73	6	102,595,588	102,922,642	2	0	2	1
Case 73	6	102,931,736	103,292,745	1	0	1	0
Case 73	6	103,294,020	103,515,907	2	0	2	1
Case 73	6	103,519,056	103,842,567	1	0	1	0

Case 73	6	103,843,363	104,512,842	2	0	2	1
Case 73	6	104,513,200	104,560,332	1	0	1	0
Case 73	6	104,583,607	105,171,129	2	0	2	1
Case 73	6	105,173,534	105,288,125	1	0	1	0
Case 73	6	105,302,222	106,969,266	2	0	2	1
Case 73	6	106,969,279	106,980,324	1	0	1	0
Case 73	6	106,981,188	109,190,126	2	0	2	1
Case 73	6	109,197,379	109,483,826	1	0	1	0
Case 73	6	109,497,085	109,771,583	2	0	2	1
Case 73	6	109,771,594	109,772,822	1	0	1	0
Case 73	6	109,772,868	110,734,613	2	0	2	1
Case 73	6	110,734,638	110,819,059	3	0	3	1
Case 73	6	110,828,403	111,913,053	2	0	2	1
Case 73	6	111,913,058	112,383,780	3	0	3	1
Case 73	6	112,389,407	112,621,590	2	0	2	1
Case 73	6	112,621,834	112,882,942	3	0	3	1
Case 73	6	112,891,101	114,437,276	2	0	2	1
Case 73	6	114,447,603	114,561,617	3	0	3	1
Case 73	6	114,563,699	118,103,840	2	0	2	1
Case 73	6	118,107,037	118,435,377	3	0	3	1
Case 73	6	118,436,112	119,473,094	2	0	2	1
Case 73	6	119,485,199	120,485,517	3	0	3	1
Case 73	6	120,488,382	120,533,642	2	0	2	1
Case 73	6	120,535,362	120,862,765	1	0	1	0
Case 73	6	120,863,569	121,432,111	2	0	2	1
Case 73	6	121,433,696	121,638,732	1	0	1	0
Case 73	6	121,642,851	122,709,984	2	0	2	1
Case 73	6	122,712,377	123,571,228	3	0	3	1
Case 73	6	123,580,933	123,868,506	2	0	2	1
Case 73	6	123,868,992	133,195,740	3	0	3	1
Case 73	6	133,207,105	139,518,546	3	1	4	0
Case 73	6	139,540,103	139,563,787	3	2	5	0
Case 73	6	139,563,914	140,614,699	2	2	4	0
Case 73	6	140,624,563	141,582,182	3	1	4	0
Case 73	6	141,587,036	142,921,498	4	1	5	0
Case 73	6	142,922,061	145,162,512	3	1	4	0
Case 73	6	145,165,362	145,729,196	4	1	5	0
Case 73	6	145,732,167	146,872,685	3	1	4	0
Case 73	6	146,873,614	147,175,178	4	1	5	0
Case 73	6	147,178,335	169,652,568	3	1	4	0
Case 73	6	169,656,029	170,980,171	2	1	3	0
Case 73	7	44,935	68,920	3	2	5	0
Case 73	7	83,185	2,483,135	3	0	3	1
Case 73	7	2,486,004	3,117,874	4	0	4	1
Case 73	7	3,119,823	3,385,384	5	0	5	1
Case 73	7	3,390,013	7,484,105	4	0	4	1
Case 73	7	7,488,601	7,664,696	5	0	5	1
Case 73	7	7,668,666	7,848,087	4	0	4	1
Case 73	7	7,848,912	8,019,934	5	0	5	1
Case 73	7	8,021,570	8,522,345	4	0	4	1
Case 73	7	8,527,231	11,576,964	5	0	5	1
Case 73	7	11,577,625	11,676,390	4	0	4	1
Case 73	7	11,676,694	13,237,848	5	0	5	1
Case 73	7	13,238,496	13,238,496	4	0	4	1
Case 73	7	13,248,712	13,300,179	3	0	3	1
Case 73	7	13,302,054	13,305,542	4	0	4	1
Case 73	7	13,306,966	19,070,165	5	0	5	1
Case 73	7	19,070,930	33,102,322	4	0	4	1
Case 73	7	33,127,539	33,763,583	5	0	5	1
Case 73	7	33,765,010	34,412,689	4	0	4	1
Case 73	7	34,416,608	34,661,743	5	0	5	1



Case 73	7	34,661,834	37,144,095	4	0	4	1
Case 73	7	37,157,641	38,417,556	5	0	5	1
Case 73	7	38,420,184	40,940,977	4	0	4	1
Case 73	7	40,944,385	41,306,172	5	0	5	1
Case 73	7	41,308,698	48,627,470	4	0	4	1
Case 73	7	48,627,660	50,324,652	5	0	5	1
Case 73	7	50,325,717	54,711,923	4	0	4	1
Case 73	7	54,715,735	55,095,197	5	0	5	1
Case 73	7	55,112,827	58,019,061	4	0	4	1
Case 73	7	61,056,053	62,113,011	4	0	4	1
Case 73	7	62,140,786	62,534,685	3	0	3	1
Case 73	7	62,561,412	68,544,052	4	0	4	1
Case 73	7	68,548,693	71,366,745	3	0	3	1
Case 73	7	71,383,683	78,407,722	3	1	4	0
Case 73	7	78,416,056	80,653,027	3	0	3	1
Case 73	7	80,654,259	81,060,188	4	0	4	1
Case 73	7	81,070,971	82,136,552	3	0	3	1
Case 73	7	82,137,236	82,204,878	4	0	4	1
Case 73	7	82,206,178	86,019,034	3	0	3	1
Case 73	7	86,036,570	88,962,700	3	2	5	0
Case 73	7	88,962,827	88,966,204	2	2	4	0
Case 73	7	88,969,883	92,728,798	3	2	5	0
Case 73	7	92,730,328	93,083,708	2	2	4	0
Case 73	7	93,090,133	95,473,956	3	2	5	0
Case 73	7	95,484,290	100,675,959	3	0	3	1
Case 73	7	100,675,976	100,685,742	2	0	2	1
Case 73	7	100,685,760	110,526,722	3	0	3	1
Case 73	7	110,543,241	110,548,594	1	0	1	0
Case 73	7	110,559,571	110,603,427	0	0	0	0
Case 73	7	110,611,438	147,533,267	3	0	3	1
Case 73	7	147,534,006	147,759,461	2	0	2	1
Case 73	7	147,770,563	148,143,416	3	0	3	1
Case 73	7	148,153,437	148,409,941	2	0	2	1
Case 73	7	148,419,066	148,463,860	1	0	1	0
Case 73	7	148,467,447	150,747,594	2	0	2	1
Case 73	7	150,747,746	150,752,608	3	0	3	1
Case 73	7	150,753,261	151,426,105	2	0	2	1
Case 73	7	151,430,709	151,660,102	3	0	3	1
Case 73	7	151,660,298	152,600,817	2	0	2	1
Case 73	7	152,601,631	152,607,732	0	0	0	0
Case 73	7	152,620,372	152,648,941	3	0	3	1
Case 73	7	152,653,503	155,306,750	2	0	2	1
Case 73	7	155,308,238	156,033,299	3	0	3	1
Case 73	7	156,037,171	156,135,272	2	0	2	1
Case 73	7	156,135,838	156,368,530	3	0	3	1
Case 73	7	156,371,216	159,119,486	2	0	2	1
Case 73	8	164,984	191,226	1	0	1	0
Case 73	8	193,756	209,152	0	0	0	0
Case 73	8	212,498	223,682	1	0	1	0
Case 73	8	224,666	294,150	0	0	0	0
Case 73	8	296,848	304,569	1	0	1	0
Case 73	8	307,738	577,101	0	0	0	0
Case 73	8	578,742	606,696	1	0	1	0
Case 73	8	607,251	614,389	0	0	0	0
Case 73	8	615,117	618,675	1	0	1	0
Case 73	8	618,700	622,781	0	0	0	0
Case 73	8	623,348	623,748	1	0	1	0
Case 73	8	623,805	642,586	0	0	0	0
Case 73	8	642,842	719,043	1	0	1	0
Case 73	8	720,491	749,998	0	0	0	0
Case 73	8	750,278	758,066	1	0	1	0

Case 73	8	769,589	876,546	0	0	0	0
Case 73	8	877,433	1,024,476	1	0	1	0
Case 73	8	1,027,787	1,083,364	0	0	0	0
Case 73	8	1,086,161	1,164,482	1	0	1	0
Case 73	8	1,165,148	1,240,819	0	0	0	0
Case 73	8	1,241,224	1,282,530	1	0	1	0
Case 73	8	1,282,843	1,292,488	0	0	0	0
Case 73	8	1,293,061	1,306,071	1	0	1	0
Case 73	8	1,308,026	1,318,693	0	0	0	0
Case 73	8	1,319,724	1,356,333	1	0	1	0
Case 73	8	1,359,156	1,445,874	0	0	0	0
Case 73	8	1,446,009	1,486,112	1	0	1	0
Case 73	8	1,489,033	1,566,505	0	0	0	0
Case 73	8	1,567,920	1,616,725	1	0	1	0
Case 73	8	1,616,743	1,676,789	0	0	0	0
Case 73	8	1,678,019	1,791,433	1	0	1	0
Case 73	8	1,794,023	1,807,756	0	0	0	0
Case 73	8	1,808,162	1,842,737	1	0	1	0
Case 73	8	1,843,091	1,905,823	0	0	0	0
Case 73	8	1,906,630	1,949,126	1	0	1	0
Case 73	8	1,950,761	1,954,464	0	0	0	0
Case 73	8	1,954,812	1,969,726	1	0	1	0
Case 73	8	1,975,962	1,991,921	0	0	0	0
Case 73	8	1,992,937	2,033,415	1	0	1	0
Case 73	8	2,033,432	2,037,281	0	0	0	0
Case 73	8	2,037,874	2,048,831	1	0	1	0
Case 73	8	2,050,240	2,050,596	0	0	0	0
Case 73	8	2,052,656	2,061,497	1	0	1	0
Case 73	8	2,063,158	2,080,289	0	0	0	0
Case 73	8	2,086,493	2,097,007	1	0	1	0
Case 73	8	2,097,247	2,111,830	0	0	0	0
Case 73	8	2,112,041	2,123,109	1	0	1	0
Case 73	8	2,123,694	2,128,786	0	0	0	0
Case 73	8	2,129,547	2,143,681	1	0	1	0
Case 73	8	2,143,792	2,164,581	0	0	0	0
Case 73	8	2,164,712	2,275,178	1	0	1	0
Case 73	8	2,289,839	2,540,711	0	0	0	0
Case 73	8	2,542,045	2,549,380	1	0	1	0
Case 73	8	2,552,402	2,664,858	0	0	0	0
Case 73	8	2,667,474	2,703,064	1	0	1	0
Case 73	8	2,704,193	2,747,940	0	0	0	0
Case 73	8	2,748,821	2,757,991	1	0	1	0
Case 73	8	2,759,300	2,924,238	0	0	0	0
Case 73	8	2,924,429	2,936,461	1	0	1	0
Case 73	8	2,941,053	2,965,318	0	0	0	0
Case 73	8	2,966,126	2,970,539	1	0	1	0
Case 73	8	2,971,213	2,995,761	0	0	0	0
Case 73	8	2,996,012	3,021,495	1	0	1	0
Case 73	8	3,024,326	3,141,447	0	0	0	0
Case 73	8	3,141,695	3,160,221	1	0	1	0
Case 73	8	3,161,242	3,165,207	0	0	0	0
Case 73	8	3,165,277	3,168,573	1	0	1	0
Case 73	8	3,172,225	3,316,475	0	0	0	0
Case 73	8	3,316,914	3,319,331	1	0	1	0
Case 73	8	3,319,748	3,350,962	0	0	0	0
Case 73	8	3,351,147	3,361,471	1	0	1	0
Case 73	8	3,363,444	3,502,239	0	0	0	0
Case 73	8	3,502,719	3,504,117	1	0	1	0
Case 73	8	3,505,575	3,516,984	0	0	0	0
Case 73	8	3,517,336	3,521,949	1	0	1	0
Case 73	8	3,523,100	10,468,172	3	0	3	1

Case 73	8	10,468,310	10,470,805	2	0	2	1
Case 73	8	10,470,915	14,950,895	3	0	3	1
Case 73	8	14,951,436	14,951,436	2	0	2	1
Case 73	8	14,951,943	14,979,482	0	0	0	0
Case 73	8	14,981,439	43,791,691	3	0	3	1
Case 73	8	46,886,735	61,590,175	3	2	5	0
Case 73	8	61,597,447	61,775,182	2	2	4	0
Case 73	8	61,777,937	73,185,998	3	2	5	0
Case 73	8	73,193,532	73,587,678	4	2	6	0
Case 73	8	73,588,474	74,397,713	3	2	5	0
Case 73	8	74,402,277	75,143,753	4	2	6	0
Case 73	8	75,145,770	83,590,728	3	2	5	0
Case 73	8	83,591,879	86,099,701	4	2	6	0
Case 73	8	86,099,942	90,078,197	3	2	5	0
Case 73	8	90,087,094	90,488,877	3	1	4	0
Case 73	8	90,490,180	91,305,844	3	2	5	0
Case 73	8	91,308,566	96,852,520	2	2	4	0
Case 73	8	96,853,415	96,864,355	3	1	4	0
Case 73	8	96,870,639	97,285,617	5	2	7	0
Case 73	8	97,285,816	97,295,677	3	1	4	0
Case 73	8	97,307,326	97,376,980	4	1	5	0
Case 73	8	97,384,973	99,133,678	5	1	6	0
Case 73	8	99,135,575	99,153,088	4	1	5	0
Case 73	8	99,153,160	99,153,160	3	1	4	0
Case 73	8	99,154,285	101,620,541	5	2	7	0
Case 73	8	101,620,743	101,620,783	3	1	4	0
Case 73	8	101,624,235	102,595,267	4	2	6	0
Case 73	8	102,595,587	102,596,210	3	2	5	0
Case 73	8	102,599,384	103,532,303	5	2	7	0
Case 73	8	103,534,797	103,553,857	3	1	4	0
Case 73	8	103,555,913	103,791,669	4	2	6	0
Case 73	8	103,793,370	103,794,864	3	2	5	0
Case 73	8	103,798,301	104,425,304	5	2	7	0
Case 73	8	104,427,354	104,432,617	3	1	4	0
Case 73	8	104,432,659	104,882,403	5	2	7	0
Case 73	8	104,897,539	104,898,337	3	1	4	0
Case 73	8	104,901,578	105,359,432	5	2	7	0
Case 73	8	105,360,898	105,361,091	3	1	4	0
Case 73	8	105,361,354	105,792,850	4	2	6	0
Case 73	8	105,796,187	105,796,187	3	2	5	0
Case 73	8	105,797,936	107,511,933	5	2	7	0
Case 73	8	107,515,351	120,592,815	4	2	6	0
Case 73	8	120,594,780	120,634,022	3	2	5	0
Case 73	8	120,636,850	120,658,757	3	3	6	0
Case 73	8	120,658,845	120,679,258	3	2	5	0
Case 73	8	120,679,572	121,852,680	3	3	6	0
Case 73	8	121,853,405	123,830,795	4	2	6	0
Case 73	8	123,834,815	123,965,893	3	2	5	0
Case 73	8	123,966,052	124,238,872	4	1	5	0
Case 73	8	124,241,342	124,440,235	5	1	6	0
Case 73	8	124,440,260	126,765,322	4	1	5	0
Case 73	8	126,765,996	130,572,110	4	2	6	0
Case 73	8	130,572,304	130,586,355	3	2	5	0
Case 73	8	130,587,932	131,695,518	4	1	5	0
Case 73	8	131,696,746	131,696,746	3	1	4	0
Case 73	8	131,697,816	133,036,745	4	2	6	0
Case 73	8	133,036,775	133,174,006	3	2	5	0
Case 73	8	133,175,736	133,854,970	4	2	6	0
Case 73	8	133,855,035	134,296,524	3	2	5	0
Case 73	8	134,298,492	135,288,668	4	2	6	0
Case 73	8	135,290,290	135,676,891	3	2	5	0

Case 73	8	135,678,804	136,192,644	4	2	6	0
Case 73	8	136,193,650	136,500,554	3	2	5	0
Case 73	8	136,522,558	139,117,698	4	2	6	0
Case 73	8	139,123,897	139,951,715	3	2	5	0
Case 73	8	139,954,311	140,343,359	4	2	6	0
Case 73	8	140,345,034	140,801,720	3	2	5	0
Case 73	8	140,805,932	140,819,035	4	2	6	0
Case 73	8	140,819,819	140,986,842	4	1	5	0
Case 73	8	140,989,919	140,989,919	3	2	5	0
Case 73	8	140,990,501	140,990,501	3	1	4	0
Case 73	8	140,990,677	144,654,303	3	2	5	0
Case 73	8	144,654,594	144,685,178	4	2	6	0
Case 73	8	144,686,512	144,803,531	3	2	5	0
Case 73	8	144,803,727	144,928,660	3	3	6	0
Case 73	8	144,929,811	144,943,196	3	1	4	0
Case 73	8	144,943,223	144,990,840	5	2	7	0
Case 73	8	144,990,878	144,991,972	3	1	4	0
Case 73	8	144,992,103	144,992,953	5	2	7	0
Case 73	8	144,992,962	144,993,530	3	1	4	0
Case 73	8	144,993,793	145,086,616	4	2	6	0
Case 73	8	145,086,736	145,160,983	3	2	5	0
Case 73	8	145,161,803	145,682,115	4	2	6	0
Case 73	8	145,687,475	146,293,414	3	2	5	0
Case 73	9	46,587	4,972,398	2	0	2	1
Case 73	9	4,974,441	5,081,585	1	0	1	0
Case 73	9	5,081,780	6,986,190	2	0	2	1
Case 73	9	6,986,365	6,990,510	1	0	1	0
Case 73	9	6,993,811	8,794,314	2	0	2	1
Case 73	9	8,794,775	8,832,038	1	0	1	0
Case 73	9	8,840,840	9,184,911	2	0	2	1
Case 73	9	9,186,346	9,197,160	1	0	1	0
Case 73	9	9,197,298	9,287,321	2	0	2	1
Case 73	9	9,287,406	9,349,832	1	0	1	0
Case 73	9	9,350,608	9,442,794	2	0	2	1
Case 73	9	9,443,985	9,526,811	0	0	0	0
Case 73	9	9,530,755	9,647,916	1	0	1	0
Case 73	9	9,649,668	9,800,624	2	0	2	1
Case 73	9	9,801,153	9,829,254	1	0	1	0
Case 73	9	9,830,675	9,908,722	2	0	2	1
Case 73	9	9,908,821	9,914,428	1	0	1	0
Case 73	9	9,915,186	9,961,522	2	0	2	1
Case 73	9	9,962,204	10,107,399	1	0	1	0
Case 73	9	10,112,766	10,214,007	2	0	2	1
Case 73	9	10,215,130	10,311,000	1	0	1	0
Case 73	9	10,315,193	10,348,659	2	0	2	1
Case 73	9	10,352,639	10,362,315	1	0	1	0
Case 73	9	10,364,655	10,473,380	2	0	2	1
Case 73	9	10,478,387	10,506,167	1	0	1	0
Case 73	9	10,509,682	11,649,257	2	0	2	1
Case 73	9	11,656,743	11,753,695	1	0	1	0
Case 73	9	11,759,484	12,095,022	2	0	2	1
Case 73	9	12,098,000	12,272,744	1	0	1	0
Case 73	9	12,275,924	12,657,603	2	0	2	1
Case 73	9	12,658,470	12,683,639	1	0	1	0
Case 73	9	12,687,872	13,158,062	2	0	2	1
Case 73	9	13,158,958	13,176,152	1	0	1	0
Case 73	9	13,176,248	14,648,118	2	0	2	1
Case 73	9	14,649,728	14,676,870	1	0	1	0
Case 73	9	14,677,538	14,833,003	2	0	2	1
Case 73	9	14,833,488	14,835,081	1	0	1	0
Case 73	9	14,838,860	15,585,395	2	0	2	1

Case 73	9	15,591,372	15,777,823	1	0	1	0
Case 73	9	15,779,143	17,190,094	2	0	2	1
Case 73	9	17,208,589	17,388,195	1	0	1	0
Case 73	9	17,391,531	17,404,464	2	0	2	1
Case 73	9	17,409,391	17,502,205	1	0	1	0
Case 73	9	17,503,073	17,635,712	2	0	2	1
Case 73	9	17,637,196	17,657,363	1	0	1	0
Case 73	9	17,662,411	18,023,123	2	0	2	1
Case 73	9	18,023,764	18,061,140	1	0	1	0
Case 73	9	18,066,074	18,527,831	2	0	2	1
Case 73	9	18,528,775	18,533,731	1	0	1	0
Case 73	9	18,537,444	18,653,773	2	0	2	1
Case 73	9	18,655,961	18,664,420	1	0	1	0
Case 73	9	18,666,780	20,801,654	2	0	2	1
Case 73	9	20,811,421	20,866,934	1	0	1	0
Case 73	9	20,866,982	20,981,542	2	0	2	1
Case 73	9	20,981,684	21,080,518	1	0	1	0
Case 73	9	21,082,814	22,648,562	2	0	2	1
Case 73	9	22,652,491	22,811,336	1	0	1	0
Case 73	9	22,818,289	22,894,794	2	0	2	1
Case 73	9	22,901,504	22,966,185	1	0	1	0
Case 73	9	22,967,726	23,081,217	2	0	2	1
Case 73	9	23,081,882	23,103,266	1	0	1	0
Case 73	9	23,117,288	23,254,622	2	0	2	1
Case 73	9	23,259,295	23,322,467	1	0	1	0
Case 73	9	23,325,027	23,670,123	2	0	2	1
Case 73	9	23,676,631	23,887,854	3	1	4	0
Case 73	9	23,889,347	25,377,010	2	1	3	0
Case 73	9	25,378,030	27,151,706	1	1	2	0
Case 73	9	27,152,292	27,289,812	2	1	3	0
Case 73	9	27,290,984	27,575,785	1	1	2	0
Case 73	9	27,579,560	28,007,239	2	1	3	0
Case 73	9	28,011,383	30,698,142	1	1	2	0
Case 73	9	30,713,637	31,101,278	3	1	4	0
Case 73	9	31,102,874	31,102,874	2	1	3	0
Case 73	9	31,104,948	32,431,306	1	1	2	0
Case 73	9	32,431,728	32,453,278	2	1	3	0
Case 73	9	32,455,262	32,618,885	1	1	2	0
Case 73	9	32,619,211	36,099,871	2	1	3	0
Case 73	9	36,100,388	36,693,098	1	1	2	0
Case 73	9	36,697,735	37,036,285	2	1	3	0
Case 73	9	37,038,258	37,302,155	1	1	2	0
Case 73	9	37,302,186	37,638,744	2	1	3	0
Case 73	9	37,638,972	37,874,090	1	1	2	0
Case 73	9	37,886,429	38,531,889	2	1	3	0
Case 73	9	38,533,004	38,636,463	1	1	2	0
Case 73	9	38,639,318	38,700,361	2	1	3	0
Case 73	9	38,704,570	39,004,140	1	1	2	0
Case 73	9	39,076,028	46,944,322	2	1	3	0
Case 73	9	65,629,772	72,833,511	2	1	3	0
Case 73	9	72,840,691	72,897,440	1	0	1	0
Case 73	9	72,897,441	75,231,217	2	1	3	0
Case 73	9	75,231,370	76,321,504	1	1	2	0
Case 73	9	76,321,671	76,392,885	2	1	3	0
Case 73	9	76,397,650	78,163,305	1	1	2	0
Case 73	9	78,165,213	78,259,163	2	1	3	0
Case 73	9	78,259,536	78,407,484	1	1	2	0
Case 73	9	78,412,423	78,792,438	2	1	3	0
Case 73	9	78,793,274	78,815,368	1	1	2	0
Case 73	9	78,816,016	79,282,589	2	1	3	0
Case 73	9	79,292,138	79,322,921	1	1	2	0

Case 73	9	79,323,154	79,700,008	2	1	3	0
Case 73	9	79,702,675	80,004,213	1	1	2	0
Case 73	9	80,010,025	80,742,806	2	1	3	0
Case 73	9	80,746,139	80,901,335	1	1	2	0
Case 73	9	80,906,946	81,111,931	2	1	3	0
Case 73	9	81,116,860	81,442,685	1	1	2	0
Case 73	9	81,443,855	81,692,440	2	1	3	0
Case 73	9	81,692,943	82,282,697	1	1	2	0
Case 73	9	82,298,288	82,439,058	2	1	3	0
Case 73	9	82,443,844	83,643,525	1	1	2	0
Case 73	9	83,651,543	83,928,428	2	1	3	0
Case 73	9	83,928,740	84,197,169	1	1	2	0
Case 73	9	84,200,531	84,444,308	2	1	3	0
Case 73	9	84,445,182	85,332,687	1	1	2	0
Case 73	9	85,338,256	85,430,642	2	1	3	0
Case 73	9	85,432,032	85,781,109	1	1	2	0
Case 73	9	85,781,504	86,229,249	2	1	3	0
Case 73	9	86,231,370	86,789,462	1	1	2	0
Case 73	9	86,791,333	86,963,524	2	1	3	0
Case 73	9	86,963,692	88,017,606	1	1	2	0
Case 73	9	88,018,061	88,104,161	2	1	3	0
Case 73	9	88,105,301	88,661,440	1	1	2	0
Case 73	9	88,661,453	88,709,573	2	1	3	0
Case 73	9	88,715,004	88,960,026	3	1	4	0
Case 73	9	88,961,237	89,951,915	2	1	3	0
Case 73	9	89,954,522	90,098,265	1	1	2	0
Case 73	9	90,101,096	90,501,133	2	1	3	0
Case 73	9	90,501,337	90,895,184	1	1	2	0
Case 73	9	90,896,018	91,369,668	2	1	3	0
Case 73	9	91,370,155	91,563,034	1	1	2	0
Case 73	9	91,569,331	93,193,062	2	1	3	0
Case 73	9	93,199,571	93,595,807	1	1	2	0
Case 73	9	93,596,067	94,037,873	2	1	3	0
Case 73	9	94,047,814	94,482,041	1	1	2	0
Case 73	9	94,483,198	94,625,960	2	1	3	0
Case 73	9	94,626,543	95,309,243	1	1	2	0
Case 73	9	95,323,135	95,378,254	2	1	3	0
Case 73	9	95,378,704	96,070,859	1	1	2	0
Case 73	9	96,072,452	96,766,248	2	1	3	0
Case 73	9	96,769,237	97,072,647	1	1	2	0
Case 73	9	97,107,088	98,555,942	2	1	3	0
Case 73	9	98,559,246	98,776,111	1	1	2	0
Case 73	9	98,781,179	98,970,911	2	1	3	0
Case 73	9	98,972,430	100,520,013	1	1	2	0
Case 73	9	100,521,585	100,650,096	2	1	3	0
Case 73	9	100,660,122	100,823,084	1	1	2	0
Case 73	9	100,823,121	102,407,049	2	1	3	0
Case 73	9	102,426,699	102,861,613	3	1	4	0
Case 73	9	102,866,870	116,416,163	2	1	3	0
Case 73	9	116,418,881	117,094,149	3	0	3	1
Case 73	9	117,097,755	117,845,347	2	0	2	1
Case 73	9	117,846,499	118,250,623	3	0	3	1
Case 73	9	118,252,779	118,716,486	2	0	2	1
Case 73	9	118,719,627	119,041,018	3	0	3	1
Case 73	9	119,044,580	119,163,576	2	0	2	1
Case 73	9	119,172,047	119,554,510	3	0	3	1
Case 73	9	119,561,084	119,812,580	2	0	2	1
Case 73	9	119,815,778	119,992,025	3	0	3	1
Case 73	9	119,992,795	120,490,389	2	0	2	1
Case 73	9	120,496,387	121,072,539	3	0	3	1
Case 73	9	121,074,020	122,552,939	2	0	2	1

Case 73	9	122,556,173	123,156,591	3	0	3	1
Case 73	9	123,156,790	124,128,354	2	0	2	1
Case 73	9	124,131,512	132,759,808	3	0	3	1
Case 73	9	132,766,685	132,853,218	2	0	2	1
Case 73	9	132,854,659	132,912,150	3	0	3	1
Case 73	9	132,914,712	133,367,704	2	0	2	1
Case 73	9	133,370,298	133,501,778	3	0	3	1
Case 73	9	133,506,083	133,593,939	2	0	2	1
Case 73	9	133,595,219	141,066,491	3	0	3	1
Case 73	10	98,087	1,934,824	4	0	4	1
Case 73	10	1,942,800	2,120,407	5	0	5	1
Case 73	10	2,125,211	2,372,763	4	0	4	1
Case 73	10	2,373,295	6,342,123	3	0	3	1
Case 73	10	6,342,636	6,430,767	4	0	4	1
Case 73	10	6,431,340	29,364,393	3	0	3	1
Case 73	10	29,364,697	29,580,933	4	0	4	1
Case 73	10	29,581,998	39,097,912	3	0	3	1
Case 73	10	42,436,301	42,467,126	3	0	3	1
Case 73	10	42,478,452	44,104,513	4	0	4	1
Case 73	10	44,105,044	48,324,245	3	0	3	1
Case 73	10	48,326,282	49,698,113	2	0	2	1
Case 73	10	49,699,957	49,911,737	3	0	3	1
Case 73	10	49,917,865	50,740,827	2	0	2	1
Case 73	10	50,757,504	50,873,067	3	0	3	1
Case 73	10	50,874,028	51,110,279	2	0	2	1
Case 73	10	51,503,335	52,201,167	3	0	3	1
Case 73	10	52,207,073	52,617,538	2	0	2	1
Case 73	10	52,623,433	53,242,283	1	0	1	0
Case 73	10	53,242,703	53,245,152	0	0	0	0
Case 73	10	53,246,751	54,864,975	1	0	1	0
Case 73	10	54,865,321	54,911,808	0	0	0	0
Case 73	10	54,914,951	55,333,463	1	0	1	0
Case 73	10	55,333,926	55,338,875	0	0	0	0
Case 73	10	55,346,502	56,989,733	1	0	1	0
Case 73	10	56,993,816	57,014,652	0	0	0	0
Case 73	10	57,018,033	58,067,127	1	0	1	0
Case 73	10	58,074,938	58,117,124	0	0	0	0
Case 73	10	58,118,339	59,392,443	1	0	1	0
Case 73	10	59,392,718	59,410,897	0	0	0	0
Case 73	10	59,417,476	61,035,570	1	0	1	0
Case 73	10	61,050,653	84,416,129	3	0	3	1
Case 73	10	84,423,164	85,944,516	1	0	1	0
Case 73	10	85,950,406	85,968,504	2	0	2	1
Case 73	10	85,970,790	88,852,942	1	0	1	0
Case 73	10	88,864,876	89,069,591	2	0	2	1
Case 73	10	89,081,583	90,352,886	1	0	1	0
Case 73	10	90,353,775	90,356,670	0	0	0	0
Case 73	10	90,358,138	91,143,343	1	0	1	0
Case 73	10	91,143,468	91,144,241	2	0	2	1
Case 73	10	91,144,451	91,468,925	1	0	1	0
Case 73	10	91,469,005	91,522,548	0	0	0	0
Case 73	10	91,522,558	92,362,797	1	0	1	0
Case 73	10	92,371,952	102,726,641	4	0	4	1
Case 73	10	102,731,584	102,835,254	3	0	3	1
Case 73	10	102,841,029	109,303,140	4	0	4	1
Case 73	10	109,306,967	127,542,753	5	0	5	1
Case 73	10	127,548,215	127,831,501	2	0	2	1
Case 73	10	127,833,685	128,027,301	3	0	3	1
Case 73	10	128,030,262	128,808,908	2	0	2	1
Case 73	10	128,809,541	128,996,576	3	0	3	1
Case 73	10	129,001,986	129,089,317	2	0	2	1

Case 73	10	129,090,007	129,230,909	3	0	3	1
Case 73	10	129,233,816	129,899,938	2	0	2	1
Case 73	10	129,900,858	129,907,631	3	0	3	1
Case 73	10	129,907,741	130,123,291	2	0	2	1
Case 73	10	130,128,297	130,913,600	1	0	1	0
Case 73	10	130,915,346	130,919,969	2	0	2	1
Case 73	10	130,925,103	132,246,154	1	0	1	0
Case 73	10	132,250,590	132,281,238	2	0	2	1
Case 73	10	132,289,763	133,758,947	1	0	1	0
Case 73	10	133,761,285	133,809,325	2	0	2	1
Case 73	10	133,811,201	134,158,143	1	0	1	0
Case 73	10	134,158,860	134,190,734	2	0	2	1
Case 73	10	134,191,005	135,477,883	1	0	1	0
Case 73	11	193,146	408,725	3	0	3	1
Case 73	11	418,421	511,805	4	0	4	1
Case 73	11	521,302	2,029,278	3	0	3	1
Case 73	11	2,034,099	2,323,022	4	0	4	1
Case 73	11	2,323,029	5,199,208	3	0	3	1
Case 73	11	5,199,645	16,225,741	3	1	4	0
Case 73	11	16,236,658	16,266,740	3	2	5	0
Case 73	11	16,274,295	20,809,264	3	1	4	0
Case 73	11	20,822,918	20,910,614	2	0	2	1
Case 73	11	20,915,524	33,541,163	3	1	4	0
Case 73	11	33,559,186	33,706,353	3	0	3	1
Case 73	11	33,706,877	36,518,785	3	1	4	0
Case 73	11	36,528,025	36,615,697	2	1	3	0
Case 73	11	36,617,989	47,188,411	3	1	4	0
Case 73	11	47,188,426	47,434,986	2	1	3	0
Case 73	11	47,436,707	50,668,400	2	2	4	0
Case 73	11	50,697,498	51,591,253	3	0	3	1
Case 73	11	54,794,237	56,330,546	3	0	3	1
Case 73	11	56,342,048	67,046,971	2	2	4	0
Case 73	11	67,048,203	68,193,464	2	1	3	0
Case 73	11	68,193,628	68,452,468	3	1	4	0
Case 73	11	68,453,429	68,859,377	2	1	3	0
Case 73	11	68,861,329	69,975,570	3	1	4	0
Case 73	11	69,976,047	70,444,244	2	1	3	0
Case 73	11	70,445,161	71,145,941	3	1	4	0
Case 73	11	71,146,443	73,748,676	2	1	3	0
Case 73	11	73,748,678	76,322,550	3	1	4	0
Case 73	11	76,324,076	88,925,242	2	1	3	0
Case 73	11	88,930,377	89,182,652	3	0	3	1
Case 73	11	89,182,666	134,934,063	2	1	3	0
Case 73	12	191,619	2,920,736	3	2	5	0
Case 73	12	2,921,993	2,968,090	2	2	4	0
Case 73	12	2,968,094	6,424,235	3	2	5	0
Case 73	12	6,424,282	6,484,017	2	2	4	0
Case 73	12	6,488,450	6,553,806	3	2	5	0
Case 73	12	6,553,860	6,886,880	3	1	4	0
Case 73	12	6,886,977	6,935,405	3	2	5	0
Case 73	12	6,935,441	7,310,658	2	2	4	0
Case 73	12	7,313,760	9,144,906	3	2	5	0
Case 73	12	9,147,759	16,515,450	2	2	4	0
Case 73	12	16,515,945	17,646,284	3	2	5	0
Case 73	12	17,653,834	19,649,096	2	2	4	0
Case 73	12	19,657,013	19,947,813	3	1	4	0
Case 73	12	19,952,701	20,115,420	2	2	4	0
Case 73	12	20,122,534	20,165,273	3	0	3	1
Case 73	12	20,179,218	26,472,718	2	2	4	0
Case 73	12	26,475,967	26,523,923	3	2	5	0
Case 73	12	26,526,005	27,504,197	2	2	4	0



Case 73	12	27,508,240	27,775,904	3	2	5	0
Case 73	12	27,777,195	28,217,895	2	2	4	0
Case 73	12	28,218,371	28,744,641	3	2	5	0
Case 73	12	28,744,922	31,987,426	2	2	4	0
Case 73	12	31,997,831	34,149,433	3	2	5	0
Case 73	12	34,160,187	34,853,011	2	2	4	0
Case 73	12	37,876,400	38,416,139	2	2	4	0
Case 73	12	38,424,982	38,529,491	3	0	3	1
Case 73	12	38,541,366	38,686,613	2	1	3	0
Case 73	12	38,696,809	52,636,874	3	1	4	0
Case 73	12	52,639,235	53,907,067	2	1	3	0
Case 73	12	53,908,839	56,215,891	3	1	4	0
Case 73	12	56,216,070	56,558,438	2	1	3	0
Case 73	12	56,558,450	57,116,661	3	1	4	0
Case 73	12	57,116,834	57,319,226	3	2	5	0
Case 73	12	57,319,336	57,441,459	2	2	4	0
Case 73	12	57,441,489	59,809,256	3	2	5	0
Case 73	12	59,816,947	60,460,147	2	2	4	0
Case 73	12	60,469,422	61,596,597	3	2	5	0
Case 73	12	61,604,963	61,842,406	3	1	4	0
Case 73	12	61,844,049	61,851,235	2	2	4	0
Case 73	12	61,855,400	61,883,539	3	2	5	0
Case 73	12	61,884,068	66,182,455	2	2	4	0
Case 73	12	66,186,486	85,391,419	3	0	3	1
Case 73	12	85,394,887	85,564,834	2	0	2	1
Case 73	12	85,576,492	88,440,736	3	0	3	1
Case 73	12	88,444,154	88,524,191	2	0	2	1
Case 73	12	88,530,520	109,539,785	3	0	3	1
Case 73	12	109,540,689	122,092,186	4	0	4	1
Case 73	12	122,092,823	122,359,506	3	0	3	1
Case 73	12	122,359,542	123,868,158	4	0	4	1
Case 73	12	123,872,037	133,810,935	3	0	3	1
Case 73	13	19,058,717	22,271,565	2	1	3	0
Case 73	13	22,274,442	22,631,175	3	1	4	0
Case 73	13	22,636,003	23,329,181	4	1	5	0
Case 73	13	23,331,502	25,596,287	4	0	4	1
Case 73	13	25,598,246	25,671,941	3	1	4	0
Case 73	13	25,671,978	28,282,522	4	0	4	1
Case 73	13	28,283,059	28,645,757	3	1	4	0
Case 73	13	28,648,669	30,520,402	4	0	4	1
Case 73	13	30,521,753	31,838,560	3	1	4	0
Case 73	13	31,838,688	33,704,029	4	0	4	1
Case 73	13	33,704,030	33,704,651	3	1	4	0
Case 73	13	33,706,179	33,720,790	4	0	4	1
Case 73	13	33,724,537	34,380,920	4	1	5	0
Case 73	13	34,383,767	34,396,199	3	1	4	0
Case 73	13	34,399,263	40,370,177	4	0	4	1
Case 73	13	40,371,377	40,469,165	3	1	4	0
Case 73	13	40,471,398	40,902,175	4	1	5	0
Case 73	13	40,903,898	41,074,557	3	1	4	0
Case 73	13	41,076,410	43,555,803	4	0	4	1
Case 73	13	43,555,837	44,861,721	3	1	4	0
Case 73	13	44,862,358	46,865,970	4	0	4	1
Case 73	13	46,866,122	48,399,027	3	1	4	0
Case 73	13	48,400,077	49,417,350	2	1	3	0
Case 73	13	49,418,012	49,449,182	3	1	4	0
Case 73	13	49,449,644	67,152,595	3	0	3	1
Case 73	13	67,158,351	67,249,849	2	0	2	1
Case 73	13	67,264,175	71,381,493	3	0	3	1
Case 73	13	71,381,526	71,731,904	4	0	4	1
Case 73	13	71,741,392	73,891,902	2	0	2	1

Case 73	13	73,892,235	74,272,518	3	0	3	1
Case 73	13	74,273,455	76,342,150	2	0	2	1
Case 73	13	76,350,821	76,482,230	3	0	3	1
Case 73	13	76,486,342	77,256,532	2	0	2	1
Case 73	13	77,259,994	77,351,486	3	0	3	1
Case 73	13	77,351,749	78,034,564	2	0	2	1
Case 73	13	78,036,645	80,271,352	3	0	3	1
Case 73	13	80,273,590	80,778,953	4	0	4	1
Case 73	13	80,785,028	92,874,384	3	0	3	1
Case 73	13	92,875,466	94,034,140	4	0	4	1
Case 73	13	94,037,844	101,393,297	3	0	3	1
Case 73	13	101,394,726	101,673,512	4	0	4	1
Case 73	13	101,675,021	107,144,320	3	0	3	1
Case 73	13	107,145,663	107,911,258	4	0	4	1
Case 73	13	107,912,933	108,181,660	3	0	3	1
Case 73	13	108,189,783	108,692,209	4	0	4	1
Case 73	13	108,692,984	115,103,529	3	0	3	1
Case 73	14	19,280,733	20,215,649	2	0	2	1
Case 73	14	20,215,973	20,534,909	3	0	3	1
Case 73	14	20,539,305	21,750,308	4	0	4	1
Case 73	14	21,755,734	22,200,989	3	0	3	1
Case 73	14	22,201,888	23,128,339	4	0	4	1
Case 73	14	23,129,207	31,535,541	3	0	3	1
Case 73	14	31,539,064	34,070,758	2	0	2	1
Case 73	14	34,071,624	34,183,102	4	0	4	1
Case 73	14	34,184,786	34,570,966	2	0	2	1
Case 73	14	34,574,483	34,735,483	3	0	3	1
Case 73	14	34,744,426	37,050,642	2	0	2	1
Case 73	14	37,051,470	37,171,951	3	0	3	1
Case 73	14	37,173,235	37,288,393	2	0	2	1
Case 73	14	37,290,124	37,337,295	3	0	3	1
Case 73	14	37,337,527	41,577,085	2	0	2	1
Case 73	14	41,579,517	42,407,596	4	0	4	1
Case 73	14	42,413,647	44,824,949	2	0	2	1
Case 73	14	44,829,276	49,377,523	3	0	3	1
Case 73	14	49,378,248	49,659,435	4	0	4	1
Case 73	14	49,660,574	53,914,026	3	0	3	1
Case 73	14	53,919,309	54,861,808	4	0	4	1
Case 73	14	54,862,710	81,309,536	3	0	3	1
Case 73	14	81,321,794	81,786,278	4	0	4	1
Case 73	14	81,787,481	98,028,428	3	0	3	1
Case 73	14	98,039,922	98,292,879	2	0	2	1
Case 73	14	98,293,557	98,900,110	3	0	3	1
Case 73	14	98,905,951	99,147,232	2	0	2	1
Case 73	14	99,149,677	99,879,382	3	0	3	1
Case 73	14	99,889,388	100,005,497	2	0	2	1
Case 73	14	100,015,528	100,434,403	3	0	3	1
Case 73	14	100,441,224	101,109,501	2	0	2	1
Case 73	14	101,109,752	101,325,831	3	0	3	1
Case 73	14	101,325,962	101,464,984	2	0	2	1
Case 73	14	101,467,948	101,721,416	3	0	3	1
Case 73	14	101,723,780	101,859,654	2	0	2	1
Case 73	14	101,860,240	102,717,231	3	0	3	1
Case 73	14	102,717,236	104,657,760	2	0	2	1
Case 73	14	104,662,014	104,991,471	3	0	3	1
Case 73	14	104,995,893	105,408,341	2	0	2	1
Case 73	14	105,408,714	105,420,440	3	0	3	1
Case 73	14	105,420,477	107,056,354	2	0	2	1
Case 73	14	107,103,272	107,287,663	3	0	3	1
Case 73	15	20,034,919	24,921,894	1	0	1	0
Case 73	15	24,921,983	24,923,283	2	0	2	1

Case 73	15	24,923,403	25,925,284	1	0	1	0
Case 73	15	25,925,339	25,956,104	2	0	2	1
Case 73	15	25,957,736	26,865,632	1	0	1	0
Case 73	15	26,867,286	26,906,648	2	0	2	1
Case 73	15	26,910,450	28,053,557	1	0	1	0
Case 73	15	28,053,778	28,080,692	2	0	2	1
Case 73	15	28,083,423	29,346,518	1	0	1	0
Case 73	15	29,346,590	29,380,123	2	0	2	1
Case 73	15	29,381,801	30,007,573	1	0	1	0
Case 73	15	30,008,889	30,011,131	2	0	2	1
Case 73	15	30,011,276	31,321,875	1	0	1	0
Case 73	15	31,322,565	31,418,766	3	0	3	1
Case 73	15	31,420,785	31,449,628	2	0	2	1
Case 73	15	31,451,498	32,081,782	3	0	3	1
Case 73	15	32,082,749	32,938,761	2	0	2	1
Case 73	15	32,939,946	33,025,627	3	0	3	1
Case 73	15	33,025,979	33,231,485	2	0	2	1
Case 73	15	33,233,556	33,332,101	3	0	3	1
Case 73	15	33,342,543	33,818,190	2	0	2	1
Case 73	15	33,820,338	34,040,442	3	0	3	1
Case 73	15	34,041,335	34,126,865	2	0	2	1
Case 73	15	34,127,220	34,215,897	3	0	3	1
Case 73	15	34,217,317	38,838,264	2	0	2	1
Case 73	15	38,839,587	39,181,802	3	0	3	1
Case 73	15	39,188,421	39,539,801	2	0	2	1
Case 73	15	39,542,265	39,872,056	3	0	3	1
Case 73	15	39,873,284	41,099,827	2	0	2	1
Case 73	15	41,099,843	41,223,901	3	0	3	1
Case 73	15	41,224,538	42,222,390	2	0	2	1
Case 73	15	42,223,259	42,326,259	3	0	3	1
Case 73	15	42,326,362	42,392,164	2	0	2	1
Case 73	15	42,394,368	42,439,503	3	0	3	1
Case 73	15	42,439,540	43,365,760	2	0	2	1
Case 73	15	43,382,887	43,991,180	3	0	3	1
Case 73	15	44,016,417	45,436,389	2	2	4	0
Case 73	15	45,436,392	45,543,281	3	2	5	0
Case 73	15	45,543,870	46,052,390	2	2	4	0
Case 73	15	46,061,069	46,845,521	3	2	5	0
Case 73	15	46,847,878	49,397,812	2	2	4	0
Case 73	15	49,414,418	49,585,979	3	0	3	1
Case 73	15	49,601,425	50,555,544	2	2	4	0
Case 73	15	50,564,884	50,793,009	3	2	5	0
Case 73	15	50,806,469	53,206,136	2	2	4	0
Case 73	15	53,209,322	53,493,565	4	2	6	0
Case 73	15	53,494,101	55,894,558	3	2	5	0
Case 73	15	55,908,203	63,322,026	3	1	4	0
Case 73	15	63,323,779	64,712,608	2	1	3	0
Case 73	15	64,721,828	67,078,484	3	1	4	0
Case 73	15	67,081,843	68,452,136	4	1	5	0
Case 73	15	68,467,093	69,430,016	3	1	4	0
Case 73	15	69,430,906	69,778,982	4	1	5	0
Case 73	15	69,781,764	70,721,586	3	1	4	0
Case 73	15	70,722,262	72,006,057	4	1	5	0
Case 73	15	72,007,353	72,270,591	3	1	4	0
Case 73	15	72,270,594	72,495,496	4	0	4	1
Case 73	15	72,496,762	73,259,994	3	1	4	0
Case 73	15	73,267,452	73,552,659	4	1	5	0
Case 73	15	73,554,544	75,703,979	3	1	4	0
Case 73	15	75,704,005	77,324,693	3	2	5	0
Case 73	15	77,324,696	77,474,081	3	1	4	0
Case 73	15	77,508,046	78,234,637	3	2	5	0

Case 73	15	78,255,219	78,489,562	3	1	4	0
Case 73	15	78,497,593	78,826,180	3	2	5	0
Case 73	15	78,831,753	78,927,589	3	1	4	0
Case 73	15	78,927,863	81,558,045	3	2	5	0
Case 73	15	81,558,093	81,641,872	3	1	4	0
Case 73	15	81,642,344	82,564,555	3	2	5	0
Case 73	15	82,571,046	83,527,867	3	1	4	0
Case 73	15	83,532,948	84,580,582	3	2	5	0
Case 73	15	84,581,888	84,700,103	3	1	4	0
Case 73	15	84,700,108	88,914,634	3	2	5	0
Case 73	15	88,920,678	89,563,112	3	1	4	0
Case 73	15	89,565,486	90,162,954	3	2	5	0
Case 73	15	90,166,981	90,174,776	2	2	4	0
Case 73	15	90,174,780	90,784,376	3	2	5	0
Case 73	15	90,784,478	90,814,976	2	2	4	0
Case 73	15	90,815,287	91,354,439	3	2	5	0
Case 73	15	91,354,505	91,557,071	3	1	4	0
Case 73	15	91,561,076	99,664,045	3	2	5	0
Case 73	15	99,666,329	99,759,194	3	1	4	0
Case 73	15	99,759,673	101,437,358	3	2	5	0
Case 73	15	101,438,862	101,618,508	3	1	4	0
Case 73	15	101,623,455	102,461,162	3	2	5	0
Case 73	16	88,165	1,155,025	2	1	3	0
Case 73	16	1,159,731	1,187,931	1	0	1	0
Case 73	16	1,192,213	1,536,938	2	1	3	0
Case 73	16	1,537,391	1,550,409	1	1	2	0
Case 73	16	1,550,474	3,594,316	2	1	3	0
Case 73	16	3,598,190	3,613,911	1	1	2	0
Case 73	16	3,614,059	4,343,620	2	1	3	0
Case 73	16	4,347,504	4,382,420	1	1	2	0
Case 73	16	4,382,607	6,972,216	2	1	3	0
Case 73	16	6,993,055	7,014,662	2	0	2	1
Case 73	16	7,016,549	35,285,582	2	1	3	0
Case 73	16	46,450,037	46,450,037	2	1	3	0
Case 73	16	46,532,286	48,399,330	1	1	2	0
Case 73	16	48,399,361	49,173,186	2	1	3	0
Case 73	16	49,191,705	53,191,383	2	0	2	1
Case 73	16	53,196,042	53,321,892	1	0	1	0
Case 73	16	53,326,860	54,004,811	2	0	2	1
Case 73	16	54,005,163	54,009,501	1	0	1	0
Case 73	16	54,019,686	56,198,338	2	0	2	1
Case 73	16	56,223,892	56,464,517	2	1	3	0
Case 73	16	56,465,425	56,604,888	1	1	2	0
Case 73	16	56,606,138	58,246,346	2	1	3	0
Case 73	16	58,246,941	58,577,485	1	1	2	0
Case 73	16	58,579,274	58,861,762	2	1	3	0
Case 73	16	58,863,961	59,559,038	1	1	2	0
Case 73	16	59,567,416	59,731,567	2	1	3	0
Case 73	16	59,731,831	60,136,254	1	1	2	0
Case 73	16	60,146,143	60,250,569	2	1	3	0
Case 73	16	60,251,539	60,665,658	1	1	2	0
Case 73	16	60,671,834	61,484,024	2	1	3	0
Case 73	16	61,487,834	61,668,912	1	1	2	0
Case 73	16	61,674,103	61,815,646	1	0	1	0
Case 73	16	61,823,318	62,304,320	1	1	2	0
Case 73	16	62,306,387	62,532,437	2	1	3	0
Case 73	16	62,535,183	62,804,413	1	1	2	0
Case 73	16	62,806,940	63,518,506	2	1	3	0
Case 73	16	63,520,218	64,620,001	1	1	2	0
Case 73	16	64,636,137	68,592,497	2	1	3	0
Case 73	16	68,597,030	68,840,588	2	0	2	1

Case 73	16	68,842,734	71,877,966	2	1	3	0
Case 73	16	71,884,209	72,984,739	2	0	2	1
Case 73	16	72,990,553	73,213,224	3	0	3	1
Case 73	16	73,220,771	76,432,398	2	0	2	1
Case 73	16	76,438,005	76,495,945	1	0	1	0
Case 73	16	76,498,403	76,569,482	2	0	2	1
Case 73	16	76,569,512	76,592,552	1	0	1	0
Case 73	16	76,592,633	78,077,430	2	0	2	1
Case 73	16	78,087,730	78,153,157	1	0	1	0
Case 73	16	78,160,462	78,206,556	0	0	0	0
Case 73	16	78,206,954	78,224,186	1	0	1	0
Case 73	16	78,236,048	78,410,634	0	0	0	0
Case 73	16	78,413,896	78,482,142	1	0	1	0
Case 73	16	78,487,877	78,520,045	0	0	0	0
Case 73	16	78,522,184	78,527,664	1	0	1	0
Case 73	16	78,533,357	78,693,758	0	0	0	0
Case 73	16	78,696,257	78,814,629	1	0	1	0
Case 73	16	78,816,421	78,839,835	0	0	0	0
Case 73	16	78,840,745	78,877,418	1	0	1	0
Case 73	16	78,877,618	78,901,723	0	0	0	0
Case 73	16	78,901,769	78,911,336	1	0	1	0
Case 73	16	78,914,000	78,953,857	0	0	0	0
Case 73	16	78,955,140	78,979,747	1	0	1	0
Case 73	16	78,980,401	78,996,850	0	0	0	0
Case 73	16	78,997,613	79,053,610	1	0	1	0
Case 73	16	79,053,912	79,093,317	0	0	0	0
Case 73	16	79,095,848	79,102,113	1	0	1	0
Case 73	16	79,104,622	79,153,058	0	0	0	0
Case 73	16	79,155,751	79,157,216	1	0	1	0
Case 73	16	79,158,182	79,236,908	0	0	0	0
Case 73	16	79,237,510	79,251,509	1	0	1	0
Case 73	16	79,252,324	79,280,298	0	0	0	0
Case 73	16	79,287,520	79,316,815	1	0	1	0
Case 73	16	79,317,203	79,319,687	0	0	0	0
Case 73	16	79,320,912	79,377,362	1	0	1	0
Case 73	16	79,377,763	79,421,837	0	0	0	0
Case 73	16	79,427,879	79,465,813	1	0	1	0
Case 73	16	79,466,556	79,520,553	0	0	0	0
Case 73	16	79,522,673	79,562,141	1	0	1	0
Case 73	16	79,565,165	79,585,021	0	0	0	0
Case 73	16	79,586,741	79,592,020	1	0	1	0
Case 73	16	79,594,409	79,605,583	0	0	0	0
Case 73	16	79,606,877	79,627,282	1	0	1	0
Case 73	16	79,628,181	79,655,663	0	0	0	0
Case 73	16	79,670,291	79,682,751	1	0	1	0
Case 73	16	79,685,297	79,729,031	0	0	0	0
Case 73	16	79,738,425	79,744,548	1	0	1	0
Case 73	16	79,744,986	79,941,572	0	0	0	0
Case 73	16	79,942,562	79,962,334	1	0	1	0
Case 73	16	79,967,324	79,980,410	0	0	0	0
Case 73	16	79,980,883	80,025,366	1	0	1	0
Case 73	16	80,028,483	80,151,666	0	0	0	0
Case 73	16	80,151,927	80,688,157	1	0	1	0
Case 73	16	80,696,071	82,775,107	2	0	2	1
Case 73	16	82,776,234	82,784,943	1	0	1	0
Case 73	16	82,785,970	82,834,027	2	0	2	1
Case 73	16	82,835,886	83,065,664	1	0	1	0
Case 73	16	83,065,743	83,069,709	2	0	2	1
Case 73	16	83,071,614	84,214,236	1	0	1	0
Case 73	16	84,215,011	84,215,475	2	0	2	1
Case 73	16	84,215,557	84,230,257	1	0	1	0

Case 73	16	84,230,300	84,230,500	0	0	0	0
Case 73	16	84,231,114	84,307,087	1	0	1	0
Case 73	16	84,308,076	84,340,877	2	0	2	1
Case 73	16	84,346,747	84,914,186	1	0	1	0
Case 73	16	84,914,818	87,920,275	2	0	2	1
Case 73	16	87,931,281	88,321,176	3	0	3	1
Case 73	16	88,331,640	88,904,097	2	0	2	1
Case 73	16	88,904,521	89,008,510	3	0	3	1
Case 73	16	89,014,871	89,737,329	2	0	2	1
Case 73	16	89,737,463	89,866,043	1	0	1	0
Case 73	16	89,869,704	89,908,003	0	0	0	0
Case 73	16	89,911,747	89,916,600	1	0	1	0
Case 73	16	89,916,774	89,927,195	0	0	0	0
Case 73	16	89,929,944	89,984,143	1	0	1	0
Case 73	16	89,984,370	89,986,030	0	0	0	0
Case 73	16	89,986,091	90,038,786	1	0	1	0
Case 73	16	90,045,986	90,050,880	0	0	0	0
Case 73	16	90,053,048	90,072,265	1	0	1	0
Case 73	16	90,074,001	90,095,620	0	0	0	0
Case 73	16	90,095,654	90,274,695	1	0	1	0
Case 73	17	11,885	22,242,355	3	0	3	1
Case 73	17	25,268,142	25,295,032	3	0	3	1
Case 73	17	25,329,949	28,877,845	3	1	4	0
Case 73	17	28,878,817	34,436,708	2	0	2	1
Case 73	17	34,443,811	34,456,073	3	0	3	1
Case 73	17	34,458,934	34,476,396	3	1	4	0
Case 73	17	34,597,521	36,991,576	2	0	2	1
Case 73	17	36,996,181	40,330,841	3	0	3	1
Case 73	17	40,335,086	60,889,186	4	0	4	1
Case 73	17	60,893,485	61,488,965	2	0	2	1
Case 73	17	61,489,417	61,573,804	3	0	3	1
Case 73	17	61,574,215	61,896,487	2	0	2	1
Case 73	17	61,897,218	62,407,139	3	0	3	1
Case 73	17	62,408,299	62,476,451	1	0	1	0
Case 73	17	62,479,069	63,329,765	3	0	3	1
Case 73	17	63,332,178	63,533,624	2	0	2	1
Case 73	17	63,534,340	63,734,166	3	0	3	1
Case 73	17	63,734,778	64,197,259	2	0	2	1
Case 73	17	64,197,405	65,105,649	3	0	3	1
Case 73	17	65,108,042	67,721,149	2	2	4	0
Case 73	17	67,754,386	67,829,458	3	0	3	1
Case 73	17	67,857,630	68,905,652	2	0	2	1
Case 73	17	68,907,823	71,839,114	3	0	3	1
Case 73	17	71,839,751	72,037,062	4	0	4	1
Case 73	17	72,037,147	75,523,579	3	0	3	1
Case 73	17	75,528,870	75,924,338	4	0	4	1
Case 73	17	75,925,820	81,060,040	3	0	3	1
Case 73	18	87,505	15,375,878	3	0	3	1
Case 73	18	18,520,354	32,112,405	3	0	3	1
Case 73	18	32,113,901	32,743,516	3	1	4	0
Case 73	18	32,744,127	34,983,864	3	0	3	1
Case 73	18	34,984,578	34,992,205	1	0	1	0
Case 73	18	35,000,087	41,552,391	3	0	3	1
Case 73	18	41,557,562	42,712,436	3	1	4	0
Case 73	18	42,713,485	43,224,125	3	0	3	1
Case 73	18	43,226,440	43,381,801	3	1	4	0
Case 73	18	43,394,375	43,536,260	2	1	3	0
Case 73	18	43,537,275	44,043,196	3	1	4	0
Case 73	18	44,045,287	45,547,811	3	0	3	1
Case 73	18	45,549,279	49,957,255	4	0	4	1
Case 73	18	49,960,237	50,215,412	3	1	4	0

Case 73	18	50,221,480	72,907,278	4	0	4	1
Case 73	18	72,910,687	72,922,457	3	0	3	1
Case 73	18	72,933,187	74,518,951	4	0	4	1
Case 73	18	74,523,247	74,683,389	3	0	3	1
Case 73	18	74,684,211	74,828,883	4	0	4	1
Case 73	18	74,838,659	75,150,503	3	1	4	0
Case 73	18	75,152,119	75,894,302	4	0	4	1
Case 73	18	75,899,708	78,015,180	3	1	4	0
Case 73	19	260,912	582,505	3	0	3	1
Case 73	19	582,775	2,306,575	2	0	2	1
Case 73	19	2,310,756	2,369,415	3	0	3	1
Case 73	19	2,369,931	2,993,524	2	0	2	1
Case 73	19	2,993,562	3,070,479	3	0	3	1
Case 73	19	3,076,808	5,915,098	2	0	2	1
Case 73	19	5,915,300	5,970,822	3	0	3	1
Case 73	19	5,979,820	9,049,224	2	0	2	1
Case 73	19	9,049,260	9,091,772	3	0	3	1
Case 73	19	9,096,252	10,108,687	2	0	2	1
Case 73	19	10,108,850	10,180,795	3	0	3	1
Case 73	19	10,181,347	10,745,467	2	0	2	1
Case 73	19	10,745,479	10,888,624	3	0	3	1
Case 73	19	10,893,735	11,224,296	2	0	2	1
Case 73	19	11,224,398	11,258,720	3	0	3	1
Case 73	19	11,263,650	11,361,620	2	0	2	1
Case 73	19	11,361,753	11,446,144	3	0	3	1
Case 73	19	11,446,171	13,335,432	2	0	2	1
Case 73	19	13,335,562	13,868,278	3	0	3	1
Case 73	19	13,869,687	14,273,567	2	0	2	1
Case 73	19	14,273,612	14,717,791	3	0	3	1
Case 73	19	14,719,254	15,131,436	2	0	2	1
Case 73	19	15,131,668	15,198,804	3	0	3	1
Case 73	19	15,203,866	15,837,869	2	0	2	1
Case 73	19	15,838,869	16,002,820	3	0	3	1
Case 73	19	16,004,371	16,172,739	2	0	2	1
Case 73	19	16,176,940	16,685,638	3	0	3	1
Case 73	19	16,686,864	18,624,964	2	0	2	1
Case 73	19	18,637,610	24,545,366	2	2	4	0
Case 73	19	24,629,285	24,629,285	2	1	3	0
Case 73	19	27,732,159	28,178,423	2	1	3	0
Case 73	19	28,185,193	31,996,788	2	2	4	0
Case 73	19	32,011,548	32,818,410	3	1	4	0
Case 73	19	32,828,881	33,702,245	2	1	3	0
Case 73	19	33,702,322	34,417,800	3	1	4	0
Case 73	19	34,421,191	37,005,500	2	1	3	0
Case 73	19	37,005,872	37,289,017	3	1	4	0
Case 73	19	37,309,486	40,486,301	2	1	3	0
Case 73	19	40,501,915	40,719,959	1	1	2	0
Case 73	19	40,720,381	41,356,054	2	1	3	0
Case 73	19	41,356,751	41,379,148	1	0	1	0
Case 73	19	41,382,476	54,888,703	2	1	3	0
Case 73	19	54,891,185	54,974,460	3	1	4	0
Case 73	19	54,981,997	59,097,160	2	1	3	0
Case 73	20	63,244	3,677,326	3	1	4	0
Case 73	20	3,677,494	3,888,337	2	1	3	0
Case 73	20	3,888,644	7,683,869	3	1	4	0
Case 73	20	7,684,688	8,527,885	3	2	5	0
Case 73	20	8,527,904	10,575,952	4	2	6	0
Case 73	20	10,579,373	10,671,462	3	2	5	0
Case 73	20	10,679,095	15,435,564	4	2	6	0
Case 73	20	15,435,756	15,438,731	3	2	5	0
Case 73	20	15,443,446	16,046,525	4	1	5	0

Case 73	20	16,049,287	16,054,623	3	1	4	0
Case 73	20	16,055,272	16,729,138	3	2	5	0
Case 73	20	16,729,262	17,000,370	4	2	6	0
Case 73	20	17,007,410	22,437,091	3	2	5	0
Case 73	20	22,441,124	22,543,034	4	2	6	0
Case 73	20	22,547,347	24,846,232	3	2	5	0
Case 73	20	24,847,926	25,004,176	2	2	4	0
Case 73	20	25,004,219	26,246,086	3	2	5	0
Case 73	20	26,247,606	26,293,985	4	1	5	0
Case 73	20	29,425,357	34,063,034	4	1	5	0
Case 73	20	34,064,340	34,848,116	7	0	7	1
Case 73	20	34,849,290	35,046,949	4	1	5	0
Case 73	20	35,047,221	35,281,592	3	1	4	0
Case 73	20	35,282,011	51,870,163	4	1	5	0
Case 73	20	51,870,244	51,876,653	3	1	4	0
Case 73	20	51,879,861	52,060,067	4	1	5	0
Case 73	20	52,063,311	52,304,108	7	0	7	1
Case 73	20	52,309,657	52,355,341	4	1	5	0
Case 73	20	52,356,646	54,468,058	5	1	6	0
Case 73	20	54,482,276	58,436,963	4	1	5	0
Case 73	20	58,440,630	58,544,820	6	1	7	0
Case 73	20	58,545,197	58,571,793	4	1	5	0
Case 73	20	58,572,142	60,772,923	5	1	6	0
Case 73	20	60,772,998	60,776,275	4	1	5	0
Case 73	20	60,777,232	62,722,711	5	1	6	0
Case 73	20	62,724,093	62,948,788	4	1	5	0
Case 73	21	10,827,533	10,971,337	2	0	2	1
Case 73	21	14,368,320	15,514,013	2	0	2	1
Case 73	21	15,515,843	15,849,874	1	0	1	0
Case 73	21	15,850,292	15,858,697	2	0	2	1
Case 73	21	15,859,450	15,902,978	1	0	1	0
Case 73	21	15,906,590	16,204,351	2	0	2	1
Case 73	21	16,209,949	16,315,838	1	0	1	0
Case 73	21	16,318,226	16,339,797	2	0	2	1
Case 73	21	16,339,852	16,346,881	1	0	1	0
Case 73	21	16,350,485	16,363,250	2	0	2	1
Case 73	21	16,364,756	16,521,176	1	0	1	0
Case 73	21	16,524,247	16,732,004	2	0	2	1
Case 73	21	16,734,872	16,850,308	1	0	1	0
Case 73	21	16,851,122	17,059,038	2	0	2	1
Case 73	21	17,065,143	17,654,621	1	0	1	0
Case 73	21	17,657,785	17,670,775	2	0	2	1
Case 73	21	17,675,675	18,382,681	1	0	1	0
Case 73	21	18,383,733	18,452,225	2	0	2	1
Case 73	21	18,453,305	18,633,839	1	0	1	0
Case 73	21	18,636,600	19,151,566	2	0	2	1
Case 73	21	19,154,417	19,438,152	1	0	1	0
Case 73	21	19,447,495	19,534,836	2	0	2	1
Case 73	21	19,535,591	19,639,174	1	0	1	0
Case 73	21	19,639,195	19,660,053	2	0	2	1
Case 73	21	19,662,652	19,687,517	1	0	1	0
Case 73	21	19,689,010	19,723,055	2	0	2	1
Case 73	21	19,723,501	20,160,506	1	0	1	0
Case 73	21	20,162,364	20,249,206	2	0	2	1
Case 73	21	20,250,104	21,535,472	1	0	1	0
Case 73	21	21,535,568	21,637,719	2	0	2	1
Case 73	21	21,639,279	21,697,744	1	0	1	0
Case 73	21	21,698,075	21,727,308	2	0	2	1
Case 73	21	21,728,433	22,044,940	1	0	1	0
Case 73	21	22,048,355	22,158,238	2	0	2	1
Case 73	21	22,162,833	23,264,430	1	0	1	0



Case 73	21	23,266,183	23,464,848	2	1	3	0
Case 73	21	23,470,698	23,925,128	1	1	2	0
Case 73	21	23,940,999	24,127,320	2	1	3	0
Case 73	21	24,129,169	25,224,320	1	1	2	0
Case 73	21	25,227,346	25,275,790	2	1	3	0
Case 73	21	25,280,867	25,446,807	2	0	2	1
Case 73	21	25,452,702	25,583,058	1	0	1	0
Case 73	21	25,587,093	26,145,577	2	0	2	1
Case 73	21	26,147,773	26,215,045	1	0	1	0
Case 73	21	26,223,909	28,225,582	2	0	2	1
Case 73	21	28,229,786	28,294,090	1	0	1	0
Case 73	21	28,294,143	28,534,333	2	0	2	1
Case 73	21	28,539,950	28,568,502	1	0	1	0
Case 73	21	28,570,637	31,694,642	2	0	2	1
Case 73	21	31,704,067	31,709,691	0	0	0	0
Case 73	21	31,709,703	31,711,892	1	0	1	0
Case 73	21	31,715,081	31,763,139	2	0	2	1
Case 73	21	31,763,618	31,887,658	2	1	3	0
Case 73	21	31,909,272	32,017,177	1	1	2	0
Case 73	21	32,020,375	32,410,695	2	1	3	0
Case 73	21	32,415,227	32,639,222	1	1	2	0
Case 73	21	32,644,046	32,999,554	2	1	3	0
Case 73	21	33,018,369	33,140,026	1	1	2	0
Case 73	21	33,146,821	33,514,887	2	1	3	0
Case 73	21	33,515,320	33,727,781	1	1	2	0
Case 73	21	33,729,129	33,869,440	2	1	3	0
Case 73	21	33,873,929	34,168,573	1	1	2	0
Case 73	21	34,180,921	34,588,494	2	1	3	0
Case 73	21	34,590,090	35,201,030	1	1	2	0
Case 73	21	35,201,281	37,484,942	2	1	3	0
Case 73	21	37,485,062	37,835,648	1	1	2	0
Case 73	21	37,836,711	38,171,655	2	1	3	0
Case 73	21	38,181,569	38,905,245	1	1	2	0
Case 73	21	38,906,782	48,100,155	2	1	3	0
Case 73	22	16,114,244	17,590,607	1	1	2	0
Case 73	22	17,590,744	17,747,195	2	1	3	0
Case 73	22	17,758,677	18,886,915	3	1	4	0
Case 73	22	18,889,490	21,416,442	3	0	3	1
Case 73	22	21,421,069	22,161,964	4	0	4	1
Case 73	22	22,161,974	24,220,053	3	0	3	1
Case 73	22	24,220,358	24,426,407	4	0	4	1
Case 73	22	24,432,578	25,604,477	3	0	3	1
Case 73	22	25,607,259	29,445,563	4	0	4	1
Case 73	22	29,445,795	33,144,874	3	0	3	1
Case 73	22	33,145,685	33,402,604	4	0	4	1
Case 73	22	33,402,843	33,628,586	5	0	5	1
Case 73	22	33,637,087	36,515,269	4	0	4	1
Case 73	22	36,517,932	38,545,619	3	0	3	1
Case 73	22	38,546,033	39,069,510	4	0	4	1
Case 73	22	39,076,587	39,148,606	3	0	3	1
Case 73	22	39,148,608	39,411,737	4	0	4	1
Case 73	22	39,413,365	44,924,370	3	0	3	1
Case 73	22	44,924,394	45,132,687	4	0	4	1
Case 73	22	45,132,831	45,719,228	3	0	3	1
Case 73	22	45,723,846	45,776,213	4	0	4	1
Case 73	22	45,779,406	45,838,156	3	0	3	1
Case 73	22	45,838,817	46,562,959	4	0	4	1
Case 73	22	46,563,133	51,195,728	3	0	3	1
Case 74	1	82,154	1,211,292	3	0	3	1
Case 74	1	1,213,305	1,469,384	2	0	2	1
Case 74	1	1,469,412	1,619,541	3	0	3	1

Case 74	1	1,627,987	1,627,987	1	0	1	0
Case 74	1	1,647,686	1,680,219	0	0	0	0
Case 74	1	1,684,472	1,686,087	2	0	2	1
Case 74	1	1,686,116	20,442,878	3	0	3	1
Case 74	1	20,442,892	20,672,051	2	0	2	1
Case 74	1	20,677,416	20,750,561	3	0	3	1
Case 74	1	20,758,192	25,243,554	2	0	2	1
Case 74	1	25,243,767	25,333,899	3	0	3	1
Case 74	1	25,335,222	34,254,416	2	0	2	1
Case 74	1	34,254,701	34,642,383	3	0	3	1
Case 74	1	34,643,413	34,666,582	2	0	2	1
Case 74	1	34,666,589	54,765,727	3	0	3	1
Case 74	1	54,766,101	55,044,940	4	0	4	1
Case 74	1	55,045,676	73,197,081	3	0	3	1
Case 74	1	73,203,025	75,160,724	4	0	4	1
Case 74	1	75,164,678	86,028,530	2	0	2	1
Case 74	1	86,034,864	86,092,872	3	0	3	1
Case 74	1	86,095,613	86,939,461	2	0	2	1
Case 74	1	86,939,540	86,988,709	3	0	3	1
Case 74	1	86,995,816	87,330,141	2	0	2	1
Case 74	1	87,369,103	87,381,454	3	0	3	1
Case 74	1	87,428,302	87,613,358	2	0	2	1
Case 74	1	87,614,821	87,894,363	3	0	3	1
Case 74	1	87,897,907	88,257,998	2	0	2	1
Case 74	1	88,260,306	88,346,411	3	0	3	1
Case 74	1	88,350,912	90,536,797	2	0	2	1
Case 74	1	90,537,317	90,671,625	3	0	3	1
Case 74	1	90,679,734	91,175,419	2	0	2	1
Case 74	1	91,178,036	91,321,687	3	0	3	1
Case 74	1	91,325,323	91,581,942	2	0	2	1
Case 74	1	91,586,000	91,631,091	3	0	3	1
Case 74	1	91,632,172	92,003,919	2	0	2	1
Case 74	1	92,006,877	92,339,976	3	0	3	1
Case 74	1	92,358,371	94,474,020	2	0	2	1
Case 74	1	94,474,185	94,637,058	3	0	3	1
Case 74	1	94,638,711	95,142,547	2	0	2	1
Case 74	1	95,142,843	95,160,537	3	0	3	1
Case 74	1	95,161,617	95,195,432	2	0	2	1
Case 74	1	95,198,251	95,603,092	3	0	3	1
Case 74	1	95,609,563	95,754,014	2	0	2	1
Case 74	1	95,757,160	96,018,531	3	0	3	1
Case 74	1	96,019,588	100,796,296	2	0	2	1
Case 74	1	100,798,137	101,002,833	3	0	3	1
Case 74	1	101,003,659	101,725,605	2	0	2	1
Case 74	1	101,726,526	101,836,640	3	0	3	1
Case 74	1	101,838,064	107,960,860	2	0	2	1
Case 74	1	107,961,196	108,116,715	3	0	3	1
Case 74	1	108,124,480	109,391,662	2	0	2	1
Case 74	1	109,392,715	109,397,229	3	0	3	1
Case 74	1	109,399,543	109,768,889	2	0	2	1
Case 74	1	109,771,063	109,794,785	3	0	3	1
Case 74	1	109,794,992	111,003,201	2	0	2	1
Case 74	1	111,006,869	111,166,960	3	0	3	1
Case 74	1	111,169,375	111,812,709	2	0	2	1
Case 74	1	111,813,951	112,078,745	3	0	3	1
Case 74	1	112,079,314	112,309,437	2	0	2	1
Case 74	1	112,315,450	112,511,555	3	0	3	1
Case 74	1	112,513,203	114,438,951	2	0	2	1
Case 74	1	114,440,547	114,795,885	3	0	3	1
Case 74	1	114,797,698	115,645,831	2	0	2	1
Case 74	1	115,648,756	116,040,016	3	0	3	1

Case 74	1	116,050,880	116,165,458	2	0	2	1
Case 74	1	116,170,427	116,334,813	3	0	3	1
Case 74	1	116,336,876	116,605,423	2	0	2	1
Case 74	1	116,607,788	116,907,359	3	0	3	1
Case 74	1	116,917,574	118,035,850	2	0	2	1
Case 74	1	118,038,557	118,277,252	3	0	3	1
Case 74	1	118,278,275	119,787,542	2	0	2	1
Case 74	1	119,789,106	120,344,398	3	0	3	1
Case 74	1	120,344,880	120,415,364	2	0	2	1
Case 74	1	120,418,844	121,346,616	3	0	3	1
Case 74	1	142,649,718	145,395,440	3	0	3	1
Case 74	1	145,395,604	149,201,987	4	0	4	1
Case 74	1	149,660,940	150,727,538	3	0	3	1
Case 74	1	150,727,539	150,960,423	4	0	4	1
Case 74	1	150,960,430	151,551,265	3	0	3	1
Case 74	1	151,551,320	152,058,192	4	0	4	1
Case 74	1	152,058,269	152,328,190	3	0	3	1
Case 74	1	152,328,835	153,614,712	4	0	4	1
Case 74	1	153,614,810	154,018,621	3	0	3	1
Case 74	1	154,018,655	154,227,239	4	0	4	1
Case 74	1	154,227,639	154,548,721	3	0	3	1
Case 74	1	154,551,032	154,896,032	4	0	4	1
Case 74	1	154,898,881	156,268,832	3	0	3	1
Case 74	1	156,268,833	156,394,000	4	0	4	1
Case 74	1	156,395,744	156,916,729	3	0	3	1
Case 74	1	156,917,152	161,009,523	4	0	4	1
Case 74	1	161,010,762	161,089,340	3	0	3	1
Case 74	1	161,089,650	180,063,445	4	0	4	1
Case 74	1	180,064,742	192,889,405	3	0	3	1
Case 74	1	192,891,048	193,161,959	2	0	2	1
Case 74	1	193,164,147	193,288,856	1	0	1	0
Case 74	1	193,290,358	193,569,748	2	0	2	1
Case 74	1	193,576,625	228,210,573	3	0	3	1
Case 74	1	228,216,997	228,268,492	2	0	2	1
Case 74	1	228,269,089	247,653,624	3	0	3	1
Case 74	1	247,654,439	247,654,439	1	0	1	0
Case 74	1	247,654,493	247,655,088	0	0	0	0
Case 74	1	247,655,102	247,655,102	2	0	2	1
Case 74	1	247,655,270	249,218,992	3	0	3	1
Case 74	2	18,674	33,623,566	2	1	3	0
Case 74	2	33,623,720	34,578,706	3	1	4	0
Case 74	2	34,580,853	43,312,809	2	1	3	0
Case 74	2	43,314,116	43,496,986	3	1	4	0
Case 74	2	43,501,686	57,507,510	2	1	3	0
Case 74	2	57,514,841	57,532,112	1	0	1	0
Case 74	2	57,542,882	75,938,251	2	1	3	0
Case 74	2	75,940,599	76,393,883	2	2	4	0
Case 74	2	76,404,263	77,078,101	2	1	3	0
Case 74	2	77,082,852	77,772,143	2	0	2	1
Case 74	2	77,774,970	88,383,996	2	1	3	0
Case 74	2	88,384,084	89,452,968	3	1	4	0
Case 74	2	89,516,537	92,050,792	2	1	3	0
Case 74	2	92,081,640	92,081,640	3	0	3	1
Case 74	2	95,429,424	141,751,592	3	0	3	1
Case 74	2	141,751,676	142,230,158	2	0	2	1
Case 74	2	142,231,898	187,103,445	3	0	3	1
Case 74	2	187,150,058	187,350,241	4	0	4	1
Case 74	2	187,356,004	213,347,104	3	0	3	1
Case 74	2	213,351,973	217,411,246	2	0	2	1
Case 74	2	217,412,087	217,661,530	3	0	3	1
Case 74	2	217,661,788	218,966,315	2	0	2	1

Case 74	2	218,988,774	219,029,133	3	0	3	1
Case 74	2	219,029,339	221,150,805	2	0	2	1
Case 74	2	221,157,107	221,412,389	3	0	3	1
Case 74	2	221,418,204	222,198,941	2	0	2	1
Case 74	2	222,199,604	222,290,902	3	0	3	1
Case 74	2	222,291,194	223,135,983	2	0	2	1
Case 74	2	223,137,001	223,349,415	3	0	3	1
Case 74	2	223,350,001	224,673,015	2	0	2	1
Case 74	2	224,674,868	224,932,899	3	0	3	1
Case 74	2	224,933,339	228,825,101	2	0	2	1
Case 74	2	228,838,054	228,907,927	3	0	3	1
Case 74	2	228,912,194	231,035,575	2	0	2	1
Case 74	2	231,036,425	231,083,132	3	0	3	1
Case 74	2	231,083,171	231,440,375	2	0	2	1
Case 74	2	231,440,555	231,493,060	3	0	3	1
Case 74	2	231,493,293	234,960,960	2	0	2	1
Case 74	2	234,961,167	235,000,529	3	0	3	1
Case 74	2	235,001,151	235,780,667	2	0	2	1
Case 74	2	235,784,645	235,950,386	3	0	3	1
Case 74	2	235,950,461	237,585,368	2	0	2	1
Case 74	2	237,586,032	237,707,551	3	0	3	1
Case 74	2	237,708,511	243,048,760	2	0	2	1
Case 74	3	61,495	565,961	1	0	1	0
Case 74	3	580,021	678,347	2	0	2	1
Case 74	3	684,744	2,183,750	1	0	1	0
Case 74	3	2,184,749	2,198,673	2	0	2	1
Case 74	3	2,200,851	2,409,532	1	0	1	0
Case 74	3	2,411,618	2,426,255	2	0	2	1
Case 74	3	2,426,632	3,079,127	1	0	1	0
Case 74	3	3,080,200	3,133,989	2	0	2	1
Case 74	3	3,137,053	3,236,900	1	0	1	0
Case 74	3	3,238,654	3,434,942	2	0	2	1
Case 74	3	3,441,441	3,478,365	1	0	1	0
Case 74	3	3,494,748	3,564,622	0	0	0	0
Case 74	3	3,569,967	3,585,219	1	0	1	0
Case 74	3	3,587,732	3,593,599	0	0	0	0
Case 74	3	3,599,937	3,649,300	2	0	2	1
Case 74	3	3,650,239	3,885,609	1	0	1	0
Case 74	3	3,886,665	3,888,392	2	0	2	1
Case 74	3	3,888,442	4,076,977	1	0	1	0
Case 74	3	4,078,654	4,103,926	2	0	2	1
Case 74	3	4,105,578	4,504,624	1	0	1	0
Case 74	3	4,508,871	4,615,243	2	0	2	1
Case 74	3	4,616,061	4,665,228	1	0	1	0
Case 74	3	4,665,565	4,868,927	2	0	2	1
Case 74	3	4,869,590	5,016,106	1	0	1	0
Case 74	3	5,019,936	5,184,958	2	0	2	1
Case 74	3	5,191,756	5,312,162	1	0	1	0
Case 74	3	5,312,819	5,380,959	2	0	2	1
Case 74	3	5,388,363	5,789,768	1	0	1	0
Case 74	3	5,790,183	5,799,685	2	0	2	1
Case 74	3	5,801,886	6,189,636	1	0	1	0
Case 74	3	6,197,199	6,328,081	2	0	2	1
Case 74	3	6,328,641	6,690,670	1	0	1	0
Case 74	3	6,692,421	6,795,801	2	0	2	1
Case 74	3	6,796,046	7,468,858	1	0	1	0
Case 74	3	7,474,369	7,507,463	2	0	2	1
Case 74	3	7,508,573	7,607,994	1	0	1	0
Case 74	3	7,615,142	7,641,515	2	0	2	1
Case 74	3	7,641,740	7,891,245	1	0	1	0
Case 74	3	7,891,262	7,963,677	2	0	2	1

Case 74	3	7,963,833	8,012,506	1	0	1	0
Case 74	3	8,016,833	8,141,952	2	0	2	1
Case 74	3	8,143,674	8,358,721	1	0	1	0
Case 74	3	8,359,650	8,469,784	2	0	2	1
Case 74	3	8,472,855	8,492,028	1	0	1	0
Case 74	3	8,494,223	8,808,515	2	0	2	1
Case 74	3	8,809,033	8,809,741	1	0	1	0
Case 74	3	8,810,896	9,798,499	2	0	2	1
Case 74	3	9,798,740	9,863,233	3	0	3	1
Case 74	3	9,867,484	9,871,038	2	0	2	1
Case 74	3	9,874,914	9,925,491	1	0	1	0
Case 74	3	9,926,348	9,953,248	2	0	2	1
Case 74	3	9,953,258	9,974,348	1	0	1	0
Case 74	3	9,974,774	9,986,249	2	0	2	1
Case 74	3	9,988,044	10,089,689	1	0	1	0
Case 74	3	10,094,126	10,128,825	2	0	2	1
Case 74	3	10,128,928	10,142,452	1	0	1	0
Case 74	3	10,142,949	10,146,268	2	0	2	1
Case 74	3	10,146,448	10,249,720	1	0	1	0
Case 74	3	10,249,984	10,264,432	2	0	2	1
Case 74	3	10,264,477	10,413,526	1	0	1	0
Case 74	3	10,413,601	10,594,207	2	0	2	1
Case 74	3	10,594,938	10,655,504	1	0	1	0
Case 74	3	10,656,823	10,792,193	2	0	2	1
Case 74	3	10,796,183	10,970,053	1	0	1	0
Case 74	3	10,970,207	11,211,697	2	0	2	1
Case 74	3	11,213,268	11,290,122	1	0	1	0
Case 74	3	11,292,682	11,397,417	2	0	2	1
Case 74	3	11,400,019	11,487,506	1	0	1	0
Case 74	3	11,493,926	11,633,979	2	0	2	1
Case 74	3	11,635,631	11,670,573	1	0	1	0
Case 74	3	11,671,484	11,682,129	2	0	2	1
Case 74	3	11,690,450	11,763,001	1	0	1	0
Case 74	3	11,767,553	14,272,914	2	0	2	1
Case 74	3	14,275,457	14,528,004	3	0	3	1
Case 74	3	14,528,028	16,151,388	2	0	2	1
Case 74	3	16,156,855	16,169,676	3	0	3	1
Case 74	3	16,169,710	19,040,447	2	0	2	1
Case 74	3	19,041,089	32,904,417	3	0	3	1
Case 74	3	32,908,632	33,467,112	4	0	4	1
Case 74	3	33,467,159	37,396,678	3	0	3	1
Case 74	3	37,403,413	37,665,385	4	0	4	1
Case 74	3	37,670,678	44,283,844	3	0	3	1
Case 74	3	44,284,584	59,696,535	2	0	2	1
Case 74	3	59,697,151	59,768,262	3	0	3	1
Case 74	3	59,768,349	60,388,743	2	0	2	1
Case 74	3	60,390,846	60,390,846	1	0	1	0
Case 74	3	60,396,850	60,447,369	0	0	0	0
Case 74	3	60,448,261	60,461,994	1	0	1	0
Case 74	3	60,464,275	60,464,275	0	0	0	0
Case 74	3	60,465,279	60,808,825	2	0	2	1
Case 74	3	60,808,879	60,892,741	3	0	3	1
Case 74	3	60,895,579	61,098,641	2	0	2	1
Case 74	3	61,101,006	61,788,620	3	0	3	1
Case 74	3	61,789,749	64,505,542	2	0	2	1
Case 74	3	64,507,857	64,629,698	3	0	3	1
Case 74	3	64,632,256	65,313,459	2	0	2	1
Case 74	3	65,315,323	65,347,423	3	0	3	1
Case 74	3	65,358,578	71,957,406	2	0	2	1
Case 74	3	71,959,310	72,109,408	3	0	3	1
Case 74	3	72,110,578	72,568,038	2	0	2	1

Case 74	3	72,568,369	72,648,980	3	0	3	1
Case 74	3	72,649,326	77,309,810	2	0	2	1
Case 74	3	77,317,940	77,365,899	1	0	1	0
Case 74	3	77,369,911	84,056,075	2	0	2	1
Case 74	3	84,063,290	84,747,008	3	0	3	1
Case 74	3	84,767,271	86,511,758	2	0	2	1
Case 74	3	86,526,422	86,749,427	2	1	3	0
Case 74	3	86,752,414	87,842,202	2	2	4	0
Case 74	3	87,854,277	90,442,925	2	1	3	0
Case 74	3	93,537,290	95,441,803	2	1	3	0
Case 74	3	95,455,361	98,385,816	3	1	4	0
Case 74	3	98,386,666	99,602,555	2	1	3	0
Case 74	3	99,614,626	99,649,840	2	0	2	1
Case 74	3	99,649,860	109,265,353	2	1	3	0
Case 74	3	109,270,100	109,873,808	3	1	4	0
Case 74	3	109,877,966	110,146,216	4	1	5	0
Case 74	3	110,148,936	111,189,285	3	1	4	0
Case 74	3	111,193,516	111,898,502	2	1	3	0
Case 74	3	111,899,409	112,516,328	3	1	4	0
Case 74	3	112,519,276	113,769,097	2	1	3	0
Case 74	3	113,772,448	119,413,700	2	2	4	0
Case 74	3	119,413,823	119,603,162	2	1	3	0
Case 74	3	119,606,078	121,315,380	2	2	4	0
Case 74	3	121,315,813	121,412,618	2	1	3	0
Case 74	3	121,412,702	127,298,941	2	2	4	0
Case 74	3	127,304,957	127,411,436	2	1	3	0
Case 74	3	127,412,573	127,895,226	3	1	4	0
Case 74	3	127,911,077	141,647,359	2	1	3	0
Case 74	3	141,654,200	141,933,649	1	1	2	0
Case 74	3	141,937,953	145,300,490	2	1	3	0
Case 74	3	145,312,260	145,572,381	3	1	4	0
Case 74	3	145,581,255	145,921,145	2	1	3	0
Case 74	3	145,921,954	145,939,878	2	0	2	1
Case 74	3	145,948,249	156,004,954	2	1	3	0
Case 74	3	156,007,973	156,098,920	3	1	4	0
Case 74	3	156,105,173	157,289,766	2	1	3	0
Case 74	3	157,290,908	157,537,988	2	2	4	0
Case 74	3	157,538,373	160,519,718	2	1	3	0
Case 74	3	160,520,986	163,048,842	2	2	4	0
Case 74	3	163,058,603	164,267,629	2	1	3	0
Case 74	3	164,269,269	164,474,373	2	2	4	0
Case 74	3	164,515,528	164,907,679	2	1	3	0
Case 74	3	164,908,092	168,496,750	2	2	4	0
Case 74	3	168,520,843	168,698,220	3	2	5	0
Case 74	3	168,715,048	169,213,559	2	2	4	0
Case 74	3	169,216,068	169,253,993	3	2	5	0
Case 74	3	169,257,233	176,824,755	2	2	4	0
Case 74	3	176,827,927	176,990,782	3	2	5	0
Case 74	3	177,014,231	177,282,809	2	2	4	0
Case 74	3	177,286,946	177,346,796	2	1	3	0
Case 74	3	177,346,889	180,320,085	2	2	4	0
Case 74	3	180,320,132	180,334,458	2	1	3	0
Case 74	3	180,337,082	183,547,415	2	2	4	0
Case 74	3	183,551,123	183,607,661	2	1	3	0
Case 74	3	183,621,991	183,822,003	2	2	4	0
Case 74	3	183,822,145	184,121,187	2	1	3	0
Case 74	3	184,125,634	184,515,299	2	2	4	0
Case 74	3	184,517,445	184,901,819	2	1	3	0
Case 74	3	184,906,201	185,043,280	2	2	4	0
Case 74	3	185,048,314	185,232,284	2	1	3	0
Case 74	3	185,234,543	186,247,373	2	2	4	0

Case 74	3	186,252,771	186,571,010	2	1	3	0
Case 74	3	186,571,123	189,441,364	2	2	4	0
Case 74	3	189,443,562	189,514,047	3	2	5	0
Case 74	3	189,515,503	190,175,151	2	2	4	0
Case 74	3	190,176,528	190,265,429	3	2	5	0
Case 74	3	190,271,177	194,061,561	2	2	4	0
Case 74	3	194,061,578	194,154,524	2	1	3	0
Case 74	3	194,159,638	194,324,939	2	2	4	0
Case 74	3	194,325,010	194,452,392	2	1	3	0
Case 74	3	194,461,665	195,295,166	2	2	4	0
Case 74	3	195,295,782	196,322,359	2	1	3	0
Case 74	3	196,328,849	197,312,425	2	2	4	0
Case 74	3	197,321,500	197,838,262	2	1	3	0
Case 74	4	71,566	127,452	1	0	1	0
Case 74	4	134,851	11,398,882	2	0	2	1
Case 74	4	11,400,746	11,537,238	3	0	3	1
Case 74	4	11,538,001	12,258,122	2	0	2	1
Case 74	4	12,262,020	12,440,385	1	0	1	0
Case 74	4	12,454,605	12,972,256	2	0	2	1
Case 74	4	12,993,951	13,068,686	1	0	1	0
Case 74	4	13,070,446	15,728,896	2	0	2	1
Case 74	4	15,733,454	15,758,931	3	0	3	1
Case 74	4	15,767,752	16,034,999	4	0	4	1
Case 74	4	16,035,053	16,128,075	3	0	3	1
Case 74	4	16,134,120	16,518,215	2	0	2	1
Case 74	4	16,521,723	16,592,117	3	0	3	1
Case 74	4	16,594,879	16,992,028	2	0	2	1
Case 74	4	16,992,876	17,136,795	3	0	3	1
Case 74	4	17,137,284	18,274,996	2	0	2	1
Case 74	4	18,277,716	18,961,510	3	0	3	1
Case 74	4	18,968,306	21,883,570	2	0	2	1
Case 74	4	21,887,265	21,973,217	3	0	3	1
Case 74	4	21,977,669	23,770,218	2	0	2	1
Case 74	4	23,781,649	23,829,314	3	0	3	1
Case 74	4	23,832,084	24,882,927	2	0	2	1
Case 74	4	24,885,284	25,056,765	3	0	3	1
Case 74	4	25,058,232	26,456,971	2	0	2	1
Case 74	4	26,457,168	26,522,786	3	0	3	1
Case 74	4	26,527,154	33,217,636	2	0	2	1
Case 74	4	33,225,232	33,840,835	3	0	3	1
Case 74	4	33,879,862	34,159,800	2	0	2	1
Case 74	4	34,195,504	34,841,364	3	0	3	1
Case 74	4	34,846,207	37,382,184	2	0	2	1
Case 74	4	37,384,644	37,471,031	3	0	3	1
Case 74	4	37,471,169	38,689,042	2	0	2	1
Case 74	4	38,690,488	38,774,785	3	0	3	1
Case 74	4	38,774,816	40,189,325	2	0	2	1
Case 74	4	40,190,463	40,227,671	3	0	3	1
Case 74	4	40,242,433	41,613,931	2	0	2	1
Case 74	4	41,614,803	41,703,388	3	0	3	1
Case 74	4	41,707,093	49,620,898	2	0	2	1
Case 74	4	52,697,856	53,893,156	2	0	2	1
Case 74	4	53,907,444	55,073,673	4	1	5	0
Case 74	4	55,074,368	55,161,517	2	2	4	0
Case 74	4	55,162,271	57,173,735	3	2	5	0
Case 74	4	57,173,791	57,442,004	2	2	4	0
Case 74	4	57,444,413	67,904,595	3	2	5	0
Case 74	4	67,906,156	67,921,630	2	2	4	0
Case 74	4	67,925,197	68,039,482	2	0	2	1
Case 74	4	68,056,613	73,295,961	2	2	4	0
Case 74	4	73,328,204	74,351,777	4	1	5	0

Case 74	4	74,352,799	75,248,373	3	2	5	0
Case 74	4	75,248,434	76,452,302	4	2	6	0
Case 74	4	76,452,357	77,601,715	4	1	5	0
Case 74	4	77,612,903	77,619,296	2	2	4	0
Case 74	4	77,621,705	78,211,866	3	2	5	0
Case 74	4	78,216,136	78,216,136	2	2	4	0
Case 74	4	78,227,999	78,413,360	3	0	3	1
Case 74	4	78,417,537	78,970,022	2	0	2	1
Case 74	4	78,970,864	79,188,584	3	0	3	1
Case 74	4	79,198,744	82,126,173	2	0	2	1
Case 74	4	82,133,264	82,432,524	3	0	3	1
Case 74	4	82,440,730	82,962,095	2	0	2	1
Case 74	4	82,964,509	83,102,836	3	0	3	1
Case 74	4	83,112,989	85,282,675	2	0	2	1
Case 74	4	85,283,718	85,469,315	3	0	3	1
Case 74	4	85,475,077	87,749,312	2	0	2	1
Case 74	4	87,752,976	88,041,256	3	0	3	1
Case 74	4	88,046,210	88,433,880	2	0	2	1
Case 74	4	88,435,789	88,687,693	3	0	3	1
Case 74	4	88,689,765	90,124,654	2	0	2	1
Case 74	4	90,125,419	90,168,825	1	0	1	0
Case 74	4	90,168,945	90,170,094	2	0	2	1
Case 74	4	90,170,097	90,170,118	1	0	1	0
Case 74	4	90,170,129	90,171,075	2	0	2	1
Case 74	4	90,171,113	90,271,977	1	0	1	0
Case 74	4	90,272,120	90,374,397	2	0	2	1
Case 74	4	90,375,951	90,426,646	1	0	1	0
Case 74	4	90,428,054	90,432,177	2	0	2	1
Case 74	4	90,432,746	91,000,334	1	0	1	0
Case 74	4	91,025,850	92,572,499	2	1	3	0
Case 74	4	92,591,560	92,803,775	1	0	1	0
Case 74	4	92,816,815	93,118,886	0	0	0	0
Case 74	4	93,136,397	93,458,820	1	0	1	0
Case 74	4	93,467,486	136,778,939	2	1	3	0
Case 74	4	136,818,726	136,958,364	2	2	4	0
Case 74	4	136,978,022	136,978,022	2	1	3	0
Case 74	4	136,984,338	137,088,592	1	0	1	0
Case 74	4	137,105,336	137,105,336	2	0	2	1
Case 74	4	137,115,636	140,272,383	4	1	5	0
Case 74	4	140,289,285	142,677,084	3	1	4	0
Case 74	4	142,682,770	143,488,095	4	1	5	0
Case 74	4	143,493,559	144,406,061	3	1	4	0
Case 74	4	144,412,846	148,654,651	4	1	5	0
Case 74	4	148,658,108	148,990,995	3	1	4	0
Case 74	4	148,997,402	151,918,331	4	1	5	0
Case 74	4	151,935,601	153,069,783	3	1	4	0
Case 74	4	153,075,234	154,066,319	4	1	5	0
Case 74	4	154,075,881	154,371,262	1	0	1	0
Case 74	4	154,373,196	154,465,994	2	0	2	1
Case 74	4	154,466,939	154,632,838	1	0	1	0
Case 74	4	154,633,708	154,827,974	2	0	2	1
Case 74	4	154,828,366	155,154,936	1	0	1	0
Case 74	4	155,155,797	155,158,284	2	0	2	1
Case 74	4	155,160,429	155,209,141	1	0	1	0
Case 74	4	155,216,371	155,241,740	2	0	2	1
Case 74	4	155,242,011	155,249,362	1	0	1	0
Case 74	4	155,250,701	155,256,205	2	0	2	1
Case 74	4	155,256,251	155,410,650	1	0	1	0
Case 74	4	155,410,667	155,414,923	2	0	2	1
Case 74	4	155,420,487	155,545,072	1	0	1	0
Case 74	4	155,548,453	155,665,881	2	0	2	1



Case 74	4	155,668,710	156,135,350	1	0	1	0
Case 74	4	156,135,605	156,159,411	2	0	2	1
Case 74	4	156,162,049	157,825,397	1	0	1	0
Case 74	4	157,836,610	157,886,145	2	0	2	1
Case 74	4	157,891,943	159,634,297	1	0	1	0
Case 74	4	159,635,244	159,804,265	2	0	2	1
Case 74	4	159,812,658	160,274,698	1	0	1	0
Case 74	4	160,274,740	160,374,255	2	0	2	1
Case 74	4	160,377,484	161,778,204	1	0	1	0
Case 74	4	161,783,422	161,783,422	3	1	4	0
Case 74	4	161,785,031	162,281,985	4	1	5	0
Case 74	4	162,284,626	166,588,960	3	1	4	0
Case 74	4	166,591,321	166,827,464	4	1	5	0
Case 74	4	166,830,580	168,166,789	3	1	4	0
Case 74	4	168,169,259	168,545,366	4	1	5	0
Case 74	4	168,545,610	174,731,952	3	1	4	0
Case 74	4	174,741,938	175,122,454	4	1	5	0
Case 74	4	175,125,617	177,123,850	3	1	4	0
Case 74	4	177,126,245	177,256,699	4	1	5	0
Case 74	4	177,259,635	180,257,370	3	1	4	0
Case 74	4	180,263,649	186,357,523	2	1	3	0
Case 74	4	186,365,998	186,507,409	4	1	5	0
Case 74	4	186,508,808	186,583,323	3	1	4	0
Case 74	4	186,583,330	187,084,023	4	1	5	0
Case 74	4	187,084,086	187,207,381	3	1	4	0
Case 74	4	187,207,613	187,445,552	4	1	5	0
Case 74	4	187,449,434	187,668,886	3	1	4	0
Case 74	4	187,672,156	188,223,037	4	1	5	0
Case 74	4	188,223,165	188,597,930	3	1	4	0
Case 74	4	188,608,123	188,894,402	4	1	5	0
Case 74	4	188,898,937	189,070,726	3	1	4	0
Case 74	4	189,081,654	190,552,585	4	1	5	0
Case 74	4	190,641,170	190,963,766	2	2	4	0
Case 74	5	38,139	18,272,737	2	1	3	0
Case 74	5	18,277,597	22,078,724	1	1	2	0
Case 74	5	22,081,601	22,119,976	2	1	3	0
Case 74	5	22,156,155	22,458,871	1	0	1	0
Case 74	5	22,472,039	22,472,039	2	1	3	0
Case 74	5	22,474,350	28,286,502	1	1	2	0
Case 74	5	28,292,827	28,561,546	2	1	3	0
Case 74	5	28,573,939	32,015,725	1	1	2	0
Case 74	5	32,028,324	34,871,161	2	1	3	0
Case 74	5	34,878,150	38,407,060	1	1	2	0
Case 74	5	38,407,230	38,475,507	2	1	3	0
Case 74	5	38,481,335	46,399,093	1	1	2	0
Case 74	5	49,457,282	49,806,042	1	1	2	0
Case 74	5	49,807,182	49,988,020	2	1	3	0
Case 74	5	49,991,561	60,063,694	1	1	2	0
Case 74	5	60,065,519	60,065,519	2	1	3	0
Case 74	5	60,074,000	60,135,985	1	0	1	0
Case 74	5	60,147,754	60,194,107	0	0	0	0
Case 74	5	60,195,517	60,329,624	1	0	1	0
Case 74	5	60,336,004	60,356,423	2	1	3	0
Case 74	5	60,357,869	73,710,424	1	1	2	0
Case 74	5	73,712,303	73,722,209	2	1	3	0
Case 74	5	73,735,096	73,918,616	3	1	4	0
Case 74	5	73,922,463	74,026,093	2	1	3	0
Case 74	5	74,030,338	82,422,643	1	1	2	0
Case 74	5	82,436,811	82,436,811	2	1	3	0
Case 74	5	82,440,199	82,624,287	1	0	1	0
Case 74	5	82,626,919	82,633,951	2	1	3	0

Case 74	5	82,636,062	86,507,043	1	1	2	0
Case 74	5	86,518,243	89,523,637	2	1	3	0
Case 74	5	89,523,688	90,464,235	3	1	4	0
Case 74	5	90,466,296	92,496,410	2	1	3	0
Case 74	5	92,498,577	92,611,658	1	1	2	0
Case 74	5	92,617,660	103,914,523	2	1	3	0
Case 74	5	103,919,615	104,253,119	1	1	2	0
Case 74	5	104,269,333	110,782,456	2	1	3	0
Case 74	5	110,784,900	110,872,150	1	1	2	0
Case 74	5	110,874,123	118,624,190	2	1	3	0
Case 74	5	118,624,941	118,827,601	3	1	4	0
Case 74	5	118,835,058	145,139,783	2	1	3	0
Case 74	5	145,139,816	145,310,336	2	2	4	0
Case 74	5	145,313,920	145,643,048	2	1	3	0
Case 74	5	145,647,151	148,619,424	2	2	4	0
Case 74	5	148,620,240	149,006,760	2	1	3	0
Case 74	5	149,006,842	149,206,104	2	2	4	0
Case 74	5	149,208,768	149,786,496	2	1	3	0
Case 74	5	149,786,499	149,998,248	2	2	4	0
Case 74	5	150,000,145	150,167,118	2	1	3	0
Case 74	5	150,170,609	150,557,223	2	2	4	0
Case 74	5	150,557,431	150,731,552	2	1	3	0
Case 74	5	150,734,518	150,845,369	2	2	4	0
Case 74	5	150,846,761	150,948,016	2	1	3	0
Case 74	5	150,948,224	154,091,904	2	2	4	0
Case 74	5	154,092,202	154,396,838	2	1	3	0
Case 74	5	154,403,211	156,479,204	2	2	4	0
Case 74	5	156,479,402	156,608,913	2	1	3	0
Case 74	5	156,609,000	159,776,311	2	2	4	0
Case 74	5	159,776,507	160,173,130	2	1	3	0
Case 74	5	160,173,283	162,866,548	2	2	4	0
Case 74	5	162,867,195	162,989,613	2	1	3	0
Case 74	5	162,989,974	164,695,671	2	2	4	0
Case 74	5	164,696,018	164,799,990	2	1	3	0
Case 74	5	164,800,668	167,618,804	2	2	4	0
Case 74	5	167,618,989	167,798,135	2	1	3	0
Case 74	5	167,798,585	167,842,039	2	2	4	0
Case 74	5	167,844,236	168,123,345	2	1	3	0
Case 74	5	168,123,398	168,990,341	2	2	4	0
Case 74	5	169,004,471	169,031,218	2	1	3	0
Case 74	5	169,062,922	169,632,261	2	2	4	0
Case 74	5	169,632,349	169,743,246	2	1	3	0
Case 74	5	169,743,561	170,232,777	2	2	4	0
Case 74	5	170,233,262	170,726,798	2	1	3	0
Case 74	5	170,732,406	170,983,223	2	2	4	0
Case 74	5	170,992,935	171,547,550	2	1	3	0
Case 74	5	171,552,219	171,626,110	2	2	4	0
Case 74	5	171,627,391	171,867,995	2	1	3	0
Case 74	5	171,876,084	172,382,902	2	2	4	0
Case 74	5	172,385,569	172,590,824	2	1	3	0
Case 74	5	172,591,337	172,693,710	2	2	4	0
Case 74	5	172,699,491	173,138,928	2	1	3	0
Case 74	5	173,141,093	175,030,363	2	2	4	0
Case 74	5	175,031,628	175,174,842	2	1	3	0
Case 74	5	175,176,876	175,275,598	2	2	4	0
Case 74	5	175,279,492	176,133,254	2	1	3	0
Case 74	5	176,133,680	176,212,290	2	2	4	0
Case 74	5	176,212,812	177,679,555	2	1	3	0
Case 74	5	177,679,654	177,852,582	2	2	4	0
Case 74	5	177,854,235	178,089,232	2	1	3	0
Case 74	5	178,090,194	178,303,868	2	2	4	0

Case 74	5	178,309,848	178,713,712	2	1	3	0
Case 74	5	178,716,389	179,131,143	2	2	4	0
Case 74	5	179,135,353	179,604,217	2	1	3	0
Case 74	5	179,607,388	179,899,660	2	2	4	0
Case 74	5	179,903,288	180,485,353	2	1	3	0
Case 74	5	180,485,720	180,582,003	2	2	4	0
Case 74	5	180,582,043	180,693,127	2	1	3	0
Case 74	6	108,666	29,540,204	2	1	3	0
Case 74	6	29,540,745	30,004,052	3	0	3	1
Case 74	6	30,004,849	41,469,071	2	1	3	0
Case 74	6	41,474,727	41,731,177	2	2	4	0
Case 74	6	41,735,468	41,908,122	2	1	3	0
Case 74	6	41,910,064	42,068,171	2	2	4	0
Case 74	6	42,068,975	42,237,177	2	1	3	0
Case 74	6	42,240,369	42,992,825	2	2	4	0
Case 74	6	42,993,027	43,030,755	2	1	3	0
Case 74	6	43,030,791	43,144,618	2	2	4	0
Case 74	6	43,146,387	43,188,940	2	1	3	0
Case 74	6	43,189,433	43,304,912	2	2	4	0
Case 74	6	43,305,008	43,682,990	2	1	3	0
Case 74	6	43,683,804	44,032,331	2	2	4	0
Case 74	6	44,034,691	44,134,540	2	1	3	0
Case 74	6	44,134,864	44,211,867	2	2	4	0
Case 74	6	44,214,417	44,272,485	2	1	3	0
Case 74	6	44,272,513	45,011,305	2	2	4	0
Case 74	6	45,038,760	56,150,940	2	1	3	0
Case 74	6	56,152,943	56,234,843	1	1	2	0
Case 74	6	56,235,411	58,752,089	2	1	3	0
Case 74	6	61,891,118	78,965,525	2	1	3	0
Case 74	6	78,972,930	79,029,367	1	0	1	0
Case 74	6	79,039,234	84,117,512	2	1	3	0
Case 74	6	84,119,361	84,387,250	3	1	4	0
Case 74	6	84,393,942	96,621,271	2	1	3	0
Case 74	6	96,622,433	96,850,379	3	1	4	0
Case 74	6	96,853,579	125,550,313	2	1	3	0
Case 74	6	125,550,328	125,585,976	2	2	4	0
Case 74	6	125,587,961	126,202,315	2	1	3	0
Case 74	6	126,209,245	126,307,962	2	2	4	0
Case 74	6	126,317,137	170,980,171	2	1	3	0
Case 74	7	44,935	203,326	2	2	4	0
Case 74	7	212,512	1,548,225	2	1	3	0
Case 74	7	1,551,716	1,583,288	2	2	4	0
Case 74	7	1,586,617	2,483,135	2	1	3	0
Case 74	7	2,486,004	2,557,266	2	2	4	0
Case 74	7	2,560,777	2,962,914	2	1	3	0
Case 74	7	2,962,933	3,839,029	2	2	4	0
Case 74	7	3,848,455	4,277,374	2	1	3	0
Case 74	7	4,279,500	4,665,570	2	2	4	0
Case 74	7	4,667,201	4,877,012	2	1	3	0
Case 74	7	4,880,954	4,947,191	2	2	4	0
Case 74	7	4,955,626	6,196,411	2	1	3	0
Case 74	7	6,196,414	6,370,025	2	2	4	0
Case 74	7	6,370,167	6,517,440	2	1	3	0
Case 74	7	6,520,676	41,615,988	2	2	4	0
Case 74	7	41,617,294	42,228,900	2	1	3	0
Case 74	7	42,229,946	44,444,119	2	2	4	0
Case 74	7	44,444,122	44,874,113	3	1	4	0
Case 74	7	44,914,229	44,925,896	3	2	5	0
Case 74	7	44,932,538	46,074,194	2	2	4	0
Case 74	7	46,076,308	47,015,402	3	2	5	0
Case 74	7	47,020,795	49,378,273	2	2	4	0

Case 74	7	49,403,143	49,792,290	3	2	5	0
Case 74	7	49,799,927	51,728,439	2	2	4	0
Case 74	7	51,730,710	52,722,258	3	2	5	0
Case 74	7	52,722,432	52,995,901	2	2	4	0
Case 74	7	52,996,013	53,103,729	3	2	5	0
Case 74	7	53,103,766	54,254,685	2	2	4	0
Case 74	7	54,265,587	54,600,112	3	2	5	0
Case 74	7	54,610,293	58,019,061	2	2	4	0
Case 74	7	61,056,053	61,138,655	2	2	4	0
Case 74	7	61,747,794	62,510,311	3	2	5	0
Case 74	7	62,517,629	62,577,770	2	2	4	0
Case 74	7	62,627,173	63,847,894	3	0	3	1
Case 74	7	63,852,980	65,225,195	2	0	2	1
Case 74	7	65,264,080	65,453,292	3	0	3	1
Case 74	7	65,466,565	67,565,499	2	0	2	1
Case 74	7	67,567,429	69,946,964	3	0	3	1
Case 74	7	69,954,583	70,271,908	4	0	4	1
Case 74	7	70,274,757	108,552,644	3	0	3	1
Case 74	7	108,586,855	108,700,623	4	0	4	1
Case 74	7	108,713,889	121,728,068	3	0	3	1
Case 74	7	121,731,889	121,787,676	1	0	1	0
Case 74	7	121,790,934	121,790,934	2	0	2	1
Case 74	7	121,797,265	133,859,327	3	0	3	1
Case 74	7	133,863,343	139,540,293	4	0	4	1
Case 74	7	139,540,467	139,675,510	3	0	3	1
Case 74	7	139,676,574	140,219,044	4	0	4	1
Case 74	7	140,221,699	140,402,722	3	0	3	1
Case 74	7	140,405,706	142,827,954	4	0	4	1
Case 74	7	142,829,211	143,017,771	3	0	3	1
Case 74	7	143,017,807	145,717,550	4	0	4	1
Case 74	7	145,719,949	145,773,791	3	0	3	1
Case 74	7	145,777,665	146,056,420	4	0	4	1
Case 74	7	146,058,754	146,222,865	3	0	3	1
Case 74	7	146,223,131	146,439,869	2	0	2	1
Case 74	7	146,451,338	146,516,749	4	0	4	1
Case 74	7	146,525,288	146,677,310	2	0	2	1
Case 74	7	146,682,211	146,687,912	1	0	1	0
Case 74	7	146,688,750	146,751,925	0	0	0	0
Case 74	7	146,759,484	147,398,856	2	0	2	1
Case 74	7	147,405,082	147,955,394	4	0	4	1
Case 74	7	147,956,916	148,069,482	3	0	3	1
Case 74	7	148,080,647	148,768,543	4	0	4	1
Case 74	7	148,768,570	148,948,124	3	0	3	1
Case 74	7	148,949,817	149,367,798	4	0	4	1
Case 74	7	149,379,276	150,177,524	3	0	3	1
Case 74	7	150,182,338	150,412,100	4	0	4	1
Case 74	7	150,412,317	151,140,431	3	0	3	1
Case 74	7	151,140,792	151,859,288	4	0	4	1
Case 74	7	151,859,420	151,970,945	3	0	3	1
Case 74	7	152,003,627	157,278,764	4	0	4	1
Case 74	7	157,279,376	159,119,486	3	0	3	1
Case 74	8	164,984	12,770,006	2	0	2	1
Case 74	8	12,772,901	12,832,636	3	0	3	1
Case 74	8	12,834,194	17,174,534	2	0	2	1
Case 74	8	17,174,912	17,244,051	3	0	3	1
Case 74	8	17,244,248	26,472,655	2	0	2	1
Case 74	8	26,473,403	26,638,910	3	0	3	1
Case 74	8	26,641,025	42,275,455	2	0	2	1
Case 74	8	42,275,517	43,674,370	4	1	5	0
Case 74	8	43,740,939	43,791,691	2	0	2	1
Case 74	8	46,886,735	47,060,602	2	2	4	0

Case 74	8	47,060,977	48,124,855	3	2	5	0
Case 74	8	48,129,224	49,987,801	2	2	4	0
Case 74	8	49,988,587	50,290,167	3	2	5	0
Case 74	8	50,294,735	51,465,681	2	2	4	0
Case 74	8	51,465,733	52,027,473	3	2	5	0
Case 74	8	52,028,112	52,791,790	2	2	4	0
Case 74	8	52,806,682	53,376,653	3	2	5	0
Case 74	8	53,376,852	53,902,717	2	2	4	0
Case 74	8	53,903,947	54,105,645	3	2	5	0
Case 74	8	54,108,225	56,717,568	2	2	4	0
Case 74	8	56,722,691	56,825,385	3	2	5	0
Case 74	8	56,826,016	57,654,447	2	2	4	0
Case 74	8	57,655,067	58,077,248	3	2	5	0
Case 74	8	58,084,006	59,075,434	2	2	4	0
Case 74	8	59,079,038	59,305,455	3	2	5	0
Case 74	8	59,305,833	59,784,736	2	2	4	0
Case 74	8	59,785,412	61,149,731	3	2	5	0
Case 74	8	61,150,249	61,788,144	2	2	4	0
Case 74	8	61,789,152	61,962,417	3	2	5	0
Case 74	8	61,963,699	62,625,232	2	2	4	0
Case 74	8	62,633,848	63,014,215	3	2	5	0
Case 74	8	63,014,589	63,444,070	2	2	4	0
Case 74	8	63,445,919	64,458,106	3	2	5	0
Case 74	8	64,460,952	65,720,734	2	2	4	0
Case 74	8	65,730,207	66,008,068	3	2	5	0
Case 74	8	66,008,289	68,765,406	2	2	4	0
Case 74	8	68,773,513	69,852,661	3	2	5	0
Case 74	8	69,855,507	71,069,321	2	2	4	0
Case 74	8	71,069,365	77,187,010	3	2	5	0
Case 74	8	77,187,032	78,054,417	2	2	4	0
Case 74	8	78,057,807	78,946,230	3	2	5	0
Case 74	8	78,951,278	80,535,407	2	2	4	0
Case 74	8	80,536,776	80,630,850	3	2	5	0
Case 74	8	80,633,975	80,976,814	2	2	4	0
Case 74	8	80,980,662	81,137,030	3	2	5	0
Case 74	8	81,142,630	82,251,964	2	2	4	0
Case 74	8	82,256,186	83,734,562	3	2	5	0
Case 74	8	83,738,448	85,143,057	2	2	4	0
Case 74	8	85,143,228	85,880,705	3	2	5	0
Case 74	8	85,906,059	88,472,853	2	2	4	0
Case 74	8	88,472,924	88,574,333	3	2	5	0
Case 74	8	88,578,142	89,017,568	2	2	4	0
Case 74	8	89,018,125	89,131,809	3	2	5	0
Case 74	8	89,136,754	89,327,738	2	2	4	0
Case 74	8	89,334,509	90,220,200	3	2	5	0
Case 74	8	90,228,651	90,578,495	2	2	4	0
Case 74	8	90,578,560	90,638,201	3	2	5	0
Case 74	8	90,638,305	91,002,586	2	2	4	0
Case 74	8	91,007,806	92,008,044	3	2	5	0
Case 74	8	92,016,879	92,531,216	2	2	4	0
Case 74	8	92,546,836	92,688,693	3	2	5	0
Case 74	8	92,698,851	93,593,396	2	2	4	0
Case 74	8	93,605,944	94,627,082	3	2	5	0
Case 74	8	94,633,233	96,455,453	2	2	4	0
Case 74	8	96,456,072	96,758,008	3	2	5	0
Case 74	8	96,758,878	97,122,652	2	2	4	0
Case 74	8	97,125,655	97,234,255	3	2	5	0
Case 74	8	97,244,011	100,032,844	2	2	4	0
Case 74	8	100,080,020	100,160,206	2	1	3	0
Case 74	8	100,168,015	128,172,686	3	1	4	0
Case 74	8	128,178,647	128,356,226	3	2	5	0

Case 74	8	128,364,973	128,503,999	3	1	4	0
Case 74	8	128,507,602	129,016,070	4	1	5	0
Case 74	8	129,016,347	129,681,741	3	1	4	0
Case 74	8	129,684,553	130,003,883	4	1	5	0
Case 74	8	130,004,216	130,378,681	3	1	4	0
Case 74	8	130,379,330	130,604,563	4	1	5	0
Case 74	8	130,606,310	132,005,210	3	1	4	0
Case 74	8	132,006,323	132,982,785	4	1	5	0
Case 74	8	132,982,803	137,315,433	3	1	4	0
Case 74	8	137,316,285	138,073,934	4	1	5	0
Case 74	8	138,075,823	141,260,967	3	1	4	0
Case 74	8	141,262,869	141,525,292	2	1	3	0
Case 74	8	141,525,327	142,364,163	3	1	4	0
Case 74	8	142,366,200	143,101,061	2	1	3	0
Case 74	8	143,103,398	143,302,580	3	1	4	0
Case 74	8	143,302,889	146,293,414	2	1	3	0
Case 74	9	46,587	351,793	1	0	1	0
Case 74	9	354,334	399,255	2	0	2	1
Case 74	9	404,995	448,429	1	0	1	0
Case 74	9	449,373	470,086	2	0	2	1
Case 74	9	473,379	679,901	1	0	1	0
Case 74	9	680,323	712,856	2	0	2	1
Case 74	9	713,108	724,217	1	0	1	0
Case 74	9	724,287	801,602	2	0	2	1
Case 74	9	802,801	857,511	1	0	1	0
Case 74	9	863,635	905,068	2	0	2	1
Case 74	9	907,561	988,376	1	0	1	0
Case 74	9	990,076	1,000,520	2	0	2	1
Case 74	9	1,001,309	1,024,471	1	0	1	0
Case 74	9	1,032,153	1,056,975	2	0	2	1
Case 74	9	1,057,116	1,170,227	1	0	1	0
Case 74	9	1,174,357	1,209,190	2	0	2	1
Case 74	9	1,209,265	1,303,774	1	0	1	0
Case 74	9	1,304,815	1,324,127	2	0	2	1
Case 74	9	1,324,647	1,332,257	1	0	1	0
Case 74	9	1,334,190	1,356,482	2	0	2	1
Case 74	9	1,358,025	1,393,733	1	0	1	0
Case 74	9	1,399,761	1,460,365	2	0	2	1
Case 74	9	1,460,427	1,506,101	1	0	1	0
Case 74	9	1,507,712	1,553,378	2	0	2	1
Case 74	9	1,553,462	1,674,726	1	0	1	0
Case 74	9	1,675,540	1,721,778	2	0	2	1
Case 74	9	1,722,019	1,784,090	1	0	1	0
Case 74	9	1,784,948	1,849,664	2	0	2	1
Case 74	9	1,859,272	1,900,689	1	0	1	0
Case 74	9	1,908,927	1,968,085	2	0	2	1
Case 74	9	1,969,329	2,029,454	1	0	1	0
Case 74	9	2,030,300	2,042,083	2	0	2	1
Case 74	9	2,048,361	2,115,271	1	0	1	0
Case 74	9	2,116,037	2,191,407	2	0	2	1
Case 74	9	2,193,975	2,254,498	1	0	1	0
Case 74	9	2,255,397	2,301,692	2	0	2	1
Case 74	9	2,302,693	2,380,595	1	0	1	0
Case 74	9	2,381,672	2,414,600	2	0	2	1
Case 74	9	2,419,538	2,535,695	1	0	1	0
Case 74	9	2,535,913	2,539,495	2	0	2	1
Case 74	9	2,541,567	2,593,528	1	0	1	0
Case 74	9	2,596,569	2,621,177	2	0	2	1
Case 74	9	2,622,278	2,636,492	1	0	1	0
Case 74	9	2,637,551	2,653,719	2	0	2	1
Case 74	9	2,653,914	2,655,520	1	0	1	0

Case 74	9	2,658,587	2,718,180	2	0	2	1
Case 74	9	2,718,349	2,834,101	1	0	1	0
Case 74	9	2,834,107	2,890,451	2	0	2	1
Case 74	9	2,892,642	2,978,377	1	0	1	0
Case 74	9	2,982,931	3,015,465	2	0	2	1
Case 74	9	3,022,592	3,755,135	1	0	1	0
Case 74	9	3,755,938	3,793,026	2	0	2	1
Case 74	9	3,801,316	3,828,319	1	0	1	0
Case 74	9	3,828,355	3,898,987	2	0	2	1
Case 74	9	3,900,782	3,935,560	1	0	1	0
Case 74	9	3,936,301	4,064,137	2	0	2	1
Case 74	9	4,065,171	4,089,046	1	0	1	0
Case 74	9	4,090,601	4,193,531	2	0	2	1
Case 74	9	4,194,762	4,206,671	1	0	1	0
Case 74	9	4,206,769	4,218,178	2	0	2	1
Case 74	9	4,218,631	4,307,572	1	0	1	0
Case 74	9	4,307,589	4,311,892	2	0	2	1
Case 74	9	4,314,752	4,327,048	1	0	1	0
Case 74	9	4,327,105	4,335,668	2	0	2	1
Case 74	9	4,338,987	4,556,448	1	0	1	0
Case 74	9	4,559,775	4,622,472	2	0	2	1
Case 74	9	4,625,359	4,654,195	1	0	1	0
Case 74	9	4,655,980	4,691,570	2	0	2	1
Case 74	9	4,691,765	4,712,407	1	0	1	0
Case 74	9	4,713,058	4,722,574	2	0	2	1
Case 74	9	4,725,823	4,790,165	1	0	1	0
Case 74	9	4,792,339	4,840,063	2	0	2	1
Case 74	9	4,841,290	4,861,479	1	0	1	0
Case 74	9	4,863,952	4,888,441	2	0	2	1
Case 74	9	4,895,391	5,464,065	1	0	1	0
Case 74	9	5,465,130	5,581,140	2	0	2	1
Case 74	9	5,593,419	5,872,949	1	0	1	0
Case 74	9	5,875,294	5,920,886	2	0	2	1
Case 74	9	5,920,894	6,064,103	1	0	1	0
Case 74	9	6,067,122	6,111,473	2	0	2	1
Case 74	9	6,113,103	6,176,770	1	0	1	0
Case 74	9	6,184,165	6,331,610	2	0	2	1
Case 74	9	6,342,328	6,508,149	1	0	1	0
Case 74	9	6,515,433	6,556,948	2	0	2	1
Case 74	9	6,567,841	6,604,775	1	0	1	0
Case 74	9	6,605,131	6,682,871	2	0	2	1
Case 74	9	6,684,955	7,106,795	1	0	1	0
Case 74	9	7,109,651	7,150,997	2	0	2	1
Case 74	9	7,153,009	7,173,500	1	0	1	0
Case 74	9	7,173,752	7,272,552	2	0	2	1
Case 74	9	7,273,950	7,360,902	1	0	1	0
Case 74	9	7,361,202	7,405,911	2	0	2	1
Case 74	9	7,408,763	7,466,024	1	0	1	0
Case 74	9	7,467,366	7,504,790	2	0	2	1
Case 74	9	7,505,644	7,526,908	1	0	1	0
Case 74	9	7,530,883	7,607,425	2	0	2	1
Case 74	9	7,612,143	7,707,372	1	0	1	0
Case 74	9	7,711,440	7,725,912	2	0	2	1
Case 74	9	7,726,450	8,485,885	1	0	1	0
Case 74	9	8,485,894	8,486,335	2	0	2	1
Case 74	9	8,489,006	8,515,987	1	0	1	0
Case 74	9	8,517,383	8,522,326	2	0	2	1
Case 74	9	8,524,448	8,996,113	1	0	1	0
Case 74	9	8,996,408	9,001,239	2	0	2	1
Case 74	9	9,001,538	12,815,091	1	0	1	0
Case 74	9	12,816,521	12,821,754	2	0	2	1

Case 74	9	12,822,458	13,741,905	1	0	1	0
Case 74	9	13,743,830	13,790,202	2	0	2	1
Case 74	9	13,791,531	14,312,724	1	0	1	0
Case 74	9	14,313,712	14,378,712	2	0	2	1
Case 74	9	14,378,776	14,769,803	1	0	1	0
Case 74	9	14,770,658	14,776,178	2	0	2	1
Case 74	9	14,782,497	14,804,141	1	0	1	0
Case 74	9	14,804,733	14,878,376	2	0	2	1
Case 74	9	14,880,667	15,259,432	1	0	1	0
Case 74	9	15,264,197	15,301,428	2	0	2	1
Case 74	9	15,304,782	15,385,568	1	0	1	0
Case 74	9	15,386,433	15,444,648	2	0	2	1
Case 74	9	15,447,191	16,028,693	1	0	1	0
Case 74	9	16,033,109	16,292,669	2	0	2	1
Case 74	9	16,296,851	16,324,261	1	0	1	0
Case 74	9	16,324,374	16,437,276	2	0	2	1
Case 74	9	16,446,091	16,789,024	1	0	1	0
Case 74	9	16,789,081	16,795,286	2	0	2	1
Case 74	9	16,795,790	17,117,875	1	0	1	0
Case 74	9	17,118,007	17,147,361	2	0	2	1
Case 74	9	17,147,702	17,462,978	1	0	1	0
Case 74	9	17,462,985	17,464,622	0	0	0	0
Case 74	9	17,466,468	17,622,897	1	0	1	0
Case 74	9	17,624,902	17,633,232	2	0	2	1
Case 74	9	17,634,332	17,793,435	1	0	1	0
Case 74	9	17,793,463	17,833,057	2	0	2	1
Case 74	9	17,836,749	17,976,625	1	0	1	0
Case 74	9	17,987,408	18,013,733	2	0	2	1
Case 74	9	18,016,234	18,349,993	1	0	1	0
Case 74	9	18,358,128	18,374,849	2	0	2	1
Case 74	9	18,375,279	18,393,875	1	0	1	0
Case 74	9	18,395,376	18,438,196	2	0	2	1
Case 74	9	18,442,710	18,602,403	1	0	1	0
Case 74	9	18,606,825	19,746,160	2	0	2	1
Case 74	9	19,751,159	19,801,918	3	0	3	1
Case 74	9	19,803,724	20,046,681	2	0	2	1
Case 74	9	20,048,229	20,354,575	3	0	3	1
Case 74	9	20,354,796	27,176,886	2	0	2	1
Case 74	9	27,179,075	27,213,772	3	0	3	1
Case 74	9	27,214,719	27,912,332	2	0	2	1
Case 74	9	27,914,251	27,974,577	3	0	3	1
Case 74	9	27,974,789	31,136,986	2	0	2	1
Case 74	9	31,146,393	33,886,905	4	0	4	1
Case 74	9	33,888,000	34,506,756	3	0	3	1
Case 74	9	34,509,746	34,647,200	4	0	4	1
Case 74	9	34,647,214	34,768,441	3	0	3	1
Case 74	9	34,768,693	35,608,501	4	0	4	1
Case 74	9	35,608,975	35,810,978	3	0	3	1
Case 74	9	35,810,991	36,815,627	4	0	4	1
Case 74	9	36,816,714	46,944,322	3	0	3	1
Case 74	9	65,629,772	78,430,918	3	0	3	1
Case 74	9	78,438,434	78,548,556	4	0	4	1
Case 74	9	78,551,222	112,630,762	3	0	3	1
Case 74	9	112,632,327	116,789,690	4	0	4	1
Case 74	9	116,790,352	116,931,562	3	0	3	1
Case 74	9	116,931,664	117,086,356	4	0	4	1
Case 74	9	117,086,367	117,200,140	3	0	3	1
Case 74	9	117,205,332	124,630,333	4	0	4	1
Case 74	9	124,640,841	124,980,026	3	0	3	1
Case 74	9	124,984,125	125,273,361	4	0	4	1
Case 74	9	125,273,419	125,289,523	3	0	3	1



Case 74	9	125,289,554	130,053,105	4	0	4	1
Case 74	9	130,055,785	132,417,991	3	0	3	1
Case 74	9	132,425,233	132,515,081	4	0	4	1
Case 74	9	132,515,247	132,940,007	3	0	3	1
Case 74	9	132,943,043	133,328,969	4	0	4	1
Case 74	9	133,331,226	134,402,338	3	0	3	1
Case 74	9	134,404,557	135,374,091	4	0	4	1
Case 74	9	135,374,154	135,995,166	3	0	3	1
Case 74	9	136,000,445	136,131,002	4	0	4	1
Case 74	9	136,131,069	137,859,032	3	0	3	1
Case 74	9	137,864,163	138,006,947	4	0	4	1
Case 74	9	138,008,243	140,146,315	3	0	3	1
Case 74	9	140,146,525	141,066,491	4	0	4	1
Case 74	10	98,087	462,628	2	1	3	0
Case 74	10	462,885	1,170,220	2	2	4	0
Case 74	10	1,171,734	1,263,039	2	1	3	0
Case 74	10	1,274,538	2,981,486	2	2	4	0
Case 74	10	2,982,125	3,076,294	2	1	3	0
Case 74	10	3,077,299	5,782,310	2	2	4	0
Case 74	10	5,784,151	5,791,298	2	1	3	0
Case 74	10	5,791,299	7,602,831	2	2	4	0
Case 74	10	7,603,104	7,622,047	2	1	3	0
Case 74	10	7,622,904	37,383,596	2	2	4	0
Case 74	10	37,384,046	37,506,732	3	0	3	1
Case 74	10	37,508,038	38,207,759	4	0	4	1
Case 74	10	38,218,259	39,097,912	3	0	3	1
Case 74	10	42,436,301	42,778,779	3	0	3	1
Case 74	10	42,794,125	43,060,597	2	0	2	1
Case 74	10	43,066,505	43,087,295	3	0	3	1
Case 74	10	43,088,356	45,368,956	2	0	2	1
Case 74	10	45,371,418	45,444,490	3	0	3	1
Case 74	10	45,446,048	47,000,252	2	0	2	1
Case 74	10	47,049,547	47,087,522	3	0	3	1
Case 74	10	47,087,550	62,094,202	2	0	2	1
Case 74	10	62,094,752	62,200,882	3	0	3	1
Case 74	10	62,212,334	69,926,334	2	0	2	1
Case 74	10	69,926,350	69,961,675	3	0	3	1
Case 74	10	69,962,850	75,565,935	2	0	2	1
Case 74	10	75,566,072	75,705,977	3	0	3	1
Case 74	10	75,708,906	78,072,389	2	0	2	1
Case 74	10	78,078,159	91,497,195	3	0	3	1
Case 74	10	91,497,209	91,497,623	2	0	2	1
Case 74	10	91,497,631	135,477,883	3	0	3	1
Case 74	11	193,146	3,400,334	3	0	3	1
Case 74	11	3,401,191	14,571,637	4	0	4	1
Case 74	11	14,573,552	14,769,392	3	0	3	1
Case 74	11	14,769,536	28,421,841	4	0	4	1
Case 74	11	28,446,722	51,591,253	3	0	3	1
Case 74	11	54,794,237	77,584,647	3	0	3	1
Case 74	11	77,587,973	77,884,338	2	0	2	1
Case 74	11	77,884,782	80,182,109	3	0	3	1
Case 74	11	80,187,596	80,256,116	4	0	4	1
Case 74	11	80,257,728	80,584,598	3	0	3	1
Case 74	11	80,595,949	81,430,152	2	0	2	1
Case 74	11	81,441,351	82,086,661	3	0	3	1
Case 74	11	82,089,086	82,423,811	4	0	4	1
Case 74	11	82,430,245	124,502,260	3	0	3	1
Case 74	11	124,506,947	124,602,247	1	0	1	0
Case 74	11	124,605,290	124,605,290	2	0	2	1
Case 74	11	124,606,285	134,934,063	3	0	3	1
Case 74	12	191,619	12,006,412	2	1	3	0

Case 74	12	12,007,920	12,116,926	2	0	2	1
Case 74	12	12,119,414	12,165,726	2	1	3	0
Case 74	12	12,166,818	12,446,933	2	0	2	1
Case 74	12	12,449,024	34,853,011	2	1	3	0
Case 74	12	37,876,400	52,692,473	2	1	3	0
Case 74	12	52,692,815	52,726,945	2	2	4	0
Case 74	12	52,735,450	76,212,584	2	1	3	0
Case 74	12	76,216,242	76,518,531	3	1	4	0
Case 74	12	76,518,674	89,415,356	2	1	3	0
Case 74	12	89,425,822	89,555,278	2	2	4	0
Case 74	12	89,576,400	98,557,685	2	1	3	0
Case 74	12	98,558,234	99,043,435	3	1	4	0
Case 74	12	99,050,366	105,650,599	2	1	3	0
Case 74	12	105,657,527	105,788,045	3	1	4	0
Case 74	12	105,790,479	125,141,528	2	1	3	0
Case 74	12	125,141,589	125,240,557	2	2	4	0
Case 74	12	125,241,988	133,810,935	2	1	3	0
Case 74	13	19,058,717	22,141,005	5	0	5	1
Case 74	13	22,141,038	82,300,870	4	0	4	1
Case 74	13	82,301,854	82,518,710	3	0	3	1
Case 74	13	82,522,722	110,830,200	4	0	4	1
Case 74	13	110,830,258	110,862,526	3	0	3	1
Case 74	13	110,864,256	113,206,738	4	0	4	1
Case 74	13	113,208,394	115,103,529	3	0	3	1
Case 74	14	19,280,733	23,015,874	2	1	3	0
Case 74	14	23,018,808	23,022,546	2	2	4	0
Case 74	14	23,024,150	25,843,774	2	1	3	0
Case 74	14	25,857,804	29,824,131	1	1	2	0
Case 74	14	29,836,773	39,718,714	2	1	3	0
Case 74	14	39,721,010	40,051,197	1	1	2	0
Case 74	14	40,075,078	43,413,796	2	1	3	0
Case 74	14	43,429,734	43,474,406	1	0	1	0
Case 74	14	43,480,483	43,906,424	2	1	3	0
Case 74	14	43,939,771	44,010,789	1	0	1	0
Case 74	14	44,024,330	44,292,051	2	0	2	1
Case 74	14	44,293,020	65,633,561	2	1	3	0
Case 74	14	65,634,797	65,876,428	3	1	4	0
Case 74	14	65,878,256	67,040,643	2	1	3	0
Case 74	14	67,086,676	67,527,235	1	1	2	0
Case 74	14	67,554,120	68,252,852	2	1	3	0
Case 74	14	68,256,184	92,345,665	1	1	2	0
Case 74	14	92,347,680	92,403,660	2	1	3	0
Case 74	14	92,407,693	95,181,481	1	1	2	0
Case 74	14	95,185,017	95,339,855	2	1	3	0
Case 74	14	95,339,930	95,447,773	3	1	4	0
Case 74	14	95,462,477	107,287,663	2	1	3	0
Case 74	15	20,034,919	24,921,649	2	0	2	1
Case 74	15	24,921,677	24,923,107	3	0	3	1
Case 74	15	24,923,283	25,925,339	2	0	2	1
Case 74	15	25,925,449	25,957,736	3	0	3	1
Case 74	15	25,959,032	26,010,873	2	0	2	1
Case 74	15	26,012,544	26,414,375	3	0	3	1
Case 74	15	26,420,412	27,930,216	2	0	2	1
Case 74	15	27,932,902	28,022,360	3	0	3	1
Case 74	15	28,023,061	29,962,039	2	0	2	1
Case 74	15	29,964,006	30,025,358	3	0	3	1
Case 74	15	30,025,403	31,325,069	2	0	2	1
Case 74	15	31,326,789	31,394,322	3	0	3	1
Case 74	15	31,394,537	31,478,183	2	0	2	1
Case 74	15	31,479,286	31,780,695	3	0	3	1
Case 74	15	31,781,988	33,148,207	2	0	2	1

Case 74	15	33,149,087	33,540,441	3	0	3	1
Case 74	15	33,542,631	33,759,204	2	0	2	1
Case 74	15	33,760,116	33,822,969	3	0	3	1
Case 74	15	33,824,335	34,014,913	2	0	2	1
Case 74	15	34,014,942	34,356,485	3	0	3	1
Case 74	15	34,358,325	34,800,595	2	0	2	1
Case 74	15	34,871,296	34,970,673	3	0	3	1
Case 74	15	34,977,813	37,070,558	2	0	2	1
Case 74	15	37,070,821	37,184,496	3	0	3	1
Case 74	15	37,184,627	38,188,807	2	0	2	1
Case 74	15	38,190,888	38,524,264	3	0	3	1
Case 74	15	38,528,399	38,847,763	2	0	2	1
Case 74	15	38,852,099	39,113,061	3	0	3	1
Case 74	15	39,116,076	39,620,617	2	0	2	1
Case 74	15	39,622,432	39,682,798	3	0	3	1
Case 74	15	39,687,127	40,265,116	2	0	2	1
Case 74	15	40,265,503	40,300,254	3	0	3	1
Case 74	15	40,300,691	42,652,076	2	0	2	1
Case 74	15	42,652,235	42,720,322	3	0	3	1
Case 74	15	42,723,407	43,489,658	2	0	2	1
Case 74	15	43,494,043	43,571,407	3	0	3	1
Case 74	15	43,571,937	45,408,056	2	0	2	1
Case 74	15	45,408,408	45,641,225	3	0	3	1
Case 74	15	45,652,889	47,658,214	2	0	2	1
Case 74	15	47,660,902	48,392,165	3	0	3	1
Case 74	15	48,395,646	48,692,612	2	0	2	1
Case 74	15	48,694,211	49,012,013	3	0	3	1
Case 74	15	49,013,011	51,294,832	2	0	2	1
Case 74	15	51,295,934	51,659,830	3	0	3	1
Case 74	15	51,663,386	52,050,699	2	0	2	1
Case 74	15	52,053,229	52,602,736	3	0	3	1
Case 74	15	52,605,656	53,046,210	2	0	2	1
Case 74	15	53,048,463	53,187,272	3	0	3	1
Case 74	15	53,188,169	53,314,390	2	0	2	1
Case 74	15	53,316,487	53,869,866	3	0	3	1
Case 74	15	53,874,539	57,574,723	2	0	2	1
Case 74	15	57,575,916	58,121,664	3	0	3	1
Case 74	15	58,122,823	58,440,194	2	0	2	1
Case 74	15	58,442,332	58,852,463	3	0	3	1
Case 74	15	58,853,079	59,479,689	2	0	2	1
Case 74	15	59,480,141	59,712,427	3	0	3	1
Case 74	15	59,717,087	59,996,367	2	0	2	1
Case 74	15	59,997,696	60,673,690	3	0	3	1
Case 74	15	60,674,672	60,907,492	2	0	2	1
Case 74	15	60,908,307	62,140,034	3	0	3	1
Case 74	15	62,145,214	62,401,926	2	0	2	1
Case 74	15	62,402,220	62,442,269	3	0	3	1
Case 74	15	62,445,526	62,729,354	2	0	2	1
Case 74	15	62,732,330	62,908,065	3	0	3	1
Case 74	15	62,908,928	63,663,833	2	0	2	1
Case 74	15	63,665,847	76,350,112	3	0	3	1
Case 74	15	76,359,055	76,470,755	4	0	4	1
Case 74	15	76,473,376	97,369,257	3	0	3	1
Case 74	15	97,371,428	99,669,628	4	0	4	1
Case 74	15	99,669,655	99,673,019	3	0	3	1
Case 74	15	99,673,100	102,461,162	4	0	4	1
Case 74	16	88,165	11,822,066	1	1	2	0
Case 74	16	11,824,509	11,850,150	2	1	3	0
Case 74	16	11,855,330	20,099,261	1	1	2	0
Case 74	16	20,106,198	35,069,526	2	1	3	0
Case 74	16	35,097,351	35,285,582	1	1	2	0

Case 74	16	46,450,037	70,841,632	1	1	2	0
Case 74	16	70,841,656	70,934,974	2	1	3	0
Case 74	16	70,937,561	71,196,543	3	0	3	1
Case 74	16	71,206,836	71,318,577	2	0	2	1
Case 74	16	71,318,833	72,827,202	1	1	2	0
Case 74	16	72,827,541	72,832,025	2	1	3	0
Case 74	16	72,832,031	73,710,475	1	1	2	0
Case 74	16	73,713,683	73,828,357	2	1	3	0
Case 74	16	73,829,111	78,524,330	1	1	2	0
Case 74	16	78,527,004	78,527,664	2	1	3	0
Case 74	16	78,533,357	78,550,848	2	0	2	1
Case 74	16	78,551,317	78,559,880	1	0	1	0
Case 74	16	78,561,116	78,601,706	2	0	2	1
Case 74	16	78,604,831	78,670,954	1	0	1	0
Case 74	16	78,672,940	78,761,364	2	0	2	1
Case 74	16	78,769,788	78,784,233	2	1	3	0
Case 74	16	78,787,891	90,274,695	1	1	2	0
Case 74	17	11,885	2,355,517	2	0	2	1
Case 74	17	2,366,585	2,553,152	3	0	3	1
Case 74	17	2,553,836	2,840,790	2	0	2	1
Case 74	17	2,840,931	2,929,286	3	0	3	1
Case 74	17	2,931,580	9,804,323	2	0	2	1
Case 74	17	9,804,347	9,820,739	3	0	3	1
Case 74	17	9,821,376	10,625,803	2	0	2	1
Case 74	17	10,628,364	10,799,013	3	0	3	1
Case 74	17	10,801,964	11,115,887	2	0	2	1
Case 74	17	11,119,194	11,184,066	3	0	3	1
Case 74	17	11,185,157	12,235,539	2	0	2	1
Case 74	17	12,241,355	12,324,131	3	0	3	1
Case 74	17	12,325,496	12,519,871	2	0	2	1
Case 74	17	12,532,151	12,777,402	3	0	3	1
Case 74	17	12,783,663	13,625,164	2	0	2	1
Case 74	17	13,625,355	13,651,661	3	0	3	1
Case 74	17	13,652,033	15,131,120	2	0	2	1
Case 74	17	15,131,345	15,215,749	3	0	3	1
Case 74	17	15,215,790	22,242,355	2	0	2	1
Case 74	17	25,268,142	25,268,142	2	0	2	1
Case 74	17	25,295,032	26,685,983	3	1	4	0
Case 74	17	26,686,356	26,725,265	2	1	3	0
Case 74	17	26,725,744	26,883,895	2	2	4	0
Case 74	17	26,883,943	28,419,090	2	1	3	0
Case 74	17	28,430,303	33,279,649	3	1	4	0
Case 74	17	33,283,680	33,456,679	2	1	3	0
Case 74	17	33,457,380	34,445,325	3	1	4	0
Case 74	17	34,445,397	34,980,351	2	1	3	0
Case 74	17	34,981,606	36,307,189	3	1	4	0
Case 74	17	36,450,598	36,740,608	2	1	3	0
Case 74	17	36,743,015	37,243,943	2	2	4	0
Case 74	17	37,244,233	38,217,955	2	1	3	0
Case 74	17	38,218,804	38,489,170	2	2	4	0
Case 74	17	38,498,975	38,859,830	2	1	3	0
Case 74	17	38,861,655	39,474,746	2	2	4	0
Case 74	17	39,492,183	39,593,678	2	1	3	0
Case 74	17	39,593,722	39,635,213	2	2	4	0
Case 74	17	39,635,214	40,734,236	2	1	3	0
Case 74	17	40,734,695	40,939,907	2	2	4	0
Case 74	17	40,940,169	41,428,061	2	1	3	0
Case 74	17	41,433,660	41,803,893	2	2	4	0
Case 74	17	41,805,259	42,513,449	2	1	3	0
Case 74	17	42,521,824	43,213,528	2	2	4	0
Case 74	17	43,213,772	43,482,468	2	1	3	0

Case 74	17	43,483,774	45,232,055	2	2	4	0
Case 74	17	45,232,068	45,278,790	2	1	3	0
Case 74	17	45,281,257	46,871,642	2	2	4	0
Case 74	17	46,872,346	47,036,073	2	1	3	0
Case 74	17	47,038,257	48,141,461	2	2	4	0
Case 74	17	48,145,094	48,746,681	2	1	3	0
Case 74	17	48,746,823	55,158,811	2	2	4	0
Case 74	17	55,161,161	55,189,972	2	1	3	0
Case 74	17	55,190,509	55,346,970	2	2	4	0
Case 74	17	55,351,266	55,495,136	2	1	3	0
Case 74	17	55,495,293	55,901,017	2	2	4	0
Case 74	17	55,901,677	56,388,021	2	1	3	0
Case 74	17	56,388,102	61,683,718	2	2	4	0
Case 74	17	61,684,557	62,377,812	2	1	3	0
Case 74	17	62,380,287	62,476,451	2	2	4	0
Case 74	17	62,479,069	63,226,943	2	1	3	0
Case 74	17	63,227,804	65,874,187	2	2	4	0
Case 74	17	65,882,373	66,154,676	2	1	3	0
Case 74	17	66,163,231	71,163,788	2	2	4	0
Case 74	17	71,164,081	71,228,767	2	1	3	0
Case 74	17	71,230,318	71,689,995	2	2	4	0
Case 74	17	71,695,322	71,822,155	2	1	3	0
Case 74	17	71,825,523	72,216,777	2	2	4	0
Case 74	17	72,222,024	72,588,900	2	1	3	0
Case 74	17	72,589,264	72,709,744	2	2	4	0
Case 74	17	72,710,796	74,774,825	2	1	3	0
Case 74	17	74,779,369	75,889,612	2	2	4	0
Case 74	17	75,896,182	76,157,199	2	1	3	0
Case 74	17	76,157,266	76,404,655	2	2	4	0
Case 74	17	76,410,977	76,571,560	2	1	3	0
Case 74	17	76,571,579	76,656,357	2	2	4	0
Case 74	17	76,657,198	77,350,553	2	1	3	0
Case 74	17	77,355,148	77,674,058	2	2	4	0
Case 74	17	77,686,881	77,815,296	2	1	3	0
Case 74	17	77,821,891	77,914,561	2	2	4	0
Case 74	17	77,914,743	78,406,036	2	1	3	0
Case 74	17	78,407,991	78,446,932	2	2	4	0
Case 74	17	78,447,050	81,060,040	2	1	3	0
Case 74	18	87,505	1,200,631	3	1	4	0
Case 74	18	1,202,623	1,681,354	4	1	5	0
Case 74	18	1,683,704	1,738,361	3	1	4	0
Case 74	18	1,741,653	8,778,916	4	0	4	1
Case 74	18	8,781,129	8,784,723	3	0	3	1
Case 74	18	8,784,791	12,926,924	4	0	4	1
Case 74	18	12,927,114	13,114,441	3	0	3	1
Case 74	18	13,116,432	13,279,646	4	0	4	1
Case 74	18	13,281,865	13,815,680	3	0	3	1
Case 74	18	13,819,673	14,942,150	4	0	4	1
Case 74	18	14,949,001	15,102,421	3	0	3	1
Case 74	18	15,249,516	15,375,878	3	1	4	0
Case 74	18	18,520,354	19,437,171	3	1	4	0
Case 74	18	19,444,613	19,993,920	4	1	5	0
Case 74	18	19,994,344	22,808,077	3	1	4	0
Case 74	18	22,812,508	23,404,581	4	1	5	0
Case 74	18	23,405,782	23,501,282	3	1	4	0
Case 74	18	23,504,011	23,794,220	4	1	5	0
Case 74	18	23,798,169	24,627,226	3	1	4	0
Case 74	18	24,627,676	27,227,209	4	1	5	0
Case 74	18	27,229,214	27,506,375	3	1	4	0
Case 74	18	27,506,384	28,570,779	4	1	5	0
Case 74	18	28,571,063	29,930,576	3	1	4	0

Case 74	18	29,951,538	30,069,667	4	1	5	0
Case 74	18	30,073,995	30,755,662	3	1	4	0
Case 74	18	30,760,966	31,321,994	3	3	6	0
Case 74	18	31,322,936	31,326,415	3	1	4	0
Case 74	18	31,327,296	34,909,342	3	3	6	0
Case 74	18	34,914,746	35,950,805	3	1	4	0
Case 74	18	35,954,028	37,578,246	4	1	5	0
Case 74	18	37,586,416	37,782,357	3	1	4	0
Case 74	18	37,789,034	39,791,501	3	3	6	0
Case 74	18	39,796,448	39,796,448	3	1	4	0
Case 74	18	39,796,976	42,231,196	3	2	5	0
Case 74	18	42,240,410	42,456,653	2	2	4	0
Case 74	18	42,458,434	44,015,319	3	1	4	0
Case 74	18	44,015,643	46,041,755	4	0	4	1
Case 74	18	46,044,052	46,490,181	3	0	3	1
Case 74	18	46,499,079	62,652,214	4	0	4	1
Case 74	18	62,676,117	71,494,718	2	0	2	1
Case 74	18	71,496,928	71,568,010	3	0	3	1
Case 74	18	71,568,861	72,734,429	2	0	2	1
Case 74	18	72,738,855	72,841,513	3	0	3	1
Case 74	18	72,845,315	72,945,714	2	0	2	1
Case 74	18	72,946,298	73,003,038	3	0	3	1
Case 74	18	73,003,490	78,015,180	2	0	2	1
Case 74	19	260,912	13,135,981	2	0	2	1
Case 74	19	13,153,035	20,430,665	3	0	3	1
Case 74	19	20,435,660	20,500,515	2	0	2	1
Case 74	19	20,626,179	20,626,179	1	0	1	0
Case 74	19	20,630,360	20,715,228	0	0	0	0
Case 74	19	20,726,622	23,814,365	2	0	2	1
Case 74	19	23,829,737	23,930,879	1	0	1	0
Case 74	19	23,937,693	24,629,285	2	0	2	1
Case 74	19	27,732,159	27,763,440	2	0	2	1
Case 74	19	27,801,814	28,443,974	4	1	5	0
Case 74	19	28,444,957	28,817,506	3	1	4	0
Case 74	19	28,818,232	29,326,179	4	1	5	0
Case 74	19	29,327,736	29,420,446	2	2	4	0
Case 74	19	29,436,748	30,496,597	5	1	6	0
Case 74	19	30,497,886	30,497,886	2	1	3	0
Case 74	19	30,498,452	30,726,034	4	1	5	0
Case 74	19	30,730,695	30,747,112	2	2	4	0
Case 74	19	30,753,815	41,341,589	2	1	3	0
Case 74	19	41,350,895	41,362,173	1	0	1	0
Case 74	19	41,363,301	41,379,148	0	0	0	0
Case 74	19	41,382,476	41,382,476	2	0	2	1
Case 74	19	41,383,115	42,202,285	2	1	3	0
Case 74	19	42,206,950	42,377,133	2	2	4	0
Case 74	19	42,381,387	43,328,006	2	1	3	0
Case 74	19	43,344,686	43,439,793	1	0	1	0
Case 74	19	43,441,194	43,519,304	0	0	0	0
Case 74	19	43,519,442	43,519,442	1	0	1	0
Case 74	19	43,523,068	43,539,189	2	0	2	1
Case 74	19	43,556,843	49,104,308	2	1	3	0
Case 74	19	49,104,466	49,812,355	1	1	2	0
Case 74	19	49,812,403	59,097,160	2	1	3	0
Case 74	20	63,244	6,799,849	3	1	4	0
Case 74	20	6,809,340	8,573,437	4	1	5	0
Case 74	20	8,575,333	10,282,027	3	1	4	0
Case 74	20	10,283,950	10,383,981	4	1	5	0
Case 74	20	10,384,819	11,092,044	3	1	4	0
Case 74	20	11,092,242	11,320,829	4	1	5	0
Case 74	20	11,333,305	13,520,928	3	1	4	0

Case 74	20	13,526,577	13,846,136	3	3	6	0
Case 74	20	13,846,148	13,846,148	3	1	4	0
Case 74	20	13,850,169	14,054,163	4	1	5	0
Case 74	20	14,055,947	15,245,592	3	1	4	0
Case 74	20	15,246,472	15,873,776	4	1	5	0
Case 74	20	15,874,325	20,616,052	3	1	4	0
Case 74	20	20,619,263	20,823,149	4	1	5	0
Case 74	20	20,823,718	26,293,985	3	1	4	0
Case 74	20	29,425,357	38,160,374	3	1	4	0
Case 74	20	38,161,430	39,623,283	4	1	5	0
Case 74	20	39,634,488	40,359,654	3	1	4	0
Case 74	20	40,360,853	40,706,494	4	1	5	0
Case 74	20	40,707,709	45,461,021	3	1	4	0
Case 74	20	45,470,048	45,558,037	4	1	5	0
Case 74	20	45,558,178	50,652,937	3	1	4	0
Case 74	20	50,654,400	50,701,061	4	1	5	0
Case 74	20	50,701,128	51,197,000	3	1	4	0
Case 74	20	51,199,343	51,551,395	4	1	5	0
Case 74	20	51,552,422	53,270,624	3	1	4	0
Case 74	20	53,283,735	54,484,014	4	1	5	0
Case 74	20	54,489,899	60,699,715	3	1	4	0
Case 74	20	60,704,910	60,793,712	2	1	3	0
Case 74	20	60,797,558	61,512,691	3	1	4	0
Case 74	20	61,512,908	61,578,610	2	1	3	0
Case 74	20	61,582,757	62,190,345	3	1	4	0
Case 74	20	62,190,628	62,193,253	2	1	3	0
Case 74	20	62,193,445	62,948,788	3	1	4	0
Case 74	21	10,827,533	10,942,992	1	1	2	0
Case 74	21	10,970,025	10,971,337	2	1	3	0
Case 74	21	14,368,320	17,877,318	2	1	3	0
Case 74	21	17,877,794	19,526,240	3	1	4	0
Case 74	21	19,526,572	20,020,025	4	1	5	0
Case 74	21	20,028,118	23,294,509	3	1	4	0
Case 74	21	23,295,949	27,178,550	2	1	3	0
Case 74	21	27,194,869	27,225,043	1	0	1	0
Case 74	21	27,242,396	39,615,764	2	1	3	0
Case 74	21	39,626,421	42,731,511	2	2	4	0
Case 74	21	42,734,987	42,817,582	2	1	3	0
Case 74	21	42,817,612	43,499,442	2	2	4	0
Case 74	21	43,501,351	43,531,494	2	1	3	0
Case 74	21	43,531,553	43,645,809	2	2	4	0
Case 74	21	43,646,024	43,767,723	2	1	3	0
Case 74	21	43,768,324	43,806,193	2	2	4	0
Case 74	21	43,808,004	44,007,516	2	1	3	0
Case 74	21	44,022,258	44,323,814	2	2	4	0
Case 74	21	44,323,948	44,716,050	2	1	3	0
Case 74	21	44,717,036	45,149,133	2	2	4	0
Case 74	21	45,151,874	45,595,060	2	1	3	0
Case 74	21	45,595,124	45,649,954	2	2	4	0
Case 74	21	45,649,969	46,127,549	2	1	3	0
Case 74	21	46,128,238	46,440,385	2	2	4	0
Case 74	21	46,441,947	46,764,297	2	1	3	0
Case 74	21	46,764,433	46,848,589	2	2	4	0
Case 74	21	46,854,982	47,473,588	2	1	3	0
Case 74	21	47,476,248	47,548,555	2	2	4	0
Case 74	21	47,548,825	47,599,176	2	1	3	0
Case 74	21	47,602,691	47,614,660	2	2	4	0
Case 74	21	47,626,586	48,100,155	2	1	3	0
Case 74	22	16,114,244	28,545,264	1	1	2	0
Case 74	22	28,550,006	28,603,212	2	1	3	0
Case 74	22	28,604,583	28,672,406	2	0	2	1

Case 74	22	28,682,616	28,682,616	2	1	3	0
Case 74	22	28,691,681	37,858,097	1	1	2	0
Case 74	22	37,863,459	37,995,452	2	1	3	0
Case 74	22	38,003,070	51,195,728	1	1	2	0
Case 75	1	82,154	27,789,223	2	1	3	0
Case 75	1	27,836,014	28,109,039	2	2	4	0
Case 75	1	28,128,190	39,550,621	2	1	3	0
Case 75	1	39,551,621	39,624,761	2	2	4	0
Case 75	1	39,626,381	43,870,091	2	1	3	0
Case 75	1	43,872,067	44,084,819	3	1	4	0
Case 75	1	44,084,975	64,059,266	2	1	3	0
Case 75	1	64,059,403	64,374,159	2	2	4	0
Case 75	1	64,381,917	72,428,834	2	1	3	0
Case 75	1	72,433,346	121,088,479	2	2	4	0
Case 75	1	121,164,607	121,346,616	3	0	3	1
Case 75	1	142,649,718	145,560,893	3	2	5	0
Case 75	1	145,560,900	149,855,296	3	3	6	0
Case 75	1	149,856,350	150,529,738	4	1	5	0
Case 75	1	150,530,009	150,857,664	4	2	6	0
Case 75	1	150,860,471	151,395,782	4	1	5	0
Case 75	1	151,396,443	151,491,836	4	2	6	0
Case 75	1	151,492,700	151,554,166	4	1	5	0
Case 75	1	151,554,503	152,028,561	4	2	6	0
Case 75	1	152,037,515	152,383,131	3	2	5	0
Case 75	1	152,383,266	152,724,053	3	3	6	0
Case 75	1	152,728,472	152,732,174	5	2	7	0
Case 75	1	152,732,299	152,958,133	3	2	5	0
Case 75	1	152,958,166	153,507,787	3	3	6	0
Case 75	1	153,507,809	153,963,239	3	2	5	0
Case 75	1	153,964,542	154,849,590	3	3	6	0
Case 75	1	154,896,032	154,896,032	5	2	7	0
Case 75	1	154,898,881	156,848,995	3	2	5	0
Case 75	1	156,849,792	158,388,434	3	3	6	0
Case 75	1	158,389,793	158,549,572	4	1	5	0
Case 75	1	158,549,577	158,590,241	4	2	6	0
Case 75	1	158,592,846	158,687,796	3	2	5	0
Case 75	1	158,687,821	159,796,512	3	3	6	0
Case 75	1	159,796,689	159,796,701	5	2	7	0
Case 75	1	159,798,306	160,013,353	3	2	5	0
Case 75	1	160,023,053	160,933,467	3	3	6	0
Case 75	1	160,937,964	160,956,745	5	2	7	0
Case 75	1	160,959,844	161,168,120	3	2	5	0
Case 75	1	161,168,135	165,199,343	3	3	6	0
Case 75	1	165,207,875	165,226,552	4	1	5	0
Case 75	1	165,228,470	165,465,281	4	2	6	0
Case 75	1	165,465,858	165,721,403	4	1	5	0
Case 75	1	165,726,278	167,016,853	4	2	6	0
Case 75	1	167,016,898	167,097,945	4	1	5	0
Case 75	1	167,100,361	167,847,584	4	2	6	0
Case 75	1	167,847,610	168,074,677	4	1	5	0
Case 75	1	168,074,746	169,499,000	4	2	6	0
Case 75	1	169,499,020	169,623,680	4	1	5	0
Case 75	1	169,647,046	170,928,671	4	2	6	0
Case 75	1	170,928,730	170,982,001	4	1	5	0
Case 75	1	170,984,413	173,832,806	4	2	6	0
Case 75	1	173,835,211	174,611,708	4	1	5	0
Case 75	1	174,623,077	174,715,051	2	0	2	1
Case 75	1	174,781,083	175,041,977	4	2	6	0
Case 75	1	175,046,557	175,735,380	4	1	5	0
Case 75	1	175,739,003	176,453,688	4	2	6	0
Case 75	1	176,457,223	177,074,045	4	1	5	0



Case 75	1	177,074,669	177,639,015	4	2	6	0
Case 75	1	177,648,733	178,686,299	4	1	5	0
Case 75	1	178,686,331	179,039,044	4	2	6	0
Case 75	1	179,039,055	179,100,545	4	1	5	0
Case 75	1	179,100,604	179,960,787	4	2	6	0
Case 75	1	179,961,257	180,214,469	4	1	5	0
Case 75	1	180,217,250	180,897,684	4	2	6	0
Case 75	1	180,897,709	181,307,883	4	1	5	0
Case 75	1	181,309,400	182,353,075	4	2	6	0
Case 75	1	182,353,781	182,632,455	4	1	5	0
Case 75	1	182,640,864	183,061,890	4	2	6	0
Case 75	1	183,071,024	183,113,952	4	1	5	0
Case 75	1	183,114,119	183,831,786	4	2	6	0
Case 75	1	183,834,061	184,792,315	4	1	5	0
Case 75	1	184,792,432	186,065,257	4	2	6	0
Case 75	1	186,072,691	186,948,448	4	1	5	0
Case 75	1	186,951,429	187,232,021	4	2	6	0
Case 75	1	187,233,995	187,760,345	3	2	5	0
Case 75	1	187,763,860	188,477,749	4	2	6	0
Case 75	1	188,484,287	190,080,733	3	2	5	0
Case 75	1	190,086,179	190,399,621	4	2	6	0
Case 75	1	190,399,946	190,506,603	3	2	5	0
Case 75	1	190,514,183	192,314,681	4	2	6	0
Case 75	1	192,316,469	194,329,737	3	2	5	0
Case 75	1	194,334,907	196,014,544	4	2	6	0
Case 75	1	196,017,926	199,691,458	3	2	5	0
Case 75	1	199,707,262	200,234,381	4	2	6	0
Case 75	1	200,247,025	200,405,735	4	1	5	0
Case 75	1	200,417,272	200,521,412	4	2	6	0
Case 75	1	200,522,495	205,633,751	3	2	5	0
Case 75	1	205,639,045	205,785,932	4	2	6	0
Case 75	1	205,786,935	208,061,106	3	2	5	0
Case 75	1	208,061,142	208,390,162	4	2	6	0
Case 75	1	208,390,364	211,073,277	3	2	5	0
Case 75	1	211,077,299	211,405,423	4	2	6	0
Case 75	1	211,408,176	213,759,712	3	2	5	0
Case 75	1	213,760,845	214,462,988	4	2	6	0
Case 75	1	214,465,791	217,154,258	3	2	5	0
Case 75	1	217,159,448	217,414,922	4	2	6	0
Case 75	1	217,417,838	217,955,553	3	2	5	0
Case 75	1	217,966,125	218,162,375	4	2	6	0
Case 75	1	218,162,453	219,412,715	3	2	5	0
Case 75	1	219,446,253	219,700,519	4	2	6	0
Case 75	1	219,705,205	223,609,583	3	2	5	0
Case 75	1	223,611,033	223,653,362	4	2	6	0
Case 75	1	223,655,061	225,126,877	3	2	5	0
Case 75	1	225,137,134	225,540,100	4	2	6	0
Case 75	1	225,548,126	233,533,418	3	2	5	0
Case 75	1	233,534,615	233,636,625	4	2	6	0
Case 75	1	233,643,110	238,301,369	3	2	5	0
Case 75	1	238,303,362	238,446,854	4	2	6	0
Case 75	1	238,451,820	240,680,789	3	2	5	0
Case 75	1	240,680,957	240,871,487	4	2	6	0
Case 75	1	240,872,887	240,933,445	6	1	7	0
Case 75	1	240,933,895	240,934,837	2	2	4	0
Case 75	1	240,937,073	242,380,948	3	2	5	0
Case 75	1	242,381,784	242,842,300	4	2	6	0
Case 75	1	242,854,134	248,411,889	3	2	5	0
Case 75	1	248,415,662	248,440,362	4	2	6	0
Case 75	1	248,455,512	249,218,992	3	2	5	0
Case 75	2	18,674	14,515,498	3	1	4	0

Case 75	2	14,515,733	14,515,733	4	1	5	0
Case 75	2	14,525,844	14,525,844	2	0	2	1
Case 75	2	14,528,945	14,601,354	1	0	1	0
Case 75	2	14,610,061	14,632,564	2	0	2	1
Case 75	2	14,648,430	14,648,430	3	0	3	1
Case 75	2	14,651,181	47,483,905	3	1	4	0
Case 75	2	47,484,256	62,448,855	2	1	3	0
Case 75	2	62,449,428	62,720,684	3	1	4	0
Case 75	2	62,722,292	74,370,612	2	1	3	0
Case 75	2	74,372,348	77,429,576	2	2	4	0
Case 75	2	77,437,279	78,594,007	2	0	2	1
Case 75	2	78,617,965	78,696,239	0	0	0	0
Case 75	2	78,699,428	79,189,199	2	0	2	1
Case 75	2	79,190,408	79,568,621	3	0	3	1
Case 75	2	79,573,515	80,177,744	2	0	2	1
Case 75	2	80,178,514	80,215,228	3	0	3	1
Case 75	2	80,216,176	80,474,158	2	0	2	1
Case 75	2	80,476,142	80,551,464	3	0	3	1
Case 75	2	80,553,514	83,390,541	2	0	2	1
Case 75	2	83,391,938	83,446,208	3	0	3	1
Case 75	2	83,448,159	83,857,943	2	0	2	1
Case 75	2	83,863,422	84,112,346	3	0	3	1
Case 75	2	84,116,856	84,246,586	2	0	2	1
Case 75	2	84,248,820	84,536,960	3	0	3	1
Case 75	2	84,537,078	84,913,635	2	0	2	1
Case 75	2	84,921,433	86,389,144	3	0	3	1
Case 75	2	86,398,008	86,433,271	2	0	2	1
Case 75	2	86,433,396	86,678,235	3	0	3	1
Case 75	2	86,683,566	87,009,742	2	0	2	1
Case 75	2	87,009,992	88,857,275	3	0	3	1
Case 75	2	88,857,452	88,935,607	2	0	2	1
Case 75	2	88,954,540	92,050,792	3	0	3	1
Case 75	2	92,081,640	92,081,640	4	0	4	1
Case 75	2	95,429,424	130,885,891	4	0	4	1
Case 75	2	130,890,386	140,380,671	3	0	3	1
Case 75	2	140,395,703	141,806,707	3	2	5	0
Case 75	2	141,810,244	146,752,161	3	0	3	1
Case 75	2	146,764,156	152,293,370	3	2	5	0
Case 75	2	152,293,775	152,331,418	2	2	4	0
Case 75	2	152,331,745	163,059,592	3	2	5	0
Case 75	2	163,063,913	163,311,202	2	2	4	0
Case 75	2	163,321,014	168,096,375	3	2	5	0
Case 75	2	168,096,408	168,115,325	2	2	4	0
Case 75	2	168,115,346	169,985,338	3	2	5	0
Case 75	2	169,989,127	170,132,243	2	2	4	0
Case 75	2	170,133,086	179,298,734	3	2	5	0
Case 75	2	179,300,979	179,643,656	2	2	4	0
Case 75	2	179,643,775	187,867,340	3	2	5	0
Case 75	2	187,880,937	188,343,515	2	2	4	0
Case 75	2	188,348,943	196,545,025	3	2	5	0
Case 75	2	196,545,314	196,771,409	2	2	4	0
Case 75	2	196,771,454	197,521,487	3	2	5	0
Case 75	2	197,521,750	197,797,224	2	2	4	0
Case 75	2	197,799,124	201,722,431	3	2	5	0
Case 75	2	201,724,114	202,401,019	2	2	4	0
Case 75	2	202,402,532	205,834,111	3	2	5	0
Case 75	2	205,843,303	206,125,313	4	2	6	0
Case 75	2	206,127,438	206,135,584	3	2	5	0
Case 75	2	206,139,804	206,306,315	2	2	4	0
Case 75	2	206,318,593	206,461,610	3	0	3	1
Case 75	2	206,464,465	225,938,996	2	2	4	0

Case 75	2	225,943,606	226,041,219	3	2	5	0
Case 75	2	226,053,521	234,630,900	2	2	4	0
Case 75	2	234,635,467	234,637,569	2	0	2	1
Case 75	2	234,637,789	234,653,938	2	2	4	0
Case 75	2	234,655,144	234,665,659	3	2	5	0
Case 75	2	234,666,461	243,048,760	2	2	4	0
Case 75	3	61,495	11,674,229	5	0	5	1
Case 75	3	11,675,789	11,675,789	3	0	3	1
Case 75	3	11,677,077	11,932,455	6	0	6	1
Case 75	3	11,940,847	11,940,847	3	0	3	1
Case 75	3	11,942,561	36,649,929	5	0	5	1
Case 75	3	36,670,483	41,973,462	3	0	3	1
Case 75	3	41,985,152	42,392,724	4	0	4	1
Case 75	3	42,394,422	42,956,738	3	0	3	1
Case 75	3	42,956,773	43,122,685	4	0	4	1
Case 75	3	43,122,805	44,965,169	3	0	3	1
Case 75	3	44,974,404	45,371,605	4	0	4	1
Case 75	3	45,377,129	45,637,755	3	0	3	1
Case 75	3	45,637,765	45,834,811	4	0	4	1
Case 75	3	45,837,875	53,096,394	3	0	3	1
Case 75	3	53,098,775	53,852,835	4	0	4	1
Case 75	3	53,853,009	55,390,886	3	0	3	1
Case 75	3	55,393,851	55,556,129	4	0	4	1
Case 75	3	55,566,996	57,914,178	3	0	3	1
Case 75	3	57,945,243	58,112,489	4	0	4	1
Case 75	3	58,114,655	58,279,442	3	0	3	1
Case 75	3	58,280,406	58,711,094	4	0	4	1
Case 75	3	58,728,125	60,022,109	3	0	3	1
Case 75	3	60,022,161	60,095,604	2	0	2	1
Case 75	3	60,095,853	61,432,694	3	0	3	1
Case 75	3	61,438,210	61,635,713	4	0	4	1
Case 75	3	61,638,592	71,989,201	3	0	3	1
Case 75	3	71,992,763	72,109,408	4	0	4	1
Case 75	3	72,110,578	86,860,115	3	0	3	1
Case 75	3	86,890,846	90,442,925	3	1	4	0
Case 75	3	93,537,290	93,803,000	3	1	4	0
Case 75	3	93,803,041	102,935,573	2	1	3	0
Case 75	3	102,946,216	103,061,020	4	1	5	0
Case 75	3	103,062,026	119,585,455	2	1	3	0
Case 75	3	119,594,488	119,839,546	2	2	4	0
Case 75	3	119,839,869	122,082,241	2	1	3	0
Case 75	3	122,087,415	125,410,843	3	1	4	0
Case 75	3	125,435,432	145,789,104	2	1	3	0
Case 75	3	145,790,803	149,000,201	4	1	5	0
Case 75	3	149,001,335	157,283,248	5	1	6	0
Case 75	3	157,288,885	158,390,222	6	1	7	0
Case 75	3	158,390,230	158,735,943	5	1	6	0
Case 75	3	158,736,714	159,298,036	6	1	7	0
Case 75	3	159,302,556	159,631,796	5	1	6	0
Case 75	3	159,634,474	167,240,215	6	1	7	0
Case 75	3	167,240,938	167,750,553	5	1	6	0
Case 75	3	167,754,775	169,477,506	6	1	7	0
Case 75	3	169,480,204	169,656,274	5	1	6	0
Case 75	3	169,659,270	170,166,138	6	1	7	0
Case 75	3	170,171,738	170,993,127	5	1	6	0
Case 75	3	170,995,335	171,199,203	6	1	7	0
Case 75	3	171,199,970	171,599,454	5	1	6	0
Case 75	3	171,606,858	171,965,405	6	1	7	0
Case 75	3	171,965,558	172,385,693	5	1	6	0
Case 75	3	172,388,096	176,638,068	6	1	7	0
Case 75	3	176,639,894	191,172,809	5	1	6	0

Case 75	3	191,173,649	191,416,890	6	1	7	0
Case 75	3	191,423,639	197,687,252	5	1	6	0
Case 75	3	197,695,057	197,838,262	6	1	7	0
Case 75	4	71,566	221,623	2	2	4	0
Case 75	4	225,449	437,999	2	1	3	0
Case 75	4	438,030	49,620,898	2	2	4	0
Case 75	4	52,697,856	87,098,956	2	2	4	0
Case 75	4	87,122,922	87,351,740	2	0	2	1
Case 75	4	87,362,834	97,476,439	2	2	4	0
Case 75	4	97,489,174	97,621,871	2	1	3	0
Case 75	4	97,623,215	111,584,419	2	2	4	0
Case 75	4	111,598,749	113,189,546	2	0	2	1
Case 75	4	113,195,610	113,356,306	3	0	3	1
Case 75	4	113,356,363	114,274,329	2	0	2	1
Case 75	4	114,274,518	114,294,537	3	0	3	1
Case 75	4	114,295,540	114,551,579	2	0	2	1
Case 75	4	114,555,661	115,701,304	2	2	4	0
Case 75	4	115,720,115	115,813,013	3	2	5	0
Case 75	4	115,823,991	132,298,239	2	2	4	0
Case 75	4	132,305,574	133,151,211	4	2	6	0
Case 75	4	133,156,160	134,872,709	3	2	5	0
Case 75	4	134,888,185	134,997,723	2	0	2	1
Case 75	4	135,019,322	136,606,270	2	2	4	0
Case 75	4	136,613,685	154,376,222	3	2	5	0
Case 75	4	154,378,572	154,631,563	2	0	2	1
Case 75	4	154,631,587	154,891,356	3	0	3	1
Case 75	4	154,891,741	155,154,936	2	0	2	1
Case 75	4	155,155,797	155,158,175	3	0	3	1
Case 75	4	155,158,284	155,209,141	2	0	2	1
Case 75	4	155,216,371	155,219,789	3	0	3	1
Case 75	4	155,219,852	155,410,650	2	0	2	1
Case 75	4	155,410,667	155,414,923	3	0	3	1
Case 75	4	155,420,487	155,510,314	2	0	2	1
Case 75	4	155,511,824	155,627,814	3	0	3	1
Case 75	4	155,632,606	159,634,297	2	0	2	1
Case 75	4	159,635,244	159,877,388	3	0	3	1
Case 75	4	159,881,453	160,274,698	2	0	2	1
Case 75	4	160,274,740	160,497,236	3	0	3	1
Case 75	4	160,512,123	164,383,199	2	0	2	1
Case 75	4	164,384,209	164,492,395	3	0	3	1
Case 75	4	164,499,999	169,390,717	2	0	2	1
Case 75	4	169,394,314	169,439,280	3	0	3	1
Case 75	4	169,439,902	169,505,090	2	0	2	1
Case 75	4	169,506,877	169,567,817	3	0	3	1
Case 75	4	169,569,729	169,592,669	2	0	2	1
Case 75	4	169,595,421	169,909,593	3	0	3	1
Case 75	4	169,911,312	169,962,604	2	0	2	1
Case 75	4	169,967,051	169,992,206	3	0	3	1
Case 75	4	169,992,966	170,208,954	2	0	2	1
Case 75	4	170,212,576	170,312,589	3	0	3	1
Case 75	4	170,314,951	170,740,266	2	0	2	1
Case 75	4	170,754,412	170,919,666	3	0	3	1
Case 75	4	170,924,737	171,340,897	2	0	2	1
Case 75	4	171,349,115	171,418,411	3	0	3	1
Case 75	4	171,420,400	173,961,153	2	0	2	1
Case 75	4	173,962,425	174,016,641	3	0	3	1
Case 75	4	174,020,403	174,401,970	2	0	2	1
Case 75	4	174,425,236	174,461,343	3	0	3	1
Case 75	4	174,471,671	174,579,326	2	0	2	1
Case 75	4	174,580,179	174,655,914	3	0	3	1
Case 75	4	174,657,554	178,646,542	2	0	2	1

Case 75	4	178,649,091	178,683,325	3	0	3	1
Case 75	4	178,686,626	181,124,250	2	0	2	1
Case 75	4	181,124,269	181,154,351	3	0	3	1
Case 75	4	181,157,746	182,416,097	2	0	2	1
Case 75	4	182,420,303	182,592,079	3	0	3	1
Case 75	4	182,592,541	183,136,858	2	0	2	1
Case 75	4	183,137,216	183,391,730	3	0	3	1
Case 75	4	183,396,702	183,655,548	2	0	2	1
Case 75	4	183,655,636	183,896,828	3	0	3	1
Case 75	4	183,907,715	184,180,853	2	0	2	1
Case 75	4	184,182,124	184,192,037	3	0	3	1
Case 75	4	184,192,278	184,210,670	2	0	2	1
Case 75	4	184,215,675	184,335,306	3	0	3	1
Case 75	4	184,338,589	184,641,445	2	0	2	1
Case 75	4	184,648,954	185,248,266	3	0	3	1
Case 75	4	185,249,147	185,262,740	2	0	2	1
Case 75	4	185,263,811	185,514,341	3	0	3	1
Case 75	4	185,520,068	185,655,171	2	0	2	1
Case 75	4	185,655,214	186,012,601	3	0	3	1
Case 75	4	186,013,276	186,382,253	2	0	2	1
Case 75	4	186,383,240	186,692,629	3	0	3	1
Case 75	4	186,694,576	187,077,203	2	0	2	1
Case 75	4	187,077,204	187,527,472	3	0	3	1
Case 75	4	187,527,818	187,538,330	2	0	2	1
Case 75	4	187,538,942	187,549,883	3	0	3	1
Case 75	4	187,549,905	187,621,281	2	0	2	1
Case 75	4	187,621,568	187,903,476	3	0	3	1
Case 75	4	187,906,366	188,899,298	2	0	2	1
Case 75	4	188,904,235	189,101,773	3	0	3	1
Case 75	4	189,115,231	189,951,379	2	0	2	1
Case 75	4	189,952,149	190,065,197	3	0	3	1
Case 75	4	190,066,616	190,331,143	2	0	2	1
Case 75	4	190,333,580	190,438,606	3	0	3	1
Case 75	4	190,448,383	190,742,692	2	0	2	1
Case 75	4	190,745,892	190,963,766	3	0	3	1
Case 75	5	38,139	409,760	3	2	5	0
Case 75	5	410,980	1,013,269	3	3	6	0
Case 75	5	1,015,063	1,035,519	4	2	6	0
Case 75	5	1,035,555	1,190,088	5	2	7	0
Case 75	5	1,190,440	1,190,440	3	2	5	0
Case 75	5	1,191,061	1,320,247	4	2	6	0
Case 75	5	1,320,722	1,491,009	3	2	5	0
Case 75	5	1,492,559	1,730,637	3	3	6	0
Case 75	5	1,734,834	1,753,306	3	2	5	0
Case 75	5	1,759,000	32,415,321	4	0	4	1
Case 75	5	32,421,850	32,733,418	5	0	5	1
Case 75	5	32,733,968	46,399,093	4	0	4	1
Case 75	5	49,457,282	49,917,122	2	0	2	1
Case 75	5	49,919,338	49,988,020	3	0	3	1
Case 75	5	49,991,561	52,275,103	2	0	2	1
Case 75	5	52,281,914	52,319,076	3	0	3	1
Case 75	5	52,321,039	52,698,518	2	0	2	1
Case 75	5	52,716,489	52,856,797	3	0	3	1
Case 75	5	52,867,330	53,582,605	2	0	2	1
Case 75	5	53,585,870	53,906,687	3	0	3	1
Case 75	5	53,912,105	54,370,089	2	0	2	1
Case 75	5	54,378,192	54,561,643	3	0	3	1
Case 75	5	54,563,027	55,147,418	2	0	2	1
Case 75	5	55,147,452	55,229,577	3	0	3	1
Case 75	5	55,236,367	55,308,631	2	0	2	1
Case 75	5	55,322,895	55,484,024	3	0	3	1

Case 75	5	55,488,928	55,567,861	2	0	2	1
Case 75	5	55,568,321	56,026,843	3	0	3	1
Case 75	5	56,029,717	56,727,379	2	0	2	1
Case 75	5	56,727,958	56,808,015	3	0	3	1
Case 75	5	56,808,503	57,372,815	2	0	2	1
Case 75	5	57,373,820	57,495,341	3	0	3	1
Case 75	5	57,496,382	58,045,259	2	0	2	1
Case 75	5	58,049,332	58,128,813	3	0	3	1
Case 75	5	58,135,616	58,172,093	2	0	2	1
Case 75	5	58,172,462	58,365,249	3	0	3	1
Case 75	5	58,368,695	58,704,650	2	0	2	1
Case 75	5	58,707,111	58,715,833	3	0	3	1
Case 75	5	58,719,893	60,488,167	2	0	2	1
Case 75	5	60,511,401	61,172,759	3	0	3	1
Case 75	5	61,180,703	61,199,286	2	0	2	1
Case 75	5	61,200,407	61,312,387	3	0	3	1
Case 75	5	61,338,462	61,926,784	2	0	2	1
Case 75	5	61,941,043	62,027,073	3	0	3	1
Case 75	5	62,029,339	63,244,622	2	0	2	1
Case 75	5	63,249,424	63,509,746	3	0	3	1
Case 75	5	63,509,839	63,901,304	2	0	2	1
Case 75	5	63,905,019	63,972,658	3	0	3	1
Case 75	5	63,978,255	64,340,029	2	0	2	1
Case 75	5	64,340,353	64,483,759	3	0	3	1
Case 75	5	64,484,802	65,105,354	2	0	2	1
Case 75	5	65,105,441	65,183,502	3	0	3	1
Case 75	5	65,185,421	65,349,887	2	0	2	1
Case 75	5	65,349,908	65,350,481	3	0	3	1
Case 75	5	65,370,943	65,519,426	2	0	2	1
Case 75	5	65,522,888	65,759,249	3	0	3	1
Case 75	5	65,768,007	66,241,285	2	0	2	1
Case 75	5	66,250,384	66,288,624	3	0	3	1
Case 75	5	66,293,644	66,478,392	2	0	2	1
Case 75	5	66,478,626	66,480,154	3	0	3	1
Case 75	5	66,480,297	66,985,073	2	0	2	1
Case 75	5	66,988,373	67,386,576	3	0	3	1
Case 75	5	67,387,273	67,484,617	2	0	2	1
Case 75	5	67,487,328	67,777,856	3	0	3	1
Case 75	5	67,779,809	68,003,457	2	0	2	1
Case 75	5	68,003,493	68,337,426	3	0	3	1
Case 75	5	68,342,235	68,417,704	2	0	2	1
Case 75	5	68,417,755	68,565,120	3	0	3	1
Case 75	5	68,568,858	68,709,884	2	0	2	1
Case 75	5	68,715,249	68,728,353	3	0	3	1
Case 75	5	68,740,653	68,805,114	2	0	2	1
Case 75	5	68,805,249	70,709,459	3	0	3	1
Case 75	5	70,746,762	70,889,870	2	0	2	1
Case 75	5	70,895,499	71,394,115	3	0	3	1
Case 75	5	71,394,869	71,472,020	2	0	2	1
Case 75	5	71,474,274	71,496,159	3	0	3	1
Case 75	5	71,496,419	71,609,959	2	0	2	1
Case 75	5	71,615,249	71,930,656	3	0	3	1
Case 75	5	71,954,583	72,407,538	2	0	2	1
Case 75	5	72,408,246	72,861,455	3	0	3	1
Case 75	5	72,862,289	73,098,324	2	0	2	1
Case 75	5	73,099,158	73,144,010	3	0	3	1
Case 75	5	73,144,829	73,187,660	2	0	2	1
Case 75	5	73,188,022	73,198,364	3	0	3	1
Case 75	5	73,201,991	73,222,133	2	0	2	1
Case 75	5	73,222,351	73,954,619	3	0	3	1
Case 75	5	73,955,280	74,239,864	2	0	2	1

Case 75	5	74,239,946	74,269,724	3	0	3	1
Case 75	5	74,274,675	74,322,982	2	0	2	1
Case 75	5	74,324,437	74,371,635	3	0	3	1
Case 75	5	74,376,571	75,014,916	2	0	2	1
Case 75	5	75,015,242	75,866,423	3	0	3	1
Case 75	5	75,869,228	75,913,844	2	0	2	1
Case 75	5	75,913,853	75,917,720	3	0	3	1
Case 75	5	75,918,738	76,016,946	2	0	2	1
Case 75	5	76,019,044	76,326,719	3	0	3	1
Case 75	5	76,331,387	76,417,042	2	0	2	1
Case 75	5	76,418,218	76,555,245	3	0	3	1
Case 75	5	76,562,245	76,638,632	2	0	2	1
Case 75	5	76,642,311	76,724,599	3	0	3	1
Case 75	5	76,725,582	76,903,692	2	0	2	1
Case 75	5	76,904,032	76,967,446	3	0	3	1
Case 75	5	76,973,108	77,134,589	2	0	2	1
Case 75	5	77,140,099	77,289,748	3	0	3	1
Case 75	5	77,290,512	77,579,205	2	0	2	1
Case 75	5	77,582,571	77,669,593	3	0	3	1
Case 75	5	77,670,793	77,784,433	2	0	2	1
Case 75	5	77,784,438	78,268,889	3	0	3	1
Case 75	5	78,272,540	78,321,109	2	0	2	1
Case 75	5	78,322,282	78,379,069	3	0	3	1
Case 75	5	78,379,449	78,596,580	2	0	2	1
Case 75	5	78,599,519	78,849,697	3	0	3	1
Case 75	5	78,852,686	79,017,377	2	0	2	1
Case 75	5	79,024,734	79,030,212	3	0	3	1
Case 75	5	79,030,258	79,033,667	2	0	2	1
Case 75	5	79,034,027	79,279,578	3	0	3	1
Case 75	5	79,281,467	79,329,756	2	0	2	1
Case 75	5	79,330,559	79,549,684	3	0	3	1
Case 75	5	79,564,658	79,854,586	2	0	2	1
Case 75	5	79,854,617	80,008,704	3	0	3	1
Case 75	5	80,012,251	80,203,678	2	0	2	1
Case 75	5	80,206,473	80,554,946	3	0	3	1
Case 75	5	80,555,065	80,639,678	2	0	2	1
Case 75	5	80,640,000	80,655,266	3	0	3	1
Case 75	5	80,655,709	81,049,187	2	0	2	1
Case 75	5	81,053,445	81,220,187	3	0	3	1
Case 75	5	81,221,223	82,068,106	2	0	2	1
Case 75	5	82,070,143	82,171,190	3	0	3	1
Case 75	5	82,171,406	82,297,362	2	0	2	1
Case 75	5	82,299,073	82,377,566	3	0	3	1
Case 75	5	82,381,400	82,833,891	2	0	2	1
Case 75	5	82,833,977	82,841,476	3	0	3	1
Case 75	5	82,843,864	94,353,137	2	0	2	1
Case 75	5	94,353,905	94,415,012	3	0	3	1
Case 75	5	94,417,521	95,605,114	2	0	2	1
Case 75	5	95,610,520	96,094,694	3	0	3	1
Case 75	5	96,094,973	96,122,210	2	0	2	1
Case 75	5	96,124,300	96,174,929	3	0	3	1
Case 75	5	96,175,043	97,438,982	2	0	2	1
Case 75	5	97,440,934	97,479,660	3	0	3	1
Case 75	5	97,483,701	106,674,516	2	0	2	1
Case 75	5	106,677,407	106,738,959	3	0	3	1
Case 75	5	106,739,110	108,521,939	2	0	2	1
Case 75	5	108,534,661	108,589,326	3	0	3	1
Case 75	5	108,591,279	109,368,613	2	0	2	1
Case 75	5	109,369,796	109,401,411	3	0	3	1
Case 75	5	109,401,940	110,814,116	2	0	2	1
Case 75	5	110,815,311	110,991,602	3	0	3	1

Case 75	5	110,992,525	111,681,843	2	0	2	1
Case 75	5	111,682,654	112,007,180	3	0	3	1
Case 75	5	112,008,440	112,175,528	2	0	2	1
Case 75	5	112,175,540	112,198,276	3	0	3	1
Case 75	5	112,200,359	112,361,757	2	0	2	1
Case 75	5	112,362,840	112,393,483	3	0	3	1
Case 75	5	112,394,380	112,439,993	2	0	2	1
Case 75	5	112,440,142	112,495,421	3	0	3	1
Case 75	5	112,496,354	112,530,947	2	0	2	1
Case 75	5	112,532,935	112,641,650	3	0	3	1
Case 75	5	112,655,413	112,735,231	2	0	2	1
Case 75	5	112,739,017	112,825,677	3	0	3	1
Case 75	5	112,829,305	113,340,036	2	0	2	1
Case 75	5	113,342,732	113,402,762	3	0	3	1
Case 75	5	113,403,389	113,849,294	2	0	2	1
Case 75	5	113,854,743	114,452,634	3	0	3	1
Case 75	5	114,459,958	114,709,028	2	0	2	1
Case 75	5	114,710,653	114,912,363	3	0	3	1
Case 75	5	114,915,460	115,309,222	2	0	2	1
Case 75	5	115,310,760	115,336,215	3	0	3	1
Case 75	5	115,336,353	115,704,566	2	0	2	1
Case 75	5	115,707,457	116,064,934	3	0	3	1
Case 75	5	116,066,910	117,823,265	2	0	2	1
Case 75	5	117,823,346	117,869,174	3	0	3	1
Case 75	5	117,884,604	118,071,881	2	0	2	1
Case 75	5	118,073,157	118,134,414	3	0	3	1
Case 75	5	118,145,507	118,624,190	2	0	2	1
Case 75	5	118,624,941	118,676,529	3	0	3	1
Case 75	5	118,677,093	118,931,912	2	0	2	1
Case 75	5	118,942,612	119,093,698	3	0	3	1
Case 75	5	119,100,616	119,270,840	2	0	2	1
Case 75	5	119,276,292	119,413,039	3	0	3	1
Case 75	5	119,413,303	121,480,802	2	0	2	1
Case 75	5	121,487,765	121,497,094	3	0	3	1
Case 75	5	121,497,706	121,707,541	2	0	2	1
Case 75	5	121,726,123	122,132,725	3	0	3	1
Case 75	5	122,135,429	122,402,675	2	0	2	1
Case 75	5	122,405,090	122,682,368	3	0	3	1
Case 75	5	122,685,717	123,596,603	2	0	2	1
Case 75	5	123,599,714	123,690,883	3	0	3	1
Case 75	5	123,691,444	123,779,300	2	0	2	1
Case 75	5	123,782,602	123,918,548	3	0	3	1
Case 75	5	123,919,181	123,959,513	2	0	2	1
Case 75	5	123,960,447	124,177,701	3	0	3	1
Case 75	5	124,179,292	124,875,058	2	0	2	1
Case 75	5	124,877,035	124,914,520	3	0	3	1
Case 75	5	124,916,977	125,734,100	2	0	2	1
Case 75	5	125,738,273	126,814,254	3	0	3	1
Case 75	5	126,817,110	127,218,995	2	0	2	1
Case 75	5	127,219,305	127,437,401	3	0	3	1
Case 75	5	127,448,519	127,557,814	2	0	2	1
Case 75	5	127,562,880	127,599,184	3	0	3	1
Case 75	5	127,609,633	128,291,364	2	0	2	1
Case 75	5	128,298,437	128,302,288	3	0	3	1
Case 75	5	128,302,850	131,289,879	2	0	2	1
Case 75	5	131,294,966	131,669,264	3	0	3	1
Case 75	5	131,670,178	131,704,980	2	0	2	1
Case 75	5	131,705,627	131,875,930	3	0	3	1
Case 75	5	131,877,699	131,986,463	2	0	2	1
Case 75	5	131,992,409	132,008,644	3	0	3	1
Case 75	5	132,009,154	132,042,146	2	0	2	1



Case 75	5	132,043,032	132,103,271	3	0	3	1
Case 75	5	132,109,742	132,159,588	2	0	2	1
Case 75	5	132,159,594	132,944,069	3	0	3	1
Case 75	5	132,949,899	133,003,070	2	0	2	1
Case 75	5	133,005,912	133,451,683	3	0	3	1
Case 75	5	133,473,697	133,730,455	2	0	2	1
Case 75	5	133,741,881	133,930,528	3	0	3	1
Case 75	5	133,942,478	134,063,041	2	0	2	1
Case 75	5	134,074,481	135,228,165	3	0	3	1
Case 75	5	135,229,738	135,283,122	2	0	2	1
Case 75	5	135,286,437	135,896,392	3	0	3	1
Case 75	5	135,916,094	136,314,013	2	0	2	1
Case 75	5	136,314,511	137,086,605	3	0	3	1
Case 75	5	137,088,234	137,465,138	2	0	2	1
Case 75	5	137,474,417	139,684,364	3	0	3	1
Case 75	5	139,695,230	139,931,384	4	0	4	1
Case 75	5	139,931,607	139,931,620	2	0	2	1
Case 75	5	139,931,629	139,931,644	1	0	1	0
Case 75	5	139,931,646	139,931,653	2	0	2	1
Case 75	5	139,931,655	139,931,740	3	0	3	1
Case 75	5	139,936,760	140,183,237	4	0	4	1
Case 75	5	140,183,823	140,185,473	2	0	2	1
Case 75	5	140,186,844	140,308,620	3	0	3	1
Case 75	5	140,308,664	140,347,053	2	0	2	1
Case 75	5	140,347,398	140,683,320	3	0	3	1
Case 75	5	140,688,728	140,711,120	2	0	2	1
Case 75	5	140,711,595	140,812,748	3	0	3	1
Case 75	5	140,815,348	140,853,856	2	0	2	1
Case 75	5	140,855,329	141,343,853	3	0	3	1
Case 75	5	141,344,123	141,381,616	2	0	2	1
Case 75	5	141,382,584	141,487,203	3	0	3	1
Case 75	5	141,487,530	141,536,812	2	0	2	1
Case 75	5	141,540,017	142,611,567	3	0	3	1
Case 75	5	142,612,488	142,809,272	2	0	2	1
Case 75	5	142,814,865	143,200,053	3	0	3	1
Case 75	5	143,200,066	143,545,150	2	0	2	1
Case 75	5	143,549,496	143,621,838	3	0	3	1
Case 75	5	143,644,780	144,861,632	2	0	2	1
Case 75	5	144,868,408	145,509,728	3	0	3	1
Case 75	5	145,515,379	145,677,418	2	0	2	1
Case 75	5	145,701,961	145,857,166	3	0	3	1
Case 75	5	145,873,365	145,894,896	2	0	2	1
Case 75	5	145,894,946	146,487,497	3	0	3	1
Case 75	5	146,492,274	146,743,222	2	0	2	1
Case 75	5	146,750,233	147,061,995	3	0	3	1
Case 75	5	147,063,674	147,298,865	2	0	2	1
Case 75	5	147,302,214	147,341,549	3	0	3	1
Case 75	5	147,345,190	147,805,120	2	0	2	1
Case 75	5	147,805,208	147,936,120	3	0	3	1
Case 75	5	147,940,042	148,172,689	2	0	2	1
Case 75	5	148,172,928	148,868,169	3	0	3	1
Case 75	5	148,869,227	148,980,714	2	0	2	1
Case 75	5	148,981,046	149,076,956	3	0	3	1
Case 75	5	149,082,092	149,119,815	2	0	2	1
Case 75	5	149,124,228	149,274,769	3	0	3	1
Case 75	5	149,275,993	149,323,955	2	0	2	1
Case 75	5	149,324,041	149,432,863	3	0	3	1
Case 75	5	149,433,752	149,435,759	2	0	2	1
Case 75	5	149,436,930	149,677,782	3	0	3	1
Case 75	5	149,677,807	149,755,751	2	0	2	1
Case 75	5	149,755,839	150,254,620	3	0	3	1

Case 75	5	150,257,616	150,328,866	2	0	2	1
Case 75	5	150,331,600	151,351,067	3	0	3	1
Case 75	5	151,352,448	151,500,945	2	0	2	1
Case 75	5	151,503,347	151,775,137	3	0	3	1
Case 75	5	151,775,141	151,902,834	2	0	2	1
Case 75	5	151,903,277	152,117,400	3	0	3	1
Case 75	5	152,130,453	152,789,621	2	0	2	1
Case 75	5	152,789,711	153,277,759	3	0	3	1
Case 75	5	153,281,406	153,432,986	2	0	2	1
Case 75	5	153,433,115	154,214,473	3	0	3	1
Case 75	5	154,224,311	154,384,725	2	0	2	1
Case 75	5	154,385,429	154,806,830	3	0	3	1
Case 75	5	154,809,183	155,273,228	2	0	2	1
Case 75	5	155,274,700	155,427,558	3	0	3	1
Case 75	5	155,440,966	155,784,983	2	0	2	1
Case 75	5	155,789,169	156,155,832	3	0	3	1
Case 75	5	156,158,356	156,283,415	2	0	2	1
Case 75	5	156,295,198	156,809,248	3	0	3	1
Case 75	5	156,810,072	156,890,174	2	0	2	1
Case 75	5	156,890,181	157,069,796	3	0	3	1
Case 75	5	157,070,998	157,154,518	2	0	2	1
Case 75	5	157,158,372	157,201,700	3	0	3	1
Case 75	5	157,207,502	157,317,932	2	0	2	1
Case 75	5	157,318,560	157,615,710	3	0	3	1
Case 75	5	157,625,299	157,773,645	2	0	2	1
Case 75	5	157,788,342	157,914,654	3	0	3	1
Case 75	5	157,917,275	158,114,288	2	0	2	1
Case 75	5	158,115,878	158,273,665	3	0	3	1
Case 75	5	158,274,071	158,711,219	2	0	2	1
Case 75	5	158,715,663	159,463,719	3	0	3	1
Case 75	5	159,466,751	159,619,826	2	0	2	1
Case 75	5	159,622,419	159,789,092	3	0	3	1
Case 75	5	159,791,206	159,843,996	2	0	2	1
Case 75	5	159,844,275	160,219,464	3	0	3	1
Case 75	5	160,219,844	160,318,038	2	0	2	1
Case 75	5	160,318,988	160,505,992	3	0	3	1
Case 75	5	160,506,084	161,077,036	2	0	2	1
Case 75	5	161,092,768	161,172,541	3	0	3	1
Case 75	5	161,176,573	162,748,604	2	0	2	1
Case 75	5	162,750,370	162,779,115	3	0	3	1
Case 75	5	162,796,184	163,072,880	2	0	2	1
Case 75	5	163,082,728	163,290,591	0	0	0	0
Case 75	5	163,306,841	166,496,034	2	0	2	1
Case 75	5	166,509,116	166,713,726	3	0	3	1
Case 75	5	166,716,981	167,070,649	2	0	2	1
Case 75	5	167,075,842	167,922,442	3	0	3	1
Case 75	5	167,924,260	168,082,455	2	0	2	1
Case 75	5	168,083,311	168,816,501	3	0	3	1
Case 75	5	168,819,011	169,028,316	2	0	2	1
Case 75	5	169,028,346	169,192,074	3	0	3	1
Case 75	5	169,192,826	169,239,816	2	0	2	1
Case 75	5	169,242,458	170,104,598	3	0	3	1
Case 75	5	170,115,523	170,239,112	4	0	4	1
Case 75	5	170,240,423	170,279,080	3	0	3	1
Case 75	5	170,282,686	170,692,913	2	0	2	1
Case 75	5	170,703,078	171,623,828	3	0	3	1
Case 75	5	171,626,110	171,756,937	2	0	2	1
Case 75	5	171,762,100	172,402,686	3	0	3	1
Case 75	5	172,403,528	172,568,979	2	0	2	1
Case 75	5	172,570,220	172,679,377	3	0	3	1
Case 75	5	172,680,870	172,717,383	2	0	2	1

Case 75	5	172,719,020	173,334,792	3	0	3	1
Case 75	5	173,339,222	173,406,806	2	0	2	1
Case 75	5	173,409,953	173,880,643	3	0	3	1
Case 75	5	173,885,707	173,935,749	2	0	2	1
Case 75	5	173,938,767	174,051,117	3	0	3	1
Case 75	5	174,052,037	174,130,513	2	0	2	1
Case 75	5	174,132,754	174,429,085	3	0	3	1
Case 75	5	174,429,248	174,854,625	2	0	2	1
Case 75	5	174,855,149	174,891,621	3	0	3	1
Case 75	5	174,892,501	174,990,352	2	0	2	1
Case 75	5	174,998,993	176,330,236	3	0	3	1
Case 75	5	176,331,832	176,475,355	2	0	2	1
Case 75	5	176,477,835	176,734,179	3	0	3	1
Case 75	5	176,734,647	176,738,464	2	0	2	1
Case 75	5	176,740,244	178,099,758	3	0	3	1
Case 75	5	178,100,927	178,140,536	2	0	2	1
Case 75	5	178,140,619	178,246,618	3	0	3	1
Case 75	5	178,252,366	178,405,729	2	0	2	1
Case 75	5	178,406,388	178,455,114	3	0	3	1
Case 75	5	178,455,198	178,507,270	2	0	2	1
Case 75	5	178,510,048	178,623,396	3	0	3	1
Case 75	5	178,624,101	178,637,124	2	0	2	1
Case 75	5	178,640,760	178,818,076	3	0	3	1
Case 75	5	178,820,635	178,901,458	2	0	2	1
Case 75	5	178,903,149	178,990,305	3	0	3	1
Case 75	5	178,991,794	179,049,329	2	0	2	1
Case 75	5	179,050,188	179,663,409	3	0	3	1
Case 75	5	179,663,458	179,748,631	2	0	2	1
Case 75	5	179,751,111	179,827,609	3	0	3	1
Case 75	5	179,828,925	179,998,326	2	0	2	1
Case 75	5	180,001,061	180,039,606	3	0	3	1
Case 75	5	180,040,918	180,053,021	2	0	2	1
Case 75	5	180,053,236	180,693,127	3	0	3	1
Case 75	6	108,666	1,735,174	3	2	5	0
Case 75	6	1,742,513	1,786,340	2	2	4	0
Case 75	6	1,792,608	2,097,686	2	0	2	1
Case 75	6	2,106,309	2,139,450	2	2	4	0
Case 75	6	2,145,136	4,680,130	3	2	5	0
Case 75	6	4,682,543	5,006,839	4	2	6	0
Case 75	6	5,017,118	5,665,387	3	2	5	0
Case 75	6	5,666,064	6,012,391	4	2	6	0
Case 75	6	6,013,003	8,071,562	3	2	5	0
Case 75	6	8,073,368	9,472,085	4	2	6	0
Case 75	6	9,479,015	10,177,613	3	2	5	0
Case 75	6	10,178,094	10,365,025	4	2	6	0
Case 75	6	10,368,708	17,115,648	3	2	5	0
Case 75	6	17,122,836	17,614,952	4	2	6	0
Case 75	6	17,616,256	19,195,308	3	2	5	0
Case 75	6	19,203,108	19,538,647	4	2	6	0
Case 75	6	19,548,810	22,440,215	3	2	5	0
Case 75	6	22,441,270	23,320,045	4	2	6	0
Case 75	6	23,320,162	23,785,834	3	2	5	0
Case 75	6	23,790,115	24,098,627	4	2	6	0
Case 75	6	24,100,190	28,158,954	3	2	5	0
Case 75	6	28,165,099	28,189,389	4	2	6	0
Case 75	6	28,191,057	28,969,148	3	2	5	0
Case 75	6	28,969,522	29,047,203	4	2	6	0
Case 75	6	29,050,714	29,344,704	3	2	5	0
Case 75	6	29,344,939	29,364,508	4	2	6	0
Case 75	6	29,364,555	29,802,321	3	2	5	0
Case 75	6	29,804,165	29,855,978	4	2	6	0

Case 75	6	29,864,497	29,937,242	4	1	5	0
Case 75	6	29,937,580	29,940,260	4	2	6	0
Case 75	6	29,940,372	29,963,622	3	2	5	0
Case 75	6	29,966,620	30,025,179	4	2	6	0
Case 75	6	30,025,503	31,219,869	3	2	5	0
Case 75	6	31,221,039	31,221,039	2	1	3	0
Case 75	6	31,221,485	31,247,067	4	1	5	0
Case 75	6	31,247,964	31,263,231	4	2	6	0
Case 75	6	31,264,392	32,384,677	3	2	5	0
Case 75	6	32,384,721	32,401,327	4	2	6	0
Case 75	6	32,401,845	47,852,268	3	2	5	0
Case 75	6	47,864,221	49,659,871	4	2	6	0
Case 75	6	49,660,418	50,845,787	3	2	5	0
Case 75	6	50,857,995	51,611,470	4	2	6	0
Case 75	6	51,611,592	51,947,999	3	2	5	0
Case 75	6	51,948,935	52,025,693	4	2	6	0
Case 75	6	52,038,779	53,385,475	3	2	5	0
Case 75	6	53,387,280	53,504,277	4	2	6	0
Case 75	6	53,506,487	54,274,783	3	2	5	0
Case 75	6	54,278,274	54,771,938	4	2	6	0
Case 75	6	54,773,639	55,294,820	3	2	5	0
Case 75	6	55,297,418	55,656,259	4	2	6	0
Case 75	6	55,657,453	57,244,745	3	2	5	0
Case 75	6	57,246,878	58,028,607	4	0	4	1
Case 75	6	58,047,654	58,055,927	3	0	3	1
Case 75	6	58,150,777	58,741,497	3	2	5	0
Case 75	6	58,752,089	58,752,089	4	0	4	1
Case 75	6	61,891,118	89,554,137	4	0	4	1
Case 75	6	89,601,534	89,895,207	5	0	5	1
Case 75	6	89,899,914	98,019,080	4	0	4	1
Case 75	6	98,033,236	126,052,729	5	0	5	1
Case 75	6	126,057,748	130,924,737	4	0	4	1
Case 75	6	130,926,413	131,184,914	5	0	5	1
Case 75	6	131,186,708	132,043,442	4	0	4	1
Case 75	6	132,045,180	132,854,027	5	0	5	1
Case 75	6	132,854,616	135,899,344	4	0	4	1
Case 75	6	135,921,139	136,475,578	5	0	5	1
Case 75	6	136,482,727	143,270,216	4	0	4	1
Case 75	6	143,270,247	144,034,848	5	0	5	1
Case 75	6	144,035,357	145,199,259	4	0	4	1
Case 75	6	145,201,896	145,807,214	5	0	5	1
Case 75	6	145,809,983	148,180,666	4	0	4	1
Case 75	6	148,182,196	148,262,501	3	0	3	1
Case 75	6	148,266,755	156,260,851	4	0	4	1
Case 75	6	156,261,012	157,100,348	5	0	5	1
Case 75	6	157,100,585	162,886,686	4	0	4	1
Case 75	6	162,888,522	162,888,522	2	0	2	1
Case 75	6	162,888,704	162,994,422	0	0	0	0
Case 75	6	162,995,680	162,995,680	2	0	2	1
Case 75	6	162,996,263	162,996,263	3	0	3	1
Case 75	6	162,996,562	168,484,085	4	0	4	1
Case 75	6	168,486,186	168,654,978	5	0	5	1
Case 75	6	168,664,184	170,980,171	4	0	4	1
Case 75	7	44,935	1,138,327	2	2	4	0
Case 75	7	1,140,418	1,380,226	3	2	5	0
Case 75	7	1,381,028	1,529,013	2	2	4	0
Case 75	7	1,529,251	1,750,797	3	2	5	0
Case 75	7	1,754,509	2,663,538	2	2	4	0
Case 75	7	2,664,214	2,911,972	3	2	5	0
Case 75	7	2,915,378	3,079,604	2	2	4	0
Case 75	7	3,081,727	5,626,564	3	2	5	0

Case 75	7	5,630,468	6,046,783	2	2	4	0
Case 75	7	6,048,973	24,984,666	3	2	5	0
Case 75	7	24,985,941	25,190,106	2	2	4	0
Case 75	7	25,194,413	44,524,577	3	2	5	0
Case 75	7	44,524,708	44,871,948	2	2	4	0
Case 75	7	44,874,113	58,019,061	3	2	5	0
Case 75	7	61,056,053	61,852,895	3	2	5	0
Case 75	7	61,994,170	65,216,099	3	0	3	1
Case 75	7	65,225,195	65,449,716	4	0	4	1
Case 75	7	65,453,292	73,824,052	3	0	3	1
Case 75	7	73,826,693	74,045,054	4	0	4	1
Case 75	7	74,069,645	76,054,389	3	0	3	1
Case 75	7	76,054,543	76,217,248	4	0	4	1
Case 75	7	76,288,981	127,730,776	3	0	3	1
Case 75	7	127,731,618	127,857,326	4	0	4	1
Case 75	7	127,857,891	129,999,482	3	0	3	1
Case 75	7	130,000,319	130,143,812	4	0	4	1
Case 75	7	130,145,589	131,189,142	3	0	3	1
Case 75	7	131,189,199	131,468,631	4	0	4	1
Case 75	7	131,473,147	132,732,992	3	0	3	1
Case 75	7	132,741,757	133,041,173	4	0	4	1
Case 75	7	133,045,944	134,019,192	3	0	3	1
Case 75	7	134,021,784	134,351,368	4	0	4	1
Case 75	7	134,355,631	139,138,440	3	0	3	1
Case 75	7	139,138,551	139,530,089	4	0	4	1
Case 75	7	139,530,822	141,845,864	3	0	3	1
Case 75	7	141,847,782	142,460,744	4	0	4	1
Case 75	7	142,460,750	143,650,237	3	0	3	1
Case 75	7	143,651,907	143,752,228	4	0	4	1
Case 75	7	143,754,959	155,672,944	3	0	3	1
Case 75	7	155,676,753	155,791,799	4	0	4	1
Case 75	7	155,793,895	157,496,629	3	0	3	1
Case 75	7	157,502,916	157,502,916	2	0	2	1
Case 75	7	157,508,424	157,605,815	0	0	0	0
Case 75	7	157,625,051	157,625,051	2	0	2	1
Case 75	7	157,634,220	159,119,486	3	0	3	1
Case 75	8	164,984	8,625,041	3	0	3	1
Case 75	8	8,629,936	8,894,700	5	0	5	1
Case 75	8	8,895,470	9,070,973	3	0	3	1
Case 75	8	9,071,416	9,223,532	4	0	4	1
Case 75	8	9,224,139	17,174,343	3	0	3	1
Case 75	8	17,174,534	17,550,854	4	0	4	1
Case 75	8	17,553,839	23,104,413	3	0	3	1
Case 75	8	23,104,612	23,732,888	4	0	4	1
Case 75	8	23,742,960	27,075,395	3	0	3	1
Case 75	8	27,076,127	27,517,036	4	0	4	1
Case 75	8	27,520,266	27,743,401	3	0	3	1
Case 75	8	27,745,205	27,898,660	4	0	4	1
Case 75	8	27,898,705	35,576,360	3	0	3	1
Case 75	8	35,579,664	43,791,691	4	0	4	1
Case 75	8	46,886,735	53,880,054	4	0	4	1
Case 75	8	53,884,020	54,704,493	5	0	5	1
Case 75	8	54,708,292	100,286,280	4	0	4	1
Case 75	8	100,286,506	106,593,207	5	0	5	1
Case 75	8	106,593,662	107,024,505	4	0	4	1
Case 75	8	107,024,649	110,439,255	5	0	5	1
Case 75	8	110,441,582	110,498,978	4	0	4	1
Case 75	8	110,499,005	113,234,556	5	0	5	1
Case 75	8	113,235,742	114,196,344	4	0	4	1
Case 75	8	114,198,799	123,931,864	5	0	5	1
Case 75	8	123,932,061	124,440,262	4	0	4	1

Case 75	8	124,441,504	125,380,008	5	0	5	1
Case 75	8	125,386,971	125,570,144	4	0	4	1
Case 75	8	125,570,554	126,216,588	5	0	5	1
Case 75	8	126,222,645	126,222,645	3	0	3	1
Case 75	8	126,230,230	126,688,445	6	0	6	1
Case 75	8	126,689,998	126,689,998	3	0	3	1
Case 75	8	126,694,158	139,320,268	5	0	5	1
Case 75	8	139,320,385	139,856,350	4	0	4	1
Case 75	8	139,856,384	143,010,636	5	0	5	1
Case 75	8	143,019,293	144,943,023	4	0	4	1
Case 75	8	144,943,109	144,976,654	5	0	5	1
Case 75	8	144,984,956	145,597,512	4	0	4	1
Case 75	8	145,597,591	145,694,720	5	0	5	1
Case 75	8	145,694,912	146,293,414	4	0	4	1
Case 75	9	46,587	8,738,267	3	1	4	0
Case 75	9	8,739,061	17,976,625	2	1	3	0
Case 75	9	17,987,408	18,059,000	2	2	4	0
Case 75	9	18,061,140	33,439,148	2	1	3	0
Case 75	9	33,439,738	33,466,673	2	2	4	0
Case 75	9	33,466,951	34,088,701	3	0	3	1
Case 75	9	34,093,400	34,124,860	3	1	4	0
Case 75	9	34,126,788	35,404,008	2	1	3	0
Case 75	9	35,404,840	35,518,997	4	1	5	0
Case 75	9	35,522,318	39,103,743	2	1	3	0
Case 75	9	39,179,289	46,944,322	3	1	4	0
Case 75	9	65,629,772	67,966,514	3	1	4	0
Case 75	9	68,167,130	116,776,289	2	1	3	0
Case 75	9	116,778,644	116,778,644	2	2	4	0
Case 75	9	116,779,813	116,790,352	3	0	3	1
Case 75	9	116,790,511	116,939,620	3	1	4	0
Case 75	9	116,940,418	117,845,347	2	1	3	0
Case 75	9	117,846,499	117,853,022	3	1	4	0
Case 75	9	117,853,103	126,935,255	2	1	3	0
Case 75	9	126,935,364	127,167,651	3	1	4	0
Case 75	9	127,173,209	136,507,456	2	1	3	0
Case 75	9	136,507,473	136,597,582	2	2	4	0
Case 75	9	136,597,663	136,678,685	3	2	5	0
Case 75	9	136,681,696	136,928,276	2	2	4	0
Case 75	9	136,928,644	137,470,639	3	2	5	0
Case 75	9	137,476,593	137,919,909	2	2	4	0
Case 75	9	137,925,300	138,375,861	3	2	5	0
Case 75	9	138,376,372	138,440,554	2	2	4	0
Case 75	9	138,440,562	138,515,929	3	2	5	0
Case 75	9	138,516,047	138,852,938	2	2	4	0
Case 75	9	138,862,766	139,099,073	3	2	5	0
Case 75	9	139,100,413	139,404,349	2	2	4	0
Case 75	9	139,404,895	139,568,047	3	2	5	0
Case 75	9	139,568,280	140,738,306	2	2	4	0
Case 75	9	140,751,501	141,066,491	3	2	5	0
Case 75	10	98,087	7,605,932	4	1	5	0
Case 75	10	7,608,070	7,791,290	3	1	4	0
Case 75	10	7,793,035	39,097,912	4	1	5	0
Case 75	10	42,436,301	42,509,794	4	1	5	0
Case 75	10	42,682,133	46,999,893	2	1	3	0
Case 75	10	46,999,947	47,087,813	3	1	4	0
Case 75	10	47,101,942	75,526,116	2	1	3	0
Case 75	10	75,526,275	75,680,236	3	1	4	0
Case 75	10	75,687,849	78,117,093	2	1	3	0
Case 75	10	78,122,729	78,122,729	2	2	4	0
Case 75	10	78,133,074	78,310,828	2	0	2	1
Case 75	10	78,312,002	78,341,485	3	0	3	1

Case 75	10	78,392,318	78,399,498	3	1	4	0
Case 75	10	78,415,481	92,907,609	2	1	3	0
Case 75	10	92,909,779	118,444,339	2	2	4	0
Case 75	10	118,448,078	118,568,352	3	2	5	0
Case 75	10	118,575,606	135,477,883	2	2	4	0
Case 75	11	193,146	4,335,548	3	1	4	0
Case 75	11	4,387,760	5,536,386	2	1	3	0
Case 75	11	5,536,415	5,566,591	3	1	4	0
Case 75	11	5,566,615	12,082,861	2	1	3	0
Case 75	11	12,083,368	12,505,324	4	1	5	0
Case 75	11	12,517,482	48,181,601	2	1	3	0
Case 75	11	48,182,237	48,286,231	3	1	4	0
Case 75	11	48,286,256	50,697,498	2	1	3	0
Case 75	11	51,095,992	51,591,253	2	2	4	0
Case 75	11	54,794,237	55,362,955	2	2	4	0
Case 75	11	55,370,325	55,427,700	2	0	2	1
Case 75	11	55,431,897	116,501,684	2	2	4	0
Case 75	11	116,504,377	116,822,034	3	2	5	0
Case 75	11	116,826,870	117,820,561	2	2	4	0
Case 75	11	117,823,425	118,391,375	3	2	5	0
Case 75	11	118,392,082	131,469,762	2	2	4	0
Case 75	11	131,484,187	132,438,694	3	2	5	0
Case 75	11	132,446,994	132,763,567	2	2	4	0
Case 75	11	132,766,569	133,931,013	3	2	5	0
Case 75	11	133,932,333	134,257,523	2	2	4	0
Case 75	11	134,258,416	134,934,063	3	2	5	0
Case 75	12	191,619	5,721,910	2	2	4	0
Case 75	12	5,724,358	5,988,271	3	2	5	0
Case 75	12	5,988,827	33,293,907	2	2	4	0
Case 75	12	33,302,438	33,305,855	2	0	2	1
Case 75	12	33,308,928	34,853,011	2	2	4	0
Case 75	12	37,876,400	40,873,251	2	2	4	0
Case 75	12	40,875,351	40,875,963	2	0	2	1
Case 75	12	40,893,165	48,150,951	2	2	4	0
Case 75	12	48,151,789	48,278,190	3	2	5	0
Case 75	12	48,278,487	52,585,677	2	2	4	0
Case 75	12	52,589,630	52,678,643	3	2	5	0
Case 75	12	52,680,049	58,287,202	2	2	4	0
Case 75	12	58,293,664	114,433,852	2	1	3	0
Case 75	12	114,436,089	133,810,935	2	2	4	0
Case 75	13	19,058,717	19,314,519	2	0	2	1
Case 75	13	19,317,385	19,542,317	3	0	3	1
Case 75	13	19,548,826	19,719,615	2	0	2	1
Case 75	13	19,724,495	19,753,484	3	0	3	1
Case 75	13	19,755,612	20,688,590	2	0	2	1
Case 75	13	20,689,298	21,165,121	3	0	3	1
Case 75	13	21,165,139	21,499,444	2	0	2	1
Case 75	13	21,510,900	21,723,281	3	0	3	1
Case 75	13	21,725,633	21,904,478	2	0	2	1
Case 75	13	21,908,678	21,957,120	3	0	3	1
Case 75	13	21,961,755	22,290,101	2	0	2	1
Case 75	13	22,290,189	22,674,221	3	0	3	1
Case 75	13	22,675,890	22,766,634	2	0	2	1
Case 75	13	22,769,539	22,822,727	3	0	3	1
Case 75	13	22,825,387	22,941,103	2	0	2	1
Case 75	13	22,941,279	23,012,480	3	0	3	1
Case 75	13	23,015,211	23,552,555	2	0	2	1
Case 75	13	23,553,518	23,563,893	3	0	3	1
Case 75	13	23,564,031	23,763,822	2	0	2	1
Case 75	13	23,765,635	23,848,395	3	0	3	1
Case 75	13	23,851,799	23,915,721	2	0	2	1

Case 75	13	23,926,650	23,969,191	3	0	3	1
Case 75	13	23,972,835	24,019,052	2	0	2	1
Case 75	13	24,027,213	24,028,215	3	0	3	1
Case 75	13	24,030,514	24,050,943	2	0	2	1
Case 75	13	24,060,289	24,092,428	3	0	3	1
Case 75	13	24,093,467	24,521,485	2	0	2	1
Case 75	13	24,524,626	24,853,948	3	0	3	1
Case 75	13	24,858,365	24,860,487	2	0	2	1
Case 75	13	24,860,526	25,029,295	3	0	3	1
Case 75	13	25,030,612	25,121,370	2	0	2	1
Case 75	13	25,130,044	25,209,409	3	0	3	1
Case 75	13	25,217,395	25,241,241	2	0	2	1
Case 75	13	25,241,628	25,334,331	3	0	3	1
Case 75	13	25,338,433	25,566,317	2	0	2	1
Case 75	13	25,566,804	25,680,690	3	0	3	1
Case 75	13	25,681,106	25,743,781	2	0	2	1
Case 75	13	25,743,803	25,802,268	3	0	3	1
Case 75	13	25,807,090	26,437,814	2	0	2	1
Case 75	13	26,438,189	26,618,922	3	0	3	1
Case 75	13	26,619,258	26,775,032	2	0	2	1
Case 75	13	26,777,135	26,789,432	3	0	3	1
Case 75	13	26,789,528	26,983,382	2	0	2	1
Case 75	13	26,986,735	27,563,038	3	0	3	1
Case 75	13	27,568,482	27,879,607	2	0	2	1
Case 75	13	27,880,846	28,143,723	3	0	3	1
Case 75	13	28,144,364	28,286,672	2	0	2	1
Case 75	13	28,293,086	28,443,970	3	0	3	1
Case 75	13	28,450,418	28,599,077	2	0	2	1
Case 75	13	28,599,914	28,642,034	3	0	3	1
Case 75	13	28,643,728	28,875,789	2	0	2	1
Case 75	13	28,879,332	28,929,885	3	0	3	1
Case 75	13	28,934,707	29,101,681	2	0	2	1
Case 75	13	29,108,487	29,209,150	3	0	3	1
Case 75	13	29,209,509	29,292,098	2	0	2	1
Case 75	13	29,293,681	29,624,339	3	0	3	1
Case 75	13	29,628,679	29,889,466	2	0	2	1
Case 75	13	29,889,881	30,138,036	3	0	3	1
Case 75	13	30,149,915	30,484,862	2	0	2	1
Case 75	13	30,484,979	30,762,884	3	0	3	1
Case 75	13	30,769,250	30,874,175	2	0	2	1
Case 75	13	30,877,359	31,102,759	3	0	3	1
Case 75	13	31,107,818	31,232,570	2	0	2	1
Case 75	13	31,232,661	31,479,640	3	0	3	1
Case 75	13	31,480,670	31,565,230	2	0	2	1
Case 75	13	31,565,687	31,714,328	3	0	3	1
Case 75	13	31,714,379	31,858,836	2	0	2	1
Case 75	13	31,862,334	31,944,795	3	0	3	1
Case 75	13	31,945,277	32,800,816	2	0	2	1
Case 75	13	32,805,429	32,890,572	3	0	3	1
Case 75	13	32,891,798	33,511,317	2	0	2	1
Case 75	13	33,514,022	33,606,669	3	0	3	1
Case 75	13	33,606,679	33,628,138	2	0	2	1
Case 75	13	33,628,235	33,787,522	3	0	3	1
Case 75	13	33,787,573	34,184,754	2	0	2	1
Case 75	13	34,185,191	34,327,395	3	0	3	1
Case 75	13	34,330,875	34,689,213	2	0	2	1
Case 75	13	34,691,840	34,997,387	3	0	3	1
Case 75	13	35,000,382	36,266,322	2	0	2	1
Case 75	13	36,269,354	36,417,436	3	0	3	1
Case 75	13	36,419,470	36,723,016	2	0	2	1
Case 75	13	36,730,750	36,773,131	3	0	3	1



Case 75	13	36,773,632	37,293,677	2	0	2	1
Case 75	13	37,296,103	37,484,693	3	0	3	1
Case 75	13	37,486,665	37,678,149	2	0	2	1
Case 75	13	37,678,394	37,679,651	3	0	3	1
Case 75	13	37,679,729	39,261,864	2	0	2	1
Case 75	13	39,262,013	39,266,540	3	0	3	1
Case 75	13	39,268,845	39,544,663	2	0	2	1
Case 75	13	39,545,127	39,612,819	3	0	3	1
Case 75	13	39,613,322	40,705,939	2	0	2	1
Case 75	13	40,706,991	40,821,939	3	0	3	1
Case 75	13	40,822,253	40,923,359	2	0	2	1
Case 75	13	40,924,528	41,194,032	3	0	3	1
Case 75	13	41,196,407	41,370,157	2	0	2	1
Case 75	13	41,371,037	41,433,276	3	0	3	1
Case 75	13	41,434,062	41,950,643	2	0	2	1
Case 75	13	41,959,056	42,185,751	3	0	3	1
Case 75	13	42,185,868	43,097,559	2	0	2	1
Case 75	13	43,099,648	43,463,299	3	0	3	1
Case 75	13	43,463,359	43,685,018	2	0	2	1
Case 75	13	43,692,582	43,935,153	3	0	3	1
Case 75	13	43,935,476	44,710,947	2	0	2	1
Case 75	13	44,720,217	44,981,909	3	0	3	1
Case 75	13	45,000,340	45,299,080	2	0	2	1
Case 75	13	45,303,639	45,572,614	3	0	3	1
Case 75	13	45,582,765	45,608,200	2	0	2	1
Case 75	13	45,617,777	45,725,918	3	0	3	1
Case 75	13	45,729,211	46,108,856	2	0	2	1
Case 75	13	46,112,492	46,156,489	3	0	3	1
Case 75	13	46,157,367	46,274,638	2	0	2	1
Case 75	13	46,276,071	46,563,129	3	0	3	1
Case 75	13	46,566,423	46,942,314	2	0	2	1
Case 75	13	46,942,882	47,249,860	3	0	3	1
Case 75	13	47,251,712	47,314,896	2	0	2	1
Case 75	13	47,315,369	47,325,150	3	0	3	1
Case 75	13	47,327,160	48,664,499	2	0	2	1
Case 75	13	48,669,181	48,774,250	3	0	3	1
Case 75	13	48,786,076	49,776,080	2	0	2	1
Case 75	13	49,781,232	49,810,881	3	0	3	1
Case 75	13	49,815,405	51,571,545	4	2	6	0
Case 75	13	51,573,708	52,325,542	4	1	5	0
Case 75	13	52,326,477	52,409,860	4	2	6	0
Case 75	13	52,410,120	53,191,674	4	1	5	0
Case 75	13	53,199,837	57,183,350	4	2	6	0
Case 75	13	57,190,005	76,371,876	6	1	7	0
Case 75	13	76,374,826	76,453,115	5	1	6	0
Case 75	13	76,453,458	86,364,396	6	1	7	0
Case 75	13	86,368,225	86,499,673	5	1	6	0
Case 75	13	86,505,542	88,312,331	6	1	7	0
Case 75	13	88,325,746	88,357,841	5	1	6	0
Case 75	13	88,362,635	90,763,957	6	1	7	0
Case 75	13	90,767,616	91,232,507	5	1	6	0
Case 75	13	91,233,714	91,563,036	6	1	7	0
Case 75	13	91,568,390	92,660,099	5	1	6	0
Case 75	13	92,663,433	94,280,492	6	1	7	0
Case 75	13	94,284,016	96,360,501	5	1	6	0
Case 75	13	96,361,404	96,710,538	6	1	7	0
Case 75	13	96,719,729	104,009,628	5	1	6	0
Case 75	13	104,011,916	104,934,976	6	1	7	0
Case 75	13	104,935,038	104,988,207	5	1	6	0
Case 75	13	104,989,453	105,904,340	6	1	7	0
Case 75	13	105,904,808	108,082,350	5	1	6	0

Case 75	13	108,085,618	108,269,796	6	1	7	0
Case 75	13	108,271,076	115,103,529	5	1	6	0
Case 75	14	19,280,733	20,249,266	2	2	4	0
Case 75	14	20,249,286	20,420,338	3	2	5	0
Case 75	14	20,425,051	20,743,269	2	2	4	0
Case 75	14	20,746,792	20,758,949	3	2	5	0
Case 75	14	20,760,285	27,348,573	2	2	4	0
Case 75	14	27,350,629	27,467,034	3	0	3	1
Case 75	14	27,467,145	36,767,424	2	2	4	0
Case 75	14	36,768,276	36,940,484	2	1	3	0
Case 75	14	36,941,269	43,030,843	2	2	4	0
Case 75	14	43,055,621	43,172,278	2	1	3	0
Case 75	14	43,173,574	43,511,360	2	2	4	0
Case 75	14	43,512,251	43,975,155	2	1	3	0
Case 75	14	43,975,208	44,150,766	2	2	4	0
Case 75	14	44,178,070	44,806,096	2	1	3	0
Case 75	14	44,807,463	45,148,226	2	2	4	0
Case 75	14	45,149,546	45,282,680	2	1	3	0
Case 75	14	45,283,699	45,568,276	2	2	4	0
Case 75	14	45,571,811	45,716,366	2	1	3	0
Case 75	14	45,716,411	46,868,523	2	2	4	0
Case 75	14	46,873,257	48,161,473	2	1	3	0
Case 75	14	48,162,338	51,372,606	2	2	4	0
Case 75	14	51,375,654	51,376,809	2	0	2	1
Case 75	14	51,378,517	56,054,354	2	2	4	0
Case 75	14	56,058,049	56,146,356	2	1	3	0
Case 75	14	56,147,540	56,173,687	3	0	3	1
Case 75	14	56,177,363	58,605,635	2	2	4	0
Case 75	14	58,605,734	58,873,671	3	0	3	1
Case 75	14	58,874,094	60,811,999	2	2	4	0
Case 75	14	60,818,257	60,950,509	2	1	3	0
Case 75	14	60,951,790	81,107,797	2	2	4	0
Case 75	14	81,111,651	81,239,929	2	1	3	0
Case 75	14	81,244,350	83,790,259	2	2	4	0
Case 75	14	83,792,268	83,877,181	3	0	3	1
Case 75	14	83,884,622	84,159,334	2	2	4	0
Case 75	14	84,163,810	84,272,380	3	0	3	1
Case 75	14	84,273,612	84,365,609	2	2	4	0
Case 75	14	84,373,402	84,672,292	3	0	3	1
Case 75	14	84,672,729	92,421,275	2	2	4	0
Case 75	14	92,423,309	92,472,218	2	1	3	0
Case 75	14	92,472,368	96,772,059	2	2	4	0
Case 75	14	96,772,062	96,848,757	2	1	3	0
Case 75	14	96,852,010	97,262,829	2	2	4	0
Case 75	14	97,268,547	97,362,492	2	1	3	0
Case 75	14	97,362,657	107,287,663	2	2	4	0
Case 75	15	20,034,919	20,212,798	3	2	5	0
Case 75	15	20,612,840	22,427,966	2	1	3	0
Case 75	15	22,652,330	31,439,804	2	2	4	0
Case 75	15	31,440,697	31,633,161	3	2	5	0
Case 75	15	31,637,996	64,648,186	2	2	4	0
Case 75	15	64,656,242	64,933,982	2	0	2	1
Case 75	15	64,962,630	72,462,219	2	2	4	0
Case 75	15	72,462,255	74,609,378	3	2	5	0
Case 75	15	74,610,400	74,655,342	2	2	4	0
Case 75	15	74,655,583	82,563,991	3	2	5	0
Case 75	15	82,564,057	83,366,296	2	2	4	0
Case 75	15	83,367,732	89,731,776	3	2	5	0
Case 75	15	89,733,007	89,873,364	2	2	4	0
Case 75	15	89,873,415	90,099,369	3	2	5	0
Case 75	15	90,100,100	90,227,105	2	2	4	0

Case 75	15	90,227,122	99,664,037	3	2	5	0
Case 75	15	99,664,045	99,672,558	2	2	4	0
Case 75	15	99,672,722	101,421,673	3	2	5	0
Case 75	15	101,421,872	101,552,312	2	2	4	0
Case 75	15	101,554,904	102,224,423	3	2	5	0
Case 75	15	102,226,241	102,461,162	2	2	4	0
Case 75	16	88,165	309,524	3	0	3	1
Case 75	16	309,998	333,284	2	0	2	1
Case 75	16	333,338	511,763	3	0	3	1
Case 75	16	514,407	865,040	2	0	2	1
Case 75	16	866,053	904,599	3	0	3	1
Case 75	16	904,628	1,255,545	2	0	2	1
Case 75	16	1,256,122	1,271,987	3	0	3	1
Case 75	16	1,272,038	1,396,285	2	0	2	1
Case 75	16	1,396,609	1,536,938	3	0	3	1
Case 75	16	1,537,391	1,573,926	2	0	2	1
Case 75	16	1,574,252	1,798,325	3	0	3	1
Case 75	16	1,799,407	1,997,096	2	0	2	1
Case 75	16	1,997,206	2,002,960	3	0	3	1
Case 75	16	2,003,399	2,005,563	2	0	2	1
Case 75	16	2,006,099	2,024,204	3	0	3	1
Case 75	16	2,024,205	2,045,731	2	0	2	1
Case 75	16	2,048,437	2,130,189	3	0	3	1
Case 75	16	2,130,190	2,158,623	2	0	2	1
Case 75	16	2,159,242	2,208,889	3	0	3	1
Case 75	16	2,215,883	2,244,531	2	0	2	1
Case 75	16	2,247,362	2,259,955	3	0	3	1
Case 75	16	2,259,986	2,329,121	2	0	2	1
Case 75	16	2,331,173	2,506,918	3	0	3	1
Case 75	16	2,510,603	2,637,283	2	0	2	1
Case 75	16	2,640,086	3,166,547	3	0	3	1
Case 75	16	3,170,210	3,227,885	2	0	2	1
Case 75	16	3,230,888	3,299,586	3	0	3	1
Case 75	16	3,299,609	3,367,840	2	0	2	1
Case 75	16	3,372,481	3,594,316	3	0	3	1
Case 75	16	3,598,190	3,614,540	2	0	2	1
Case 75	16	3,614,739	4,042,449	3	0	3	1
Case 75	16	4,049,365	4,969,222	2	2	4	0
Case 75	16	4,972,963	5,077,157	3	2	5	0
Case 75	16	5,077,160	5,122,041	2	2	4	0
Case 75	16	5,123,474	5,479,168	3	2	5	0
Case 75	16	5,489,632	5,613,997	2	2	4	0
Case 75	16	5,618,728	10,989,612	3	2	5	0
Case 75	16	10,991,878	11,136,204	2	2	4	0
Case 75	16	11,141,321	11,749,774	3	2	5	0
Case 75	16	11,750,830	12,060,082	2	2	4	0
Case 75	16	12,060,097	14,540,868	3	2	5	0
Case 75	16	14,540,918	15,733,076	2	2	4	0
Case 75	16	15,733,081	19,474,685	3	2	5	0
Case 75	16	19,474,688	19,640,020	2	2	4	0
Case 75	16	19,640,068	23,052,497	3	2	5	0
Case 75	16	23,061,630	23,322,445	2	2	4	0
Case 75	16	23,324,849	24,580,298	3	2	5	0
Case 75	16	24,580,646	24,834,982	2	2	4	0
Case 75	16	24,835,018	25,232,875	3	2	5	0
Case 75	16	25,234,671	32,257,633	2	1	3	0
Case 75	16	32,392,598	35,285,582	2	2	4	0
Case 75	16	46,450,037	46,744,689	2	2	4	0
Case 75	16	46,755,060	50,718,801	3	2	5	0
Case 75	16	50,723,074	50,815,188	2	2	4	0
Case 75	16	50,817,219	51,019,711	3	2	5	0

Case 75	16	51,025,933	51,248,783	2	2	4	0
Case 75	16	51,258,826	55,732,620	3	2	5	0
Case 75	16	55,733,589	56,081,918	2	2	4	0
Case 75	16	56,082,843	57,440,896	3	2	5	0
Case 75	16	57,441,407	57,610,423	2	2	4	0
Case 75	16	57,610,796	57,682,275	3	2	5	0
Case 75	16	57,683,091	57,789,091	2	2	4	0
Case 75	16	57,789,288	57,926,171	3	2	5	0
Case 75	16	57,926,847	58,327,774	2	2	4	0
Case 75	16	58,327,945	62,332,472	3	2	5	0
Case 75	16	62,336,454	63,169,289	4	2	6	0
Case 75	16	63,173,259	63,718,779	6	1	7	0
Case 75	16	63,718,945	65,988,234	4	2	6	0
Case 75	16	65,993,854	66,031,786	3	3	6	0
Case 75	16	66,043,905	66,413,150	5	2	7	0
Case 75	16	66,413,195	66,413,371	3	2	5	0
Case 75	16	66,415,792	66,527,099	4	2	6	0
Case 75	16	66,527,192	69,115,649	4	1	5	0
Case 75	16	69,117,397	70,818,759	5	1	6	0
Case 75	16	70,819,670	70,823,505	6	1	7	0
Case 75	16	70,824,983	70,824,983	2	2	4	0
Case 75	16	70,833,405	71,196,543	3	2	5	0
Case 75	16	71,206,836	71,249,346	4	2	6	0
Case 75	16	71,264,561	71,358,949	6	1	7	0
Case 75	16	71,360,615	75,549,885	5	1	6	0
Case 75	16	75,556,838	75,558,483	6	1	7	0
Case 75	16	75,560,416	75,561,195	2	2	4	0
Case 75	16	75,563,237	75,601,983	3	2	5	0
Case 75	16	75,602,797	77,323,235	4	2	6	0
Case 75	16	77,323,247	77,432,832	4	1	5	0
Case 75	16	77,435,266	77,981,586	4	2	6	0
Case 75	16	77,983,488	78,153,157	4	1	5	0
Case 75	16	78,160,462	79,013,587	4	2	6	0
Case 75	16	79,016,116	88,346,709	2	1	3	0
Case 75	16	88,348,934	88,570,383	2	2	4	0
Case 75	16	88,580,796	89,925,556	2	1	3	0
Case 75	16	89,925,691	90,274,695	2	2	4	0
Case 75	17	11,885	4,151,820	4	0	4	1
Case 75	17	4,154,426	4,510,772	5	0	5	1
Case 75	17	4,510,777	13,150,447	4	0	4	1
Case 75	17	13,152,158	13,176,356	3	0	3	1
Case 75	17	13,176,812	13,358,465	2	0	2	1
Case 75	17	13,360,236	13,476,403	3	0	3	1
Case 75	17	13,477,166	13,625,139	2	0	2	1
Case 75	17	13,625,164	13,949,962	3	0	3	1
Case 75	17	13,954,351	14,001,075	2	0	2	1
Case 75	17	14,002,415	14,110,391	3	0	3	1
Case 75	17	14,110,451	14,188,793	2	0	2	1
Case 75	17	14,194,963	14,263,289	3	0	3	1
Case 75	17	14,266,938	14,291,932	2	0	2	1
Case 75	17	14,292,908	14,530,715	3	0	3	1
Case 75	17	14,534,945	14,619,256	2	0	2	1
Case 75	17	14,620,241	14,655,692	3	0	3	1
Case 75	17	14,655,755	14,823,622	2	0	2	1
Case 75	17	14,827,887	15,604,541	3	0	3	1
Case 75	17	15,609,802	15,848,690	2	0	2	1
Case 75	17	15,848,848	16,089,962	3	0	3	1
Case 75	17	16,097,792	16,201,160	2	0	2	1
Case 75	17	16,203,290	16,422,727	3	0	3	1
Case 75	17	16,423,881	16,572,573	2	0	2	1
Case 75	17	16,576,609	17,907,768	3	0	3	1

Case 75	17	17,909,524	17,942,293	2	0	2	1
Case 75	17	17,946,107	18,167,175	3	0	3	1
Case 75	17	18,167,286	18,181,588	2	0	2	1
Case 75	17	18,181,592	18,924,345	3	0	3	1
Case 75	17	19,142,226	19,168,912	4	2	6	0
Case 75	17	19,172,196	19,237,487	6	1	7	0
Case 75	17	19,237,613	19,652,366	5	1	6	0
Case 75	17	19,652,676	19,871,740	6	1	7	0
Case 75	17	19,882,084	20,417,975	5	1	6	0
Case 75	17	20,447,188	20,896,038	6	1	7	0
Case 75	17	20,903,080	21,268,224	5	1	6	0
Case 75	17	21,273,528	21,303,007	6	1	7	0
Case 75	17	21,318,748	21,318,995	2	2	4	0
Case 75	17	21,319,222	22,242,355	3	2	5	0
Case 75	17	25,268,142	25,268,142	3	2	5	0
Case 75	17	25,295,032	26,864,390	3	3	6	0
Case 75	17	26,864,402	26,868,735	5	2	7	0
Case 75	17	26,871,485	27,448,660	3	2	5	0
Case 75	17	27,448,686	36,486,721	3	3	6	0
Case 75	17	36,486,802	38,297,859	5	2	7	0
Case 75	17	38,303,547	38,715,186	3	2	5	0
Case 75	17	38,716,360	38,948,759	4	2	6	0
Case 75	17	38,950,184	39,197,615	4	1	5	0
Case 75	17	39,229,555	39,335,107	4	2	6	0
Case 75	17	39,336,064	39,578,553	3	2	5	0
Case 75	17	39,578,810	40,039,454	3	3	6	0
Case 75	17	40,039,467	40,042,392	5	2	7	0
Case 75	17	40,043,952	40,344,469	3	2	5	0
Case 75	17	40,344,516	40,913,505	4	2	6	0
Case 75	17	40,915,557	40,931,054	3	2	5	0
Case 75	17	40,931,055	41,170,720	4	1	5	0
Case 75	17	41,173,086	41,836,082	4	2	6	0
Case 75	17	41,840,802	42,482,377	3	2	5	0
Case 75	17	42,484,001	43,200,294	4	2	6	0
Case 75	17	43,200,918	44,862,613	4	1	5	0
Case 75	17	44,865,439	45,891,202	4	2	6	0
Case 75	17	45,892,679	46,137,021	4	1	5	0
Case 75	17	46,142,680	46,563,757	4	2	6	0
Case 75	17	46,567,134	46,703,144	4	1	5	0
Case 75	17	46,703,352	46,847,447	4	2	6	0
Case 75	17	46,848,470	47,090,785	4	1	5	0
Case 75	17	47,106,878	47,554,916	4	2	6	0
Case 75	17	47,561,254	47,793,645	4	1	5	0
Case 75	17	47,797,692	48,122,322	4	2	6	0
Case 75	17	48,129,773	48,290,686	4	1	5	0
Case 75	17	48,298,966	48,357,416	4	2	6	0
Case 75	17	48,358,419	48,978,368	3	2	5	0
Case 75	17	48,978,654	51,831,506	4	2	6	0
Case 75	17	51,848,808	51,914,886	4	1	5	0
Case 75	17	51,923,536	53,809,165	4	2	6	0
Case 75	17	53,810,408	53,894,146	4	1	5	0
Case 75	17	53,900,140	54,872,439	4	2	6	0
Case 75	17	54,872,480	55,075,749	3	2	5	0
Case 75	17	55,076,760	55,342,518	4	2	6	0
Case 75	17	55,343,369	55,540,976	4	1	5	0
Case 75	17	55,543,961	55,555,721	2	0	2	1
Case 75	17	55,560,015	55,653,436	3	0	3	1
Case 75	17	55,656,858	55,917,919	4	2	6	0
Case 75	17	55,918,299	56,357,737	3	2	5	0
Case 75	17	56,357,803	56,540,267	4	2	6	0
Case 75	17	56,544,280	56,621,519	3	2	5	0

Case 75	17	56,624,291	57,970,654	4	2	6	0
Case 75	17	57,989,860	58,117,429	3	3	6	0
Case 75	17	58,118,316	58,275,994	4	1	5	0
Case 75	17	58,282,990	59,514,694	4	2	6	0
Case 75	17	59,516,834	59,567,791	4	1	5	0
Case 75	17	59,570,858	60,472,465	4	2	6	0
Case 75	17	60,472,551	60,882,097	4	1	5	0
Case 75	17	60,882,789	61,466,774	4	2	6	0
Case 75	17	61,477,071	63,143,298	4	1	5	0
Case 75	17	63,146,868	63,429,977	4	2	6	0
Case 75	17	63,440,108	63,554,536	4	1	5	0
Case 75	17	63,554,591	64,857,460	4	2	6	0
Case 75	17	64,857,662	64,907,620	4	1	5	0
Case 75	17	64,908,600	66,225,185	4	2	6	0
Case 75	17	66,226,086	66,430,889	4	1	5	0
Case 75	17	66,430,923	66,714,282	4	2	6	0
Case 75	17	66,719,237	66,878,099	3	0	3	1
Case 75	17	66,878,774	67,435,050	2	0	2	1
Case 75	17	67,440,811	67,940,507	3	0	3	1
Case 75	17	67,942,734	68,114,959	2	0	2	1
Case 75	17	68,115,346	68,190,826	3	0	3	1
Case 75	17	68,195,046	70,897,198	4	2	6	0
Case 75	17	70,899,618	71,088,265	4	1	5	0
Case 75	17	71,090,495	71,193,043	4	2	6	0
Case 75	17	71,193,053	71,458,742	3	2	5	0
Case 75	17	71,459,147	71,689,995	4	2	6	0
Case 75	17	71,695,322	72,570,776	3	0	3	1
Case 75	17	72,572,408	72,588,352	2	0	2	1
Case 75	17	72,588,388	72,725,864	3	0	3	1
Case 75	17	72,730,234	72,745,227	2	0	2	1
Case 75	17	72,745,417	73,126,866	3	0	3	1
Case 75	17	73,126,913	73,206,008	2	0	2	1
Case 75	17	73,209,185	73,847,719	3	0	3	1
Case 75	17	73,863,929	73,888,806	2	0	2	1
Case 75	17	73,888,898	74,005,981	3	0	3	1
Case 75	17	74,006,189	74,015,697	2	0	2	1
Case 75	17	74,018,597	74,290,008	3	0	3	1
Case 75	17	74,293,099	74,382,199	2	0	2	1
Case 75	17	74,382,312	74,421,483	3	0	3	1
Case 75	17	74,434,003	74,470,523	2	0	2	1
Case 75	17	74,471,150	78,163,589	3	0	3	1
Case 75	17	78,164,021	78,182,048	2	0	2	1
Case 75	17	78,182,418	79,093,324	3	0	3	1
Case 75	17	79,094,122	79,098,176	2	0	2	1
Case 75	17	79,098,773	79,169,670	3	0	3	1
Case 75	17	79,169,727	79,175,116	2	0	2	1
Case 75	17	79,176,071	79,212,078	3	0	3	1
Case 75	17	79,218,120	79,226,264	2	0	2	1
Case 75	17	79,226,340	79,268,234	3	0	3	1
Case 75	17	79,276,507	79,632,611	2	0	2	1
Case 75	17	79,634,774	79,891,184	3	0	3	1
Case 75	17	79,892,802	79,923,718	2	0	2	1
Case 75	17	79,924,431	80,158,852	3	0	3	1
Case 75	17	80,159,403	80,195,464	2	0	2	1
Case 75	17	80,195,578	80,356,167	3	0	3	1
Case 75	17	80,361,844	80,400,755	2	0	2	1
Case 75	17	80,401,903	80,524,358	3	0	3	1
Case 75	17	80,529,568	80,544,065	2	0	2	1
Case 75	17	80,544,855	81,060,040	3	0	3	1
Case 75	18	87,505	673,789	3	2	5	0
Case 75	18	673,995	1,741,653	4	2	6	0

Case 75	18	1,741,741	1,929,915	3	2	5	0
Case 75	18	1,931,566	2,467,022	4	2	6	0
Case 75	18	2,475,505	3,848,826	3	2	5	0
Case 75	18	3,860,475	4,595,717	4	2	6	0
Case 75	18	4,596,475	4,945,127	3	2	5	0
Case 75	18	4,946,422	5,288,695	4	2	6	0
Case 75	18	5,290,198	14,106,385	3	2	5	0
Case 75	18	14,110,916	14,988,113	4	2	6	0
Case 75	18	14,994,970	15,375,878	3	2	5	0
Case 75	18	18,520,354	27,368,785	2	2	4	0
Case 75	18	27,372,273	28,934,293	2	0	2	1
Case 75	18	28,934,359	28,935,694	3	0	3	1
Case 75	18	28,936,574	28,992,798	2	0	2	1
Case 75	18	28,992,801	28,995,493	3	0	3	1
Case 75	18	29,009,409	29,122,267	2	0	2	1
Case 75	18	29,122,565	29,190,174	3	0	3	1
Case 75	18	29,193,385	29,731,080	2	0	2	1
Case 75	18	29,739,230	29,920,430	3	0	3	1
Case 75	18	29,930,576	30,069,667	2	0	2	1
Case 75	18	30,073,995	30,113,132	3	0	3	1
Case 75	18	30,114,188	30,295,210	2	0	2	1
Case 75	18	30,301,145	30,469,073	3	0	3	1
Case 75	18	30,470,148	31,319,905	2	0	2	1
Case 75	18	31,319,947	31,374,094	3	0	3	1
Case 75	18	31,386,616	32,312,012	2	0	2	1
Case 75	18	32,316,174	32,487,955	3	0	3	1
Case 75	18	32,503,478	32,701,540	2	0	2	1
Case 75	18	32,707,332	32,815,683	3	0	3	1
Case 75	18	32,822,382	33,004,855	2	0	2	1
Case 75	18	33,009,348	33,104,984	3	0	3	1
Case 75	18	33,105,717	33,145,747	2	0	2	1
Case 75	18	33,152,621	33,188,570	3	0	3	1
Case 75	18	33,191,702	33,747,114	2	0	2	1
Case 75	18	33,749,871	33,908,232	3	0	3	1
Case 75	18	33,910,602	33,945,771	2	0	2	1
Case 75	18	33,946,452	34,183,939	3	0	3	1
Case 75	18	34,184,093	34,258,129	2	0	2	1
Case 75	18	34,261,473	34,408,318	3	0	3	1
Case 75	18	34,408,423	34,830,797	2	0	2	1
Case 75	18	34,830,966	35,453,385	3	0	3	1
Case 75	18	35,464,488	35,515,421	2	0	2	1
Case 75	18	35,525,733	35,717,578	3	0	3	1
Case 75	18	35,719,478	35,993,025	2	0	2	1
Case 75	18	35,993,421	36,153,889	3	0	3	1
Case 75	18	36,160,017	42,200,964	2	0	2	1
Case 75	18	42,203,453	42,669,611	3	0	3	1
Case 75	18	42,674,461	42,810,653	2	0	2	1
Case 75	18	42,819,590	43,013,976	3	0	3	1
Case 75	18	43,019,310	43,036,893	2	0	2	1
Case 75	18	43,038,800	43,438,156	3	0	3	1
Case 75	18	43,438,555	43,833,689	2	0	2	1
Case 75	18	43,834,634	44,133,946	3	0	3	1
Case 75	18	44,134,163	44,136,167	2	0	2	1
Case 75	18	44,137,400	44,335,724	3	0	3	1
Case 75	18	44,337,686	44,451,644	2	0	2	1
Case 75	18	44,470,697	44,572,437	3	0	3	1
Case 75	18	44,576,566	44,745,056	2	0	2	1
Case 75	18	44,746,997	44,908,097	3	0	3	1
Case 75	18	44,918,564	45,011,640	2	0	2	1
Case 75	18	45,014,251	45,283,049	3	0	3	1
Case 75	18	45,285,683	45,425,478	2	0	2	1

Case 75	18	45,432,593	46,618,828	3	0	3	1
Case 75	18	46,623,780	47,010,098	2	0	2	1
Case 75	18	47,013,313	47,763,296	3	0	3	1
Case 75	18	47,765,007	47,791,995	2	0	2	1
Case 75	18	47,795,073	47,833,405	3	0	3	1
Case 75	18	47,837,090	47,918,555	2	0	2	1
Case 75	18	47,918,639	48,445,498	3	0	3	1
Case 75	18	48,446,899	48,510,795	2	0	2	1
Case 75	18	48,510,843	49,013,731	3	0	3	1
Case 75	18	49,014,615	49,284,829	2	0	2	1
Case 75	18	49,288,934	49,450,206	3	0	3	1
Case 75	18	49,452,887	49,745,633	2	0	2	1
Case 75	18	49,746,452	49,802,282	3	0	3	1
Case 75	18	49,804,768	50,647,803	2	0	2	1
Case 75	18	50,668,321	50,706,490	3	0	3	1
Case 75	18	50,711,414	51,506,899	2	0	2	1
Case 75	18	51,511,484	51,763,722	3	0	3	1
Case 75	18	51,765,409	51,916,563	2	0	2	1
Case 75	18	51,933,016	52,265,365	3	0	3	1
Case 75	18	52,268,629	53,577,346	2	0	2	1
Case 75	18	53,577,888	53,801,501	3	0	3	1
Case 75	18	53,801,555	53,950,927	2	0	2	1
Case 75	18	53,961,793	54,042,206	3	0	3	1
Case 75	18	54,049,240	54,129,063	2	0	2	1
Case 75	18	54,136,314	54,430,878	3	0	3	1
Case 75	18	54,435,784	54,693,531	2	0	2	1
Case 75	18	54,694,151	55,267,013	3	0	3	1
Case 75	18	55,268,486	55,315,959	2	0	2	1
Case 75	18	55,317,121	55,661,297	3	0	3	1
Case 75	18	55,661,823	55,732,192	2	0	2	1
Case 75	18	55,740,404	56,331,663	3	0	3	1
Case 75	18	56,337,296	56,424,837	2	0	2	1
Case 75	18	56,437,043	56,792,467	3	0	3	1
Case 75	18	56,792,629	56,852,972	2	0	2	1
Case 75	18	56,855,621	56,998,735	3	0	3	1
Case 75	18	57,000,333	57,130,300	2	0	2	1
Case 75	18	57,130,979	57,138,042	3	0	3	1
Case 75	18	57,138,957	57,181,744	2	0	2	1
Case 75	18	57,182,339	57,246,293	3	0	3	1
Case 75	18	57,250,357	57,308,614	2	0	2	1
Case 75	18	57,309,059	57,600,966	3	0	3	1
Case 75	18	57,601,545	58,037,433	2	0	2	1
Case 75	18	58,038,332	58,040,587	3	0	3	1
Case 75	18	58,049,192	58,764,375	2	0	2	1
Case 75	18	58,765,118	59,068,854	3	0	3	1
Case 75	18	59,071,499	59,330,019	2	0	2	1
Case 75	18	59,330,196	59,579,209	3	0	3	1
Case 75	18	59,580,679	59,587,460	2	0	2	1
Case 75	18	59,588,876	59,698,641	3	0	3	1
Case 75	18	59,701,010	59,984,822	2	0	2	1
Case 75	18	59,997,434	60,525,392	3	0	3	1
Case 75	18	60,526,902	60,647,072	2	0	2	1
Case 75	18	60,648,872	61,013,905	3	0	3	1
Case 75	18	61,022,115	61,170,694	2	0	2	1
Case 75	18	61,170,721	61,264,298	3	0	3	1
Case 75	18	61,264,468	67,557,429	2	0	2	1
Case 75	18	67,559,343	67,566,587	3	0	3	1
Case 75	18	67,568,145	67,866,734	2	0	2	1
Case 75	18	67,867,663	68,096,748	3	0	3	1
Case 75	18	68,103,850	68,361,177	2	0	2	1
Case 75	18	68,365,793	68,459,549	3	0	3	1



Case 75	18	68,460,065	71,065,781	2	0	2	1
Case 75	18	71,066,275	71,074,190	3	0	3	1
Case 75	18	71,075,349	71,494,718	2	0	2	1
Case 75	18	71,496,928	71,637,988	3	0	3	1
Case 75	18	71,642,414	71,796,790	2	0	2	1
Case 75	18	71,805,503	71,948,257	3	0	3	1
Case 75	18	71,953,358	72,022,671	2	0	2	1
Case 75	18	72,031,142	72,256,617	3	0	3	1
Case 75	18	72,258,127	72,744,475	2	0	2	1
Case 75	18	72,763,025	73,259,510	3	0	3	1
Case 75	18	73,267,453	73,330,240	2	0	2	1
Case 75	18	73,332,539	73,526,297	3	0	3	1
Case 75	18	73,526,880	73,752,174	2	0	2	1
Case 75	18	73,752,499	73,937,542	3	0	3	1
Case 75	18	73,950,261	74,033,720	2	0	2	1
Case 75	18	74,036,095	74,348,916	3	0	3	1
Case 75	18	74,351,381	74,625,763	2	0	2	1
Case 75	18	74,625,806	74,930,541	3	0	3	1
Case 75	18	74,931,463	74,954,315	2	0	2	1
Case 75	18	74,954,477	75,072,931	3	0	3	1
Case 75	18	75,073,346	75,577,219	2	0	2	1
Case 75	18	75,578,926	75,930,831	3	0	3	1
Case 75	18	75,933,383	76,034,737	2	0	2	1
Case 75	18	76,039,684	76,086,818	3	0	3	1
Case 75	18	76,089,528	76,153,361	2	0	2	1
Case 75	18	76,154,754	76,526,710	3	0	3	1
Case 75	18	76,528,007	76,566,129	2	0	2	1
Case 75	18	76,570,960	76,664,863	3	0	3	1
Case 75	18	76,665,175	76,754,200	2	0	2	1
Case 75	18	76,754,380	76,817,189	3	0	3	1
Case 75	18	76,820,697	77,122,830	2	0	2	1
Case 75	18	77,129,563	77,708,781	3	0	3	1
Case 75	18	77,708,992	78,015,180	2	0	2	1
Case 75	19	260,912	422,283	3	0	3	1
Case 75	19	428,608	582,775	2	0	2	1
Case 75	19	582,927	682,010	3	0	3	1
Case 75	19	683,221	758,121	2	0	2	1
Case 75	19	758,174	824,168	3	0	3	1
Case 75	19	827,655	889,821	2	0	2	1
Case 75	19	891,008	1,043,794	3	0	3	1
Case 75	19	1,044,589	1,056,244	2	0	2	1
Case 75	19	1,056,389	1,119,539	3	0	3	1
Case 75	19	1,119,540	1,234,255	2	0	2	1
Case 75	19	1,234,617	1,399,792	3	0	3	1
Case 75	19	1,399,892	1,562,643	2	0	2	1
Case 75	19	1,576,073	1,821,637	3	0	3	1
Case 75	19	1,822,668	1,916,392	2	0	2	1
Case 75	19	1,917,925	2,028,985	3	0	3	1
Case 75	19	2,032,148	2,059,585	2	0	2	1
Case 75	19	2,061,715	2,246,770	3	0	3	1
Case 75	19	2,248,683	2,290,977	2	0	2	1
Case 75	19	2,294,279	2,415,448	3	0	3	1
Case 75	19	2,415,704	2,430,232	2	0	2	1
Case 75	19	2,431,272	2,515,874	3	0	3	1
Case 75	19	2,517,875	2,569,242	2	0	2	1
Case 75	19	2,569,946	2,834,614	3	0	3	1
Case 75	19	2,834,783	2,863,877	2	0	2	1
Case 75	19	2,867,717	2,936,535	3	0	3	1
Case 75	19	2,936,559	2,993,524	2	0	2	1
Case 75	19	2,993,562	3,488,180	3	0	3	1
Case 75	19	3,488,287	3,548,231	2	0	2	1

Case 75	19	3,548,313	3,736,255	3	0	3	1
Case 75	19	3,736,284	3,740,740	2	0	2	1
Case 75	19	3,743,948	3,753,769	3	0	3	1
Case 75	19	3,753,807	3,822,179	2	0	2	1
Case 75	19	3,825,330	4,298,064	3	0	3	1
Case 75	19	4,298,067	4,312,103	2	0	2	1
Case 75	19	4,318,365	4,493,708	3	0	3	1
Case 75	19	4,493,979	4,508,817	2	0	2	1
Case 75	19	4,508,905	5,355,661	3	0	3	1
Case 75	19	5,359,211	5,456,401	2	0	2	1
Case 75	19	5,456,450	5,831,515	3	0	3	1
Case 75	19	5,831,525	5,831,525	2	0	2	1
Case 75	19	5,832,190	5,841,356	0	0	0	0
Case 75	19	5,843,609	5,843,609	2	0	2	1
Case 75	19	5,844,400	7,081,431	3	0	3	1
Case 75	19	7,082,035	7,088,834	2	0	2	1
Case 75	19	7,090,222	7,570,958	3	0	3	1
Case 75	19	7,570,978	7,573,287	2	0	2	1
Case 75	19	7,574,918	7,852,337	3	0	3	1
Case 75	19	7,855,781	7,898,541	2	0	2	1
Case 75	19	7,900,562	8,071,111	3	0	3	1
Case 75	19	8,106,521	8,160,897	2	0	2	1
Case 75	19	8,160,947	8,913,668	3	0	3	1
Case 75	19	8,920,947	8,962,389	2	0	2	1
Case 75	19	8,966,475	9,297,196	3	0	3	1
Case 75	19	9,297,286	9,921,593	2	0	2	1
Case 75	19	9,921,613	10,904,700	3	0	3	1
Case 75	19	10,908,100	10,953,603	2	0	2	1
Case 75	19	10,955,925	11,217,344	3	0	3	1
Case 75	19	11,218,079	20,003,341	2	2	4	0
Case 75	19	20,003,485	20,129,877	4	2	6	0
Case 75	19	20,133,846	20,470,564	3	2	5	0
Case 75	19	20,473,553	24,629,285	2	2	4	0
Case 75	19	27,732,159	27,763,440	2	2	4	0
Case 75	19	27,801,814	28,036,744	6	1	7	0
Case 75	19	28,054,130	28,246,742	2	2	4	0
Case 75	19	28,252,131	29,348,066	6	1	7	0
Case 75	19	29,348,082	29,554,195	5	1	6	0
Case 75	19	29,556,972	30,037,081	6	1	7	0
Case 75	19	30,039,592	30,071,417	2	2	4	0
Case 75	19	30,077,328	30,914,411	6	1	7	0
Case 75	19	30,920,536	34,266,248	2	2	4	0
Case 75	19	34,271,079	34,431,865	3	2	5	0
Case 75	19	34,436,889	44,071,408	2	2	4	0
Case 75	19	44,072,802	44,280,715	3	2	5	0
Case 75	19	44,280,719	45,574,894	2	2	4	0
Case 75	19	45,575,251	45,708,758	3	2	5	0
Case 75	19	45,716,197	50,020,163	2	2	4	0
Case 75	19	50,027,765	50,492,564	3	0	3	1
Case 75	19	50,492,971	50,548,191	2	0	2	1
Case 75	19	50,548,367	50,591,699	3	0	3	1
Case 75	19	50,648,319	50,880,867	5	0	5	1
Case 75	19	50,881,054	51,485,056	3	0	3	1
Case 75	19	51,485,072	51,519,354	2	0	2	1
Case 75	19	51,519,380	51,534,048	3	0	3	1
Case 75	19	51,535,130	51,582,808	2	0	2	1
Case 75	19	51,582,867	51,850,767	3	0	3	1
Case 75	19	51,853,352	51,857,738	2	0	2	1
Case 75	19	51,857,774	52,385,520	3	0	3	1
Case 75	19	52,386,723	52,447,841	2	0	2	1
Case 75	19	52,448,196	52,491,250	3	0	3	1

Case 75	19	52,495,380	52,678,171	2	0	2	1
Case 75	19	52,679,063	52,793,328	3	0	3	1
Case 75	19	52,793,388	53,482,629	2	0	2	1
Case 75	19	53,483,547	53,569,251	3	0	3	1
Case 75	19	53,570,867	53,573,403	2	0	2	1
Case 75	19	53,573,417	53,602,953	3	0	3	1
Case 75	19	53,603,590	53,756,120	2	0	2	1
Case 75	19	53,757,505	53,818,436	3	0	3	1
Case 75	19	53,820,000	53,968,383	2	0	2	1
Case 75	19	53,970,581	54,301,593	3	0	3	1
Case 75	19	54,301,639	54,313,957	2	0	2	1
Case 75	19	54,313,961	55,107,870	3	0	3	1
Case 75	19	55,109,883	55,143,209	2	0	2	1
Case 75	19	55,143,452	55,383,941	3	0	3	1
Case 75	19	55,385,435	55,412,835	2	0	2	1
Case 75	19	55,417,731	55,871,019	3	0	3	1
Case 75	19	55,871,205	55,889,485	2	0	2	1
Case 75	19	55,889,500	56,918,598	3	0	3	1
Case 75	19	56,924,761	56,968,314	2	0	2	1
Case 75	19	56,969,536	57,027,720	3	0	3	1
Case 75	19	57,027,762	57,093,819	2	0	2	1
Case 75	19	57,099,817	57,868,483	3	0	3	1
Case 75	19	57,868,685	57,949,426	2	0	2	1
Case 75	19	57,952,035	57,956,828	3	0	3	1
Case 75	19	57,961,612	58,031,303	2	0	2	1
Case 75	19	58,038,624	58,117,225	3	0	3	1
Case 75	19	58,117,399	58,199,483	2	0	2	1
Case 75	19	58,199,628	58,436,020	3	0	3	1
Case 75	19	58,436,041	58,491,627	2	0	2	1
Case 75	19	58,494,665	58,596,165	3	0	3	1
Case 75	19	58,596,338	58,689,834	2	0	2	1
Case 75	19	58,693,418	58,772,444	3	0	3	1
Case 75	19	58,772,484	58,793,554	2	0	2	1
Case 75	19	58,797,098	58,864,491	3	0	3	1
Case 75	19	58,864,657	58,880,242	2	0	2	1
Case 75	19	58,884,965	58,982,131	3	0	3	1
Case 75	19	58,982,241	59,000,273	2	0	2	1
Case 75	19	59,008,566	59,073,871	3	0	3	1
Case 75	19	59,074,133	59,097,160	2	0	2	1
Case 75	20	63,244	5,589,451	3	2	5	0
Case 75	20	5,597,276	5,731,955	4	2	6	0
Case 75	20	5,738,221	6,114,257	3	2	5	0
Case 75	20	6,115,581	6,274,464	4	2	6	0
Case 75	20	6,277,097	6,764,536	3	2	5	0
Case 75	20	6,765,841	7,065,143	4	2	6	0
Case 75	20	7,067,157	7,955,347	3	2	5	0
Case 75	20	7,957,766	8,168,483	4	2	6	0
Case 75	20	8,173,394	8,875,889	3	2	5	0
Case 75	20	8,877,989	9,459,927	4	2	6	0
Case 75	20	9,462,537	10,123,424	3	2	5	0
Case 75	20	10,129,600	10,418,801	4	2	6	0
Case 75	20	10,424,721	11,179,048	3	2	5	0
Case 75	20	11,179,758	11,371,883	4	2	6	0
Case 75	20	11,372,915	13,907,164	3	2	5	0
Case 75	20	13,908,548	14,390,613	4	2	6	0
Case 75	20	14,392,173	14,968,542	3	2	5	0
Case 75	20	14,973,777	15,104,193	4	2	6	0
Case 75	20	15,105,055	15,613,056	3	2	5	0
Case 75	20	15,613,161	15,893,592	4	2	6	0
Case 75	20	15,898,812	16,054,623	3	2	5	0
Case 75	20	16,055,272	16,202,021	4	2	6	0

Case 75	20	16,202,670	16,572,601	3	2	5	0
Case 75	20	16,575,342	16,659,448	4	2	6	0
Case 75	20	16,659,902	17,262,715	3	2	5	0
Case 75	20	17,262,999	17,472,515	4	2	6	0
Case 75	20	17,473,671	19,727,485	3	2	5	0
Case 75	20	19,728,654	19,915,251	4	2	6	0
Case 75	20	19,915,770	22,142,595	3	2	5	0
Case 75	20	22,147,525	22,485,322	4	2	6	0
Case 75	20	22,487,988	26,293,985	3	2	5	0
Case 75	20	29,425,357	30,486,338	3	3	6	0
Case 75	20	30,489,670	30,489,670	5	2	7	0
Case 75	20	30,496,398	31,032,286	3	2	5	0
Case 75	20	31,033,574	34,025,983	3	3	6	0
Case 75	20	34,042,646	34,067,227	4	1	5	0
Case 75	20	34,075,998	34,146,779	4	2	6	0
Case 75	20	34,152,782	34,288,536	3	2	5	0
Case 75	20	34,288,854	43,780,908	3	3	6	0
Case 75	20	43,786,064	43,793,512	5	2	7	0
Case 75	20	43,803,606	43,882,794	3	2	5	0
Case 75	20	43,882,800	51,867,856	3	3	6	0
Case 75	20	51,869,389	51,876,653	3	2	5	0
Case 75	20	51,879,861	56,083,837	3	3	6	0
Case 75	20	56,087,796	56,191,351	3	2	5	0
Case 75	20	56,191,360	58,476,862	3	3	6	0
Case 75	20	58,486,796	58,502,648	5	2	7	0
Case 75	20	58,511,286	58,581,768	3	2	5	0
Case 75	20	58,581,873	60,673,065	3	3	6	0
Case 75	20	60,681,037	60,681,037	5	2	7	0
Case 75	20	60,683,359	60,793,712	3	2	5	0
Case 75	20	60,797,558	61,450,599	3	3	6	0
Case 75	20	61,451,305	61,451,333	5	2	7	0
Case 75	20	61,453,127	61,578,610	3	2	5	0
Case 75	20	61,582,757	62,565,622	3	3	6	0
Case 75	20	62,568,408	62,571,356	5	2	7	0
Case 75	20	62,573,064	62,948,788	3	2	5	0
Case 75	21	10,827,533	10,971,337	3	0	3	1
Case 75	21	14,368,320	15,207,860	3	0	3	1
Case 75	21	15,214,708	15,375,507	2	0	2	1
Case 75	21	15,384,814	15,495,000	3	0	3	1
Case 75	21	15,501,522	18,781,682	2	0	2	1
Case 75	21	18,785,657	18,951,211	3	0	3	1
Case 75	21	18,951,922	19,044,975	2	0	2	1
Case 75	21	19,046,753	19,169,013	3	0	3	1
Case 75	21	19,169,133	19,259,311	2	0	2	1
Case 75	21	19,260,617	19,317,046	3	0	3	1
Case 75	21	19,321,203	27,075,005	2	0	2	1
Case 75	21	27,078,296	27,443,650	3	0	3	1
Case 75	21	27,444,110	27,537,769	2	0	2	1
Case 75	21	27,544,041	27,616,787	3	0	3	1
Case 75	21	27,618,726	28,084,748	2	0	2	1
Case 75	21	28,088,340	28,115,929	3	0	3	1
Case 75	21	28,122,146	28,209,494	2	0	2	1
Case 75	21	28,209,667	28,229,786	3	0	3	1
Case 75	21	28,235,194	28,299,990	2	0	2	1
Case 75	21	28,302,335	28,338,425	3	0	3	1
Case 75	21	28,338,449	28,932,087	2	0	2	1
Case 75	21	28,938,429	28,962,313	3	0	3	1
Case 75	21	28,965,787	30,419,544	2	0	2	1
Case 75	21	30,419,555	30,629,752	3	0	3	1
Case 75	21	30,656,199	30,994,121	2	0	2	1
Case 75	21	30,997,433	31,100,797	3	0	3	1

Case 75	21	31,108,846	31,654,504	2	0	2	1
Case 75	21	31,654,638	31,744,555	3	0	3	1
Case 75	21	31,753,700	31,812,763	2	0	2	1
Case 75	21	31,812,772	31,965,059	3	0	3	1
Case 75	21	31,973,405	32,250,952	2	0	2	1
Case 75	21	32,251,674	33,057,720	3	0	3	1
Case 75	21	33,058,677	33,096,867	2	0	2	1
Case 75	21	33,124,238	33,998,314	3	0	3	1
Case 75	21	33,999,859	34,223,288	2	0	2	1
Case 75	21	34,238,324	34,619,126	3	0	3	1
Case 75	21	34,620,113	34,635,801	2	0	2	1
Case 75	21	34,640,722	34,707,387	3	0	3	1
Case 75	21	34,707,868	34,725,807	2	0	2	1
Case 75	21	34,726,019	34,806,288	3	0	3	1
Case 75	21	34,809,233	35,172,139	2	0	2	1
Case 75	21	35,176,970	35,742,722	3	0	3	1
Case 75	21	35,742,799	35,782,033	2	0	2	1
Case 75	21	35,783,219	35,893,950	3	0	3	1
Case 75	21	35,895,879	35,915,722	2	0	2	1
Case 75	21	35,918,080	36,514,505	3	0	3	1
Case 75	21	36,514,652	36,666,340	2	0	2	1
Case 75	21	36,666,508	37,518,706	3	0	3	1
Case 75	21	37,518,760	37,546,495	2	0	2	1
Case 75	21	37,548,759	37,650,373	3	0	3	1
Case 75	21	37,650,538	37,768,962	2	0	2	1
Case 75	21	37,769,131	38,432,621	3	0	3	1
Case 75	21	38,433,519	38,537,924	2	0	2	1
Case 75	21	38,538,018	38,560,824	3	0	3	1
Case 75	21	38,560,866	38,579,914	2	0	2	1
Case 75	21	38,599,440	38,694,688	3	0	3	1
Case 75	21	38,702,072	38,843,460	2	0	2	1
Case 75	21	38,845,798	40,525,287	3	0	3	1
Case 75	21	40,527,311	40,667,811	2	0	2	1
Case 75	21	40,669,083	40,780,560	3	0	3	1
Case 75	21	40,781,985	40,847,196	2	0	2	1
Case 75	21	40,847,614	41,460,146	3	0	3	1
Case 75	21	41,460,412	41,543,786	2	0	2	1
Case 75	21	41,546,955	41,585,748	3	0	3	1
Case 75	21	41,592,144	41,776,253	2	0	2	1
Case 75	21	41,780,398	42,654,497	3	0	3	1
Case 75	21	42,655,515	42,714,919	2	0	2	1
Case 75	21	42,717,639	43,397,111	3	0	3	1
Case 75	21	43,397,435	43,413,451	2	0	2	1
Case 75	21	43,413,459	43,716,022	3	0	3	1
Case 75	21	43,716,241	43,742,367	2	0	2	1
Case 75	21	43,743,039	44,380,454	3	0	3	1
Case 75	21	44,392,270	44,437,142	2	0	2	1
Case 75	21	44,438,248	44,897,977	3	0	3	1
Case 75	21	44,903,553	45,110,316	2	0	2	1
Case 75	21	45,110,784	45,679,565	3	0	3	1
Case 75	21	45,681,109	45,709,153	2	0	2	1
Case 75	21	45,709,568	45,840,605	3	0	3	1
Case 75	21	45,844,751	45,877,121	2	0	2	1
Case 75	21	45,877,228	46,927,500	3	0	3	1
Case 75	21	46,930,092	46,953,292	2	0	2	1
Case 75	21	46,956,571	47,373,412	3	0	3	1
Case 75	21	47,376,659	47,445,791	2	0	2	1
Case 75	21	47,453,954	47,582,102	3	0	3	1
Case 75	21	47,588,233	47,671,444	2	0	2	1
Case 75	21	47,674,275	47,704,399	3	0	3	1
Case 75	21	47,704,461	47,766,840	2	0	2	1

Case 75	21	47,766,883	47,810,597	3	0	3	1
Case 75	21	47,811,153	47,864,633	2	0	2	1
Case 75	21	47,867,318	48,027,084	3	0	3	1
Case 75	21	48,027,880	48,063,476	2	0	2	1
Case 75	21	48,064,382	48,100,155	3	0	3	1
Case 75	22	16,114,244	19,504,398	4	0	4	1
Case 75	22	19,506,456	19,743,640	5	0	5	1
Case 75	22	19,747,082	20,139,204	4	0	4	1
Case 75	22	20,144,663	21,005,697	5	0	5	1
Case 75	22	21,007,726	22,266,577	4	0	4	1
Case 75	22	22,266,808	23,262,360	5	0	5	1
Case 75	22	23,263,708	24,222,710	4	0	4	1
Case 75	22	24,224,655	25,115,459	5	0	5	1
Case 75	22	25,115,524	25,187,544	4	0	4	1
Case 75	22	25,189,055	25,241,381	5	0	5	1
Case 75	22	25,242,592	25,466,553	4	0	4	1
Case 75	22	25,473,134	26,543,287	5	0	5	1
Case 75	22	26,550,841	27,405,385	4	0	4	1
Case 75	22	27,405,625	30,326,102	5	0	5	1
Case 75	22	30,328,070	32,946,113	4	0	4	1
Case 75	22	32,950,104	36,891,858	5	0	5	1
Case 75	22	36,892,240	38,623,714	4	0	4	1
Case 75	22	38,627,339	38,864,460	5	0	5	1
Case 75	22	38,875,632	45,596,249	4	0	4	1
Case 75	22	45,597,631	45,736,153	5	0	5	1
Case 75	22	45,736,485	51,195,728	4	0	4	1
Case 76	1	82,154	846,808	3	2	5	0
Case 76	1	854,250	14,422,886	3	0	3	1
Case 76	1	14,425,555	14,577,474	2	0	2	1
Case 76	1	14,579,733	49,664,304	3	0	3	1
Case 76	1	49,695,123	71,953,123	2	0	2	1
Case 76	1	71,954,701	72,533,927	1	0	1	0
Case 76	1	72,535,536	72,615,118	2	0	2	1
Case 76	1	72,628,347	72,826,172	1	0	1	0
Case 76	1	72,828,221	73,111,887	2	0	2	1
Case 76	1	73,116,491	74,507,423	4	0	4	1
Case 76	1	74,507,450	75,087,549	3	0	3	1
Case 76	1	75,089,136	76,586,272	4	0	4	1
Case 76	1	76,586,876	76,766,754	3	0	3	1
Case 76	1	76,768,447	78,410,240	4	0	4	1
Case 76	1	78,412,779	78,762,998	3	0	3	1
Case 76	1	78,766,380	79,093,818	4	0	4	1
Case 76	1	79,093,821	79,166,285	3	0	3	1
Case 76	1	79,167,440	79,580,392	4	0	4	1
Case 76	1	79,581,567	82,848,779	3	0	3	1
Case 76	1	82,850,151	83,253,132	4	0	4	1
Case 76	1	83,257,232	106,540,583	3	0	3	1
Case 76	1	106,568,613	107,444,101	2	0	2	1
Case 76	1	107,448,618	121,164,607	3	0	3	1
Case 76	1	121,171,208	121,346,616	4	0	4	1
Case 76	1	142,649,718	146,643,555	3	0	3	1
Case 76	1	146,648,224	147,373,447	4	0	4	1
Case 76	1	147,374,326	151,792,814	3	0	3	1
Case 76	1	151,792,842	152,004,435	4	0	4	1
Case 76	1	152,004,804	157,772,422	3	0	3	1
Case 76	1	157,772,443	158,123,284	4	0	4	1
Case 76	1	158,123,721	158,450,314	3	0	3	1
Case 76	1	158,450,382	158,510,273	4	0	4	1
Case 76	1	158,516,967	158,725,419	3	0	3	1
Case 76	1	158,725,504	159,161,279	4	0	4	1
Case 76	1	159,163,314	159,533,068	3	0	3	1

Case 76	1	159,535,626	159,723,521	4	0	4	1
Case 76	1	159,723,619	162,455,562	3	0	3	1
Case 76	1	162,455,569	164,928,753	4	0	4	1
Case 76	1	164,932,033	165,182,355	3	0	3	1
Case 76	1	165,182,976	165,470,814	4	0	4	1
Case 76	1	165,471,314	165,685,082	3	0	3	1
Case 76	1	165,687,205	171,103,241	4	0	4	1
Case 76	1	171,103,607	171,300,908	3	0	3	1
Case 76	1	171,301,303	171,500,154	4	0	4	1
Case 76	1	171,501,752	171,839,720	3	0	3	1
Case 76	1	171,842,607	172,307,593	4	0	4	1
Case 76	1	172,312,769	172,435,851	3	0	3	1
Case 76	1	172,437,592	173,302,306	4	0	4	1
Case 76	1	173,302,838	173,886,216	3	0	3	1
Case 76	1	173,892,101	174,343,705	4	0	4	1
Case 76	1	174,363,257	174,363,257	1	1	2	0
Case 76	1	174,369,767	174,418,312	1	0	1	0
Case 76	1	174,419,672	174,668,661	0	0	0	0
Case 76	1	174,681,384	174,681,384	1	0	1	0
Case 76	1	174,709,679	174,709,679	2	0	2	1
Case 76	1	174,715,051	177,433,277	3	0	3	1
Case 76	1	177,434,054	177,841,895	4	0	4	1
Case 76	1	177,842,162	178,504,880	3	0	3	1
Case 76	1	178,506,594	180,885,290	4	0	4	1
Case 76	1	180,885,334	181,325,627	3	0	3	1
Case 76	1	181,329,186	181,753,030	4	0	4	1
Case 76	1	181,754,803	182,027,144	3	0	3	1
Case 76	1	182,039,442	182,301,508	4	0	4	1
Case 76	1	182,305,147	182,640,864	3	0	3	1
Case 76	1	182,642,857	183,079,691	4	0	4	1
Case 76	1	183,079,729	183,559,704	3	0	3	1
Case 76	1	183,561,560	184,067,280	4	0	4	1
Case 76	1	184,068,508	184,576,095	3	0	3	1
Case 76	1	184,577,317	185,959,552	4	0	4	1
Case 76	1	185,962,370	186,415,571	3	0	3	1
Case 76	1	186,418,600	190,624,011	4	0	4	1
Case 76	1	190,632,794	193,450,009	3	0	3	1
Case 76	1	193,451,373	197,071,654	4	0	4	1
Case 76	1	197,071,813	197,122,303	3	0	3	1
Case 76	1	197,123,043	200,545,187	4	0	4	1
Case 76	1	200,550,369	200,586,911	3	0	3	1
Case 76	1	200,587,506	200,869,239	4	0	4	1
Case 76	1	200,874,375	202,023,106	3	0	3	1
Case 76	1	202,027,170	202,273,729	4	0	4	1
Case 76	1	202,276,012	203,194,899	3	0	3	1
Case 76	1	203,194,935	203,314,594	4	0	4	1
Case 76	1	203,315,893	213,058,700	3	0	3	1
Case 76	1	213,064,209	222,897,664	2	0	2	1
Case 76	1	222,898,838	222,904,298	1	0	1	0
Case 76	1	222,908,446	223,003,498	0	0	0	0
Case 76	1	223,004,049	223,004,049	1	0	1	0
Case 76	1	223,022,931	233,520,775	2	0	2	1
Case 76	1	233,524,111	236,413,230	3	0	3	1
Case 76	1	236,416,732	238,979,813	2	2	4	0
Case 76	1	238,982,199	243,028,780	3	2	5	0
Case 76	1	243,032,812	243,538,108	3	1	4	0
Case 76	1	243,542,050	243,639,218	2	2	4	0
Case 76	1	243,641,420	245,250,548	3	2	5	0
Case 76	1	245,255,662	245,390,247	2	2	4	0
Case 76	1	245,400,227	245,572,552	3	2	5	0
Case 76	1	245,574,714	246,178,188	2	2	4	0

Case 76	1	246,181,070	247,586,336	3	2	5	0
Case 76	1	247,587,155	247,769,752	2	2	4	0
Case 76	1	247,769,768	247,910,283	3	2	5	0
Case 76	1	247,910,460	249,218,992	3	1	4	0
Case 76	2	18,674	38,227,561	2	1	3	0
Case 76	2	38,229,826	38,274,908	2	0	2	1
Case 76	2	38,277,832	48,809,498	2	1	3	0
Case 76	2	48,809,593	48,824,698	3	1	4	0
Case 76	2	48,827,497	49,381,533	2	1	3	0
Case 76	2	49,381,585	49,519,654	2	2	4	0
Case 76	2	49,522,163	75,072,923	2	1	3	0
Case 76	2	75,074,055	75,168,664	2	0	2	1
Case 76	2	75,170,336	76,281,624	2	1	3	0
Case 76	2	76,287,089	76,486,806	2	2	4	0
Case 76	2	76,488,564	79,508,503	2	1	3	0
Case 76	2	79,508,931	79,968,075	2	2	4	0
Case 76	2	79,968,873	81,614,001	2	1	3	0
Case 76	2	81,623,974	82,390,641	2	2	4	0
Case 76	2	82,396,211	92,081,640	2	1	3	0
Case 76	2	95,429,424	98,408,924	2	1	3	0
Case 76	2	98,409,398	98,461,802	2	0	2	1
Case 76	2	98,462,658	140,962,137	2	1	3	0
Case 76	2	140,966,549	141,348,712	1	1	2	0
Case 76	2	141,349,306	141,771,962	1	0	1	0
Case 76	2	141,777,554	141,810,244	2	1	3	0
Case 76	2	141,813,216	141,882,963	1	1	2	0
Case 76	2	141,888,035	141,897,042	2	0	2	1
Case 76	2	141,916,520	141,929,225	2	1	3	0
Case 76	2	141,932,472	142,032,671	1	0	1	0
Case 76	2	142,035,286	142,143,385	1	1	2	0
Case 76	2	142,148,511	153,193,698	2	1	3	0
Case 76	2	153,197,805	153,299,943	2	0	2	1
Case 76	2	153,315,366	196,374,552	2	1	3	0
Case 76	2	196,375,520	197,511,105	3	1	4	0
Case 76	2	197,521,487	198,097,758	2	1	3	0
Case 76	2	198,108,977	198,495,767	3	1	4	0
Case 76	2	198,497,512	199,139,675	2	1	3	0
Case 76	2	199,144,261	201,692,776	3	1	4	0
Case 76	2	201,718,139	202,025,621	2	1	3	0
Case 76	2	202,036,478	202,102,685	3	1	4	0
Case 76	2	202,111,380	212,281,381	3	0	3	1
Case 76	2	212,283,146	212,325,378	2	0	2	1
Case 76	2	212,327,353	213,233,739	3	0	3	1
Case 76	2	213,236,480	213,386,267	2	0	2	1
Case 76	2	213,387,389	215,513,430	3	0	3	1
Case 76	2	215,514,980	215,673,664	2	0	2	1
Case 76	2	215,677,308	243,048,760	3	0	3	1
Case 76	3	61,495	1,503,156	1	1	2	0
Case 76	3	1,503,929	1,722,181	1	0	1	0
Case 76	3	1,722,281	3,629,346	1	1	2	0
Case 76	3	3,632,942	3,689,371	1	0	1	0
Case 76	3	3,690,193	4,735,407	1	1	2	0
Case 76	3	4,738,774	4,742,030	1	0	1	0
Case 76	3	4,742,779	4,809,647	2	0	2	1
Case 76	3	4,809,969	21,008,710	1	1	2	0
Case 76	3	21,020,875	21,270,162	1	0	1	0
Case 76	3	21,270,688	41,266,655	1	1	2	0
Case 76	3	41,267,276	59,741,758	2	1	3	0
Case 76	3	59,749,703	59,990,805	2	0	2	1
Case 76	3	59,991,608	66,914,581	2	1	3	0
Case 76	3	66,914,689	67,061,960	1	1	2	0



Case 76	3	67,067,260	67,411,103	2	1	3	0
Case 76	3	67,411,166	67,476,165	2	0	2	1
Case 76	3	67,506,870	71,035,887	2	1	3	0
Case 76	3	71,036,994	71,298,422	2	0	2	1
Case 76	3	71,302,616	73,004,360	2	1	3	0
Case 76	3	73,006,396	73,052,765	1	0	1	0
Case 76	3	73,074,763	73,102,013	1	1	2	0
Case 76	3	73,102,725	77,026,968	2	1	3	0
Case 76	3	77,037,626	78,717,508	2	2	4	0
Case 76	3	78,717,699	79,405,038	2	1	3	0
Case 76	3	79,406,519	82,563,862	2	2	4	0
Case 76	3	82,564,293	84,377,718	2	1	3	0
Case 76	3	84,385,686	85,719,890	2	2	4	0
Case 76	3	85,720,888	85,884,150	2	1	3	0
Case 76	3	85,887,004	87,717,074	2	2	4	0
Case 76	3	87,717,989	88,354,232	2	1	3	0
Case 76	3	88,374,655	89,530,358	2	2	4	0
Case 76	3	89,530,956	89,686,064	2	1	3	0
Case 76	3	89,697,760	90,442,925	2	0	2	1
Case 76	3	93,537,290	116,017,931	2	0	2	1
Case 76	3	116,021,453	116,311,374	1	0	1	0
Case 76	3	116,311,891	116,337,995	0	0	0	0
Case 76	3	116,342,669	116,637,776	1	0	1	0
Case 76	3	116,647,795	135,926,622	2	0	2	1
Case 76	3	135,930,406	136,513,282	1	0	1	0
Case 76	3	136,525,518	141,979,191	2	0	2	1
Case 76	3	141,989,460	151,154,923	2	2	4	0
Case 76	3	151,155,090	151,283,646	2	1	3	0
Case 76	3	151,283,691	155,548,882	2	2	4	0
Case 76	3	155,551,990	156,700,416	2	1	3	0
Case 76	3	156,700,986	161,822,400	2	2	4	0
Case 76	3	161,823,150	163,241,032	2	1	3	0
Case 76	3	163,242,030	164,384,338	2	2	4	0
Case 76	3	164,391,365	164,919,377	2	1	3	0
Case 76	3	164,926,605	169,477,506	2	2	4	0
Case 76	3	169,480,204	169,713,483	2	1	3	0
Case 76	3	169,713,732	170,178,057	2	2	4	0
Case 76	3	170,179,335	170,201,230	2	1	3	0
Case 76	3	170,201,265	173,171,411	2	2	4	0
Case 76	3	173,172,596	173,460,541	2	1	3	0
Case 76	3	173,462,988	176,644,781	2	2	4	0
Case 76	3	176,647,139	176,908,832	2	1	3	0
Case 76	3	176,910,577	183,853,307	2	2	4	0
Case 76	3	183,854,503	184,086,969	2	1	3	0
Case 76	3	184,087,736	189,321,613	2	2	4	0
Case 76	3	189,323,685	189,366,763	2	1	3	0
Case 76	3	189,375,694	189,987,041	3	1	4	0
Case 76	3	189,994,349	190,079,780	2	1	3	0
Case 76	3	190,084,208	195,481,086	2	2	4	0
Case 76	3	195,481,111	195,516,730	2	1	3	0
Case 76	3	195,516,731	197,838,262	2	2	4	0
Case 76	4	71,566	292,369	1	0	1	0
Case 76	4	297,932	956,368	2	1	3	0
Case 76	4	956,707	985,092	2	0	2	1
Case 76	4	985,275	49,620,898	2	1	3	0
Case 76	4	52,697,856	53,871,388	2	1	3	0
Case 76	4	53,872,674	54,380,052	1	1	2	0
Case 76	4	54,381,345	60,627,772	2	1	3	0
Case 76	4	60,639,488	61,163,718	1	1	2	0
Case 76	4	61,170,648	63,887,305	2	1	3	0
Case 76	4	63,895,857	64,468,573	3	1	4	0

Case 76	4	64,474,350	65,305,086	2	1	3	0
Case 76	4	65,309,678	66,306,421	3	1	4	0
Case 76	4	66,308,481	66,322,437	2	1	3	0
Case 76	4	66,327,854	66,917,610	1	1	2	0
Case 76	4	66,923,059	68,499,985	2	1	3	0
Case 76	4	68,504,780	68,566,823	1	1	2	0
Case 76	4	68,591,252	81,967,779	2	1	3	0
Case 76	4	81,968,362	83,381,564	1	1	2	0
Case 76	4	83,403,563	86,222,977	2	1	3	0
Case 76	4	86,251,698	91,000,334	1	1	2	0
Case 76	4	91,025,850	91,069,888	1	0	1	0
Case 76	4	91,123,665	91,183,746	0	0	0	0
Case 76	4	91,185,206	91,203,145	1	0	1	0
Case 76	4	91,210,048	92,201,568	1	1	2	0
Case 76	4	92,207,543	92,405,232	1	0	1	0
Case 76	4	92,420,171	103,542,005	1	1	2	0
Case 76	4	103,542,201	103,730,849	1	0	1	0
Case 76	4	103,733,600	130,908,815	1	1	2	0
Case 76	4	130,912,560	131,003,046	2	1	3	0
Case 76	4	131,003,605	156,698,677	1	1	2	0
Case 76	4	156,699,636	156,825,203	2	1	3	0
Case 76	4	156,828,921	156,839,352	2	0	2	1
Case 76	4	156,839,953	182,048,692	2	1	3	0
Case 76	4	182,053,380	182,405,735	1	0	1	0
Case 76	4	182,407,529	182,438,604	1	1	2	0
Case 76	4	182,444,131	190,481,771	2	1	3	0
Case 76	4	190,522,201	190,963,766	1	1	2	0
Case 76	5	38,139	404,804	3	0	3	1
Case 76	5	407,230	1,120,954	2	1	3	0
Case 76	5	1,121,954	1,190,088	3	1	4	0
Case 76	5	1,190,440	2,229,014	2	1	3	0
Case 76	5	2,247,093	2,279,813	3	1	4	0
Case 76	5	2,279,866	2,420,992	2	1	3	0
Case 76	5	2,424,387	2,493,280	3	1	4	0
Case 76	5	2,494,273	2,755,932	2	1	3	0
Case 76	5	2,757,920	3,018,524	3	1	4	0
Case 76	5	3,019,005	3,770,600	2	1	3	0
Case 76	5	3,771,121	4,138,095	3	1	4	0
Case 76	5	4,140,796	5,074,825	2	1	3	0
Case 76	5	5,078,313	5,317,110	3	1	4	0
Case 76	5	5,317,882	5,602,673	2	1	3	0
Case 76	5	5,605,051	6,316,676	3	1	4	0
Case 76	5	6,317,260	6,820,833	2	1	3	0
Case 76	5	6,821,914	7,831,013	3	1	4	0
Case 76	5	7,831,806	7,930,866	2	1	3	0
Case 76	5	7,933,629	9,192,881	3	1	4	0
Case 76	5	9,193,406	9,536,983	2	1	3	0
Case 76	5	9,539,540	10,235,490	3	1	4	0
Case 76	5	10,236,641	10,771,228	2	1	3	0
Case 76	5	10,777,617	11,186,652	3	1	4	0
Case 76	5	11,190,998	11,349,674	2	1	3	0
Case 76	5	11,361,864	11,910,541	3	1	4	0
Case 76	5	11,913,471	12,675,698	2	1	3	0
Case 76	5	12,682,143	13,729,628	3	1	4	0
Case 76	5	13,735,892	14,010,420	2	1	3	0
Case 76	5	14,013,407	14,400,274	3	1	4	0
Case 76	5	14,402,871	14,508,484	2	1	3	0
Case 76	5	14,509,966	16,670,618	3	1	4	0
Case 76	5	16,670,954	16,701,800	2	1	3	0
Case 76	5	16,701,875	21,800,192	3	1	4	0
Case 76	5	21,802,280	22,219,836	2	1	3	0

Case 76	5	22,222,461	22,923,887	3	1	4	0
Case 76	5	22,941,669	24,261,955	2	1	3	0
Case 76	5	24,264,090	26,865,301	3	1	4	0
Case 76	5	26,865,656	27,058,850	2	1	3	0
Case 76	5	27,059,425	30,108,604	3	1	4	0
Case 76	5	30,113,024	46,399,093	2	1	3	0
Case 76	5	49,457,282	55,028,160	2	1	3	0
Case 76	5	55,029,596	58,902,233	1	1	2	0
Case 76	5	58,905,769	58,988,846	1	0	1	0
Case 76	5	59,001,077	133,997,171	1	1	2	0
Case 76	5	134,002,606	134,063,041	1	0	1	0
Case 76	5	134,074,481	138,652,744	1	1	2	0
Case 76	5	138,659,158	138,701,567	1	0	1	0
Case 76	5	138,707,916	139,931,613	1	1	2	0
Case 76	5	139,931,617	139,931,644	1	0	1	0
Case 76	5	139,931,646	170,818,427	1	1	2	0
Case 76	5	170,823,601	170,898,298	2	1	3	0
Case 76	5	170,899,404	180,511,976	1	1	2	0
Case 76	5	180,512,315	180,693,127	2	0	2	1
Case 76	6	108,666	1,997,212	2	1	3	0
Case 76	6	2,012,739	2,039,027	2	0	2	1
Case 76	6	2,048,584	2,059,110	1	0	1	0
Case 76	6	2,062,447	2,248,825	0	0	0	0
Case 76	6	2,276,503	2,293,020	1	0	1	0
Case 76	6	2,329,168	2,472,613	2	0	2	1
Case 76	6	2,474,874	5,737,122	2	1	3	0
Case 76	6	5,741,436	6,040,482	1	1	2	0
Case 76	6	6,047,249	31,218,327	2	1	3	0
Case 76	6	31,218,889	31,221,914	1	0	1	0
Case 76	6	31,230,701	37,879,556	2	1	3	0
Case 76	6	37,881,445	38,073,822	1	1	2	0
Case 76	6	38,084,405	58,752,089	2	1	3	0
Case 76	6	61,891,118	78,965,525	2	1	3	0
Case 76	6	78,972,930	79,029,367	1	0	1	0
Case 76	6	79,039,234	101,688,127	2	1	3	0
Case 76	6	101,710,737	102,058,891	1	0	1	0
Case 76	6	102,065,160	108,889,822	2	1	3	0
Case 76	6	108,902,649	109,069,491	2	0	2	1
Case 76	6	109,073,035	125,528,577	2	1	3	0
Case 76	6	125,528,974	125,585,976	3	1	4	0
Case 76	6	125,587,961	136,622,032	2	1	3	0
Case 76	6	136,645,817	136,709,598	1	1	2	0
Case 76	6	136,710,478	146,145,678	2	1	3	0
Case 76	6	146,204,066	146,406,294	2	0	2	1
Case 76	6	146,413,758	149,948,689	2	1	3	0
Case 76	6	149,953,931	150,132,092	2	0	2	1
Case 76	6	150,138,699	157,183,559	2	1	3	0
Case 76	6	157,188,134	157,444,914	2	0	2	1
Case 76	6	157,445,999	162,594,941	2	1	3	0
Case 76	6	162,597,463	162,850,909	2	0	2	1
Case 76	6	162,851,519	170,980,171	2	1	3	0
Case 76	7	44,935	1,153,502	2	1	3	0
Case 76	7	1,161,646	1,480,247	2	2	4	0
Case 76	7	1,480,252	2,111,580	2	1	3	0
Case 76	7	2,111,636	2,578,947	2	2	4	0
Case 76	7	2,579,181	2,652,630	2	1	3	0
Case 76	7	2,653,792	3,991,479	2	2	4	0
Case 76	7	3,991,493	4,277,374	2	1	3	0
Case 76	7	4,279,500	11,306,897	2	2	4	0
Case 76	7	11,313,841	11,349,438	2	0	2	1
Case 76	7	11,351,104	30,406,767	2	2	4	0

Case 76	7	30,407,445	30,494,824	2	1	3	0
Case 76	7	30,494,833	38,292,663	2	2	4	0
Case 76	7	38,297,145	38,364,289	3	2	5	0
Case 76	7	38,367,259	44,573,130	2	2	4	0
Case 76	7	44,574,135	44,617,748	2	1	3	0
Case 76	7	44,619,215	47,532,716	2	2	4	0
Case 76	7	47,537,679	47,565,504	2	1	3	0
Case 76	7	47,566,295	57,256,934	2	2	4	0
Case 76	7	57,269,842	57,423,944	2	1	3	0
Case 76	7	57,432,549	58,019,061	2	2	4	0
Case 76	7	61,056,053	69,546,617	2	2	4	0
Case 76	7	69,562,563	69,739,690	2	0	2	1
Case 76	7	69,741,327	70,161,221	1	0	1	0
Case 76	7	70,169,449	72,073,716	2	0	2	1
Case 76	7	72,074,150	72,305,671	2	2	4	0
Case 76	7	72,413,683	94,934,455	2	0	2	1
Case 76	7	94,934,573	94,940,879	3	0	3	1
Case 76	7	94,940,880	142,386,873	2	0	2	1
Case 76	7	142,389,219	142,493,129	3	0	3	1
Case 76	7	142,496,293	146,142,212	2	0	2	1
Case 76	7	146,168,418	146,245,753	1	0	1	0
Case 76	7	146,248,268	146,571,183	2	0	2	1
Case 76	7	146,575,177	146,831,849	1	0	1	0
Case 76	7	146,842,500	147,369,658	2	0	2	1
Case 76	7	147,370,955	147,549,713	1	0	1	0
Case 76	7	147,558,680	159,119,486	2	0	2	1
Case 76	8	164,984	43,791,691	1	1	2	0
Case 76	8	46,886,735	111,803,586	1	1	2	0
Case 76	8	111,811,966	115,839,310	2	1	3	0
Case 76	8	115,839,385	123,651,942	3	1	4	0
Case 76	8	123,657,902	123,990,781	2	1	3	0
Case 76	8	123,993,765	124,089,878	3	1	4	0
Case 76	8	124,094,998	124,241,342	2	1	3	0
Case 76	8	124,243,771	124,626,983	3	1	4	0
Case 76	8	124,630,352	124,927,711	2	1	3	0
Case 76	8	124,930,887	133,064,881	3	1	4	0
Case 76	8	133,065,379	133,183,642	2	1	3	0
Case 76	8	133,193,916	133,881,244	3	1	4	0
Case 76	8	133,882,026	134,263,453	2	1	3	0
Case 76	8	134,264,054	135,612,595	3	1	4	0
Case 76	8	135,612,745	135,649,769	2	1	3	0
Case 76	8	135,649,838	135,986,892	3	1	4	0
Case 76	8	136,005,077	140,925,766	2	1	3	0
Case 76	8	140,926,772	140,998,950	1	1	2	0
Case 76	8	141,004,455	146,293,414	2	1	3	0
Case 76	9	46,587	707,463	1	0	1	0
Case 76	9	710,818	712,856	2	0	2	1
Case 76	9	713,108	988,376	1	0	1	0
Case 76	9	990,076	1,000,520	1	1	2	0
Case 76	9	1,001,309	1,053,910	1	0	1	0
Case 76	9	1,054,991	1,056,887	1	1	2	0
Case 76	9	1,056,959	2,640,805	1	0	1	0
Case 76	9	2,643,175	2,645,016	1	1	2	0
Case 76	9	2,645,577	5,918,374	1	0	1	0
Case 76	9	5,919,734	5,920,886	1	1	2	0
Case 76	9	5,920,894	8,467,855	1	0	1	0
Case 76	9	8,468,567	8,486,299	1	1	2	0
Case 76	9	8,486,335	8,889,419	1	0	1	0
Case 76	9	8,890,725	9,804,718	0	0	0	0
Case 76	9	9,805,134	9,896,971	1	0	1	0
Case 76	9	9,898,870	10,000,931	0	0	0	0

Case 76	9	10,004,946	16,430,599	1	0	1	0
Case 76	9	16,432,118	16,480,296	2	0	2	1
Case 76	9	16,482,083	18,928,508	1	0	1	0
Case 76	9	18,928,525	18,930,880	1	1	2	0
Case 76	9	18,932,805	19,057,965	1	0	1	0
Case 76	9	19,058,204	19,063,081	1	1	2	0
Case 76	9	19,065,295	19,465,900	1	0	1	0
Case 76	9	19,468,530	19,516,335	2	0	2	1
Case 76	9	19,517,795	19,746,160	1	0	1	0
Case 76	9	19,751,159	19,801,918	2	0	2	1
Case 76	9	19,803,724	23,064,815	1	0	1	0
Case 76	9	23,073,339	23,074,432	0	0	0	0
Case 76	9	23,078,402	27,401,297	1	0	1	0
Case 76	9	27,402,961	27,473,099	1	1	2	0
Case 76	9	27,474,214	28,677,376	1	0	1	0
Case 76	9	28,680,131	28,759,983	0	0	0	0
Case 76	9	28,771,619	29,374,906	1	0	1	0
Case 76	9	29,393,359	29,536,618	0	0	0	0
Case 76	9	29,539,147	31,872,624	1	0	1	0
Case 76	9	31,873,011	31,873,011	2	0	2	1
Case 76	9	31,879,919	31,879,919	4	1	5	0
Case 76	9	31,892,857	32,255,125	7	0	7	1
Case 76	9	32,257,426	32,381,785	6	0	6	1
Case 76	9	32,381,910	32,381,910	2	1	3	0
Case 76	9	32,382,071	32,559,114	5	0	5	1
Case 76	9	32,569,145	33,204,104	6	0	6	1
Case 76	9	33,205,183	33,205,408	2	1	3	0
Case 76	9	33,206,375	33,761,112	5	0	5	1
Case 76	9	33,771,241	35,271,817	4	0	4	1
Case 76	9	35,289,544	46,944,322	1	1	2	0
Case 76	9	65,629,772	125,880,828	1	1	2	0
Case 76	9	125,880,929	125,932,187	1	0	1	0
Case 76	9	125,963,450	141,066,491	1	1	2	0
Case 76	10	98,087	5,043,846	2	0	2	1
Case 76	10	5,051,532	5,136,651	1	0	1	0
Case 76	10	5,136,654	39,097,912	2	0	2	1
Case 76	10	42,436,301	52,479,421	2	0	2	1
Case 76	10	52,484,993	52,751,151	3	0	3	1
Case 76	10	52,751,177	92,862,763	2	0	2	1
Case 76	10	92,867,818	92,934,593	3	0	3	1
Case 76	10	92,937,921	126,796,382	2	0	2	1
Case 76	10	126,798,920	129,899,578	2	2	4	0
Case 76	10	129,899,778	129,910,064	2	1	3	0
Case 76	10	129,910,252	134,021,870	2	2	4	0
Case 76	10	134,026,212	135,012,672	2	1	3	0
Case 76	10	135,013,923	135,083,881	2	2	4	0
Case 76	10	135,083,913	135,195,332	2	1	3	0
Case 76	10	135,197,419	135,340,548	2	2	4	0
Case 76	10	135,340,567	135,477,883	2	1	3	0
Case 76	11	193,146	16,615,280	2	0	2	1
Case 76	11	16,634,707	16,853,714	2	1	3	0
Case 76	11	16,858,229	48,058,313	2	0	2	1
Case 76	11	48,066,048	49,257,082	2	1	3	0
Case 76	11	49,280,857	51,591,253	2	0	2	1
Case 76	11	54,794,237	99,032,846	2	0	2	1
Case 76	11	99,033,861	99,418,620	1	0	1	0
Case 76	11	99,419,294	134,934,063	2	0	2	1
Case 76	12	191,619	25,314,094	2	0	2	1
Case 76	12	25,339,843	25,733,769	3	2	5	0
Case 76	12	25,734,249	25,736,929	2	2	4	0
Case 76	12	25,736,990	26,205,379	4	1	5	0

Case 76	12	26,205,948	26,277,652	2	2	4	0
Case 76	12	26,277,654	27,182,769	4	1	5	0
Case 76	12	27,199,180	30,253,766	2	2	4	0
Case 76	12	30,258,048	31,259,372	4	1	5	0
Case 76	12	31,266,287	32,713,919	6	1	7	0
Case 76	12	32,719,928	34,853,011	2	1	3	0
Case 76	12	37,876,400	61,885,106	2	1	3	0
Case 76	12	61,886,175	71,898,821	2	0	2	1
Case 76	12	71,904,790	71,978,443	2	1	3	0
Case 76	12	71,978,728	75,889,428	2	0	2	1
Case 76	12	75,892,632	75,902,185	4	0	4	1
Case 76	12	75,910,307	99,726,416	2	0	2	1
Case 76	12	99,726,603	100,063,310	1	0	1	0
Case 76	12	100,073,472	104,720,179	2	0	2	1
Case 76	12	104,730,846	104,813,555	2	2	4	0
Case 76	12	104,815,303	105,001,347	2	1	3	0
Case 76	12	105,001,738	106,576,969	2	2	4	0
Case 76	12	106,579,245	107,208,919	2	1	3	0
Case 76	12	107,209,021	107,951,106	2	2	4	0
Case 76	12	107,954,920	108,082,253	2	1	3	0
Case 76	12	108,086,351	108,685,691	2	2	4	0
Case 76	12	108,685,706	108,722,025	2	1	3	0
Case 76	12	108,724,296	108,900,137	2	2	4	0
Case 76	12	108,903,873	109,304,187	2	1	3	0
Case 76	12	109,305,521	109,519,188	2	2	4	0
Case 76	12	109,519,770	112,645,401	2	1	3	0
Case 76	12	112,647,772	113,285,551	2	2	4	0
Case 76	12	113,285,626	113,938,443	2	1	3	0
Case 76	12	113,945,818	114,050,965	2	2	4	0
Case 76	12	114,053,008	114,176,777	2	1	3	0
Case 76	12	114,177,890	114,274,347	2	2	4	0
Case 76	12	114,275,242	114,401,173	2	1	3	0
Case 76	12	114,401,696	114,854,996	2	2	4	0
Case 76	12	114,856,889	114,989,021	2	1	3	0
Case 76	12	114,992,168	115,042,797	2	2	4	0
Case 76	12	115,049,850	115,335,636	2	1	3	0
Case 76	12	115,344,085	115,436,197	2	2	4	0
Case 76	12	115,436,727	115,687,359	2	1	3	0
Case 76	12	115,689,433	116,393,666	2	2	4	0
Case 76	12	116,400,183	116,645,420	2	1	3	0
Case 76	12	116,718,953	117,443,591	2	2	4	0
Case 76	12	117,444,785	117,693,813	2	1	3	0
Case 76	12	117,693,817	118,015,205	2	2	4	0
Case 76	12	118,015,906	118,202,077	2	1	3	0
Case 76	12	118,202,925	118,533,413	2	2	4	0
Case 76	12	118,533,432	118,950,715	2	1	3	0
Case 76	12	118,951,810	119,629,032	2	2	4	0
Case 76	12	119,631,571	119,866,496	2	1	3	0
Case 76	12	119,866,533	120,104,992	2	2	4	0
Case 76	12	120,106,129	120,166,497	2	1	3	0
Case 76	12	120,171,995	120,266,130	2	2	4	0
Case 76	12	120,270,598	120,762,765	2	1	3	0
Case 76	12	120,762,837	120,802,018	2	2	4	0
Case 76	12	120,803,783	121,050,956	2	1	3	0
Case 76	12	121,051,285	121,147,612	2	2	4	0
Case 76	12	121,151,093	125,669,216	2	1	3	0
Case 76	12	125,681,761	125,785,550	2	0	2	1
Case 76	12	125,795,991	133,810,935	2	1	3	0
Case 76	13	19,058,717	20,632,554	3	2	5	0
Case 76	13	20,632,833	20,768,144	2	2	4	0
Case 76	13	20,769,712	21,483,113	3	2	5	0

Case 76	13	21,483,892	21,916,905	2	2	4	0
Case 76	13	21,917,902	22,385,730	3	2	5	0
Case 76	13	22,387,359	22,710,015	2	2	4	0
Case 76	13	22,712,282	24,831,455	3	2	5	0
Case 76	13	24,834,836	25,033,109	2	2	4	0
Case 76	13	25,033,198	25,240,623	3	2	5	0
Case 76	13	25,241,241	25,285,914	2	2	4	0
Case 76	13	25,287,214	25,724,658	3	2	5	0
Case 76	13	25,725,069	26,291,452	2	2	4	0
Case 76	13	26,293,129	26,619,547	3	2	5	0
Case 76	13	26,620,737	26,789,127	4	0	4	1
Case 76	13	26,789,231	26,789,432	2	0	2	1
Case 76	13	26,789,528	27,246,696	3	2	5	0
Case 76	13	27,249,774	27,545,444	2	2	4	0
Case 76	13	27,545,885	28,286,672	3	2	5	0
Case 76	13	28,293,086	28,428,972	2	2	4	0
Case 76	13	28,429,194	29,508,318	3	2	5	0
Case 76	13	29,515,875	29,749,568	2	2	4	0
Case 76	13	29,754,294	29,997,689	3	2	5	0
Case 76	13	30,000,621	30,135,331	2	2	4	0
Case 76	13	30,137,828	30,439,397	3	2	5	0
Case 76	13	30,442,786	30,534,749	2	2	4	0
Case 76	13	30,535,222	31,205,365	3	2	5	0
Case 76	13	31,205,536	31,698,294	2	2	4	0
Case 76	13	31,702,139	32,758,834	3	2	5	0
Case 76	13	32,759,240	32,870,906	2	2	4	0
Case 76	13	32,872,177	33,555,587	3	2	5	0
Case 76	13	33,557,255	33,730,226	2	2	4	0
Case 76	13	33,730,275	36,733,380	3	2	5	0
Case 76	13	36,736,953	37,010,294	2	2	4	0
Case 76	13	37,011,893	39,261,590	3	2	5	0
Case 76	13	39,261,786	39,266,540	2	2	4	0
Case 76	13	39,268,845	40,976,034	3	2	5	0
Case 76	13	40,977,028	41,383,515	2	2	4	0
Case 76	13	41,385,658	42,838,908	3	2	5	0
Case 76	13	42,847,434	42,877,758	3	0	3	1
Case 76	13	42,877,799	42,938,474	2	0	2	1
Case 76	13	42,942,263	43,551,645	3	0	3	1
Case 76	13	43,555,170	43,681,328	2	0	2	1
Case 76	13	43,681,427	44,115,099	3	0	3	1
Case 76	13	44,119,858	44,475,514	2	0	2	1
Case 76	13	44,475,821	44,981,909	3	0	3	1
Case 76	13	45,000,340	45,303,639	2	0	2	1
Case 76	13	45,303,711	45,572,614	3	0	3	1
Case 76	13	45,582,765	46,157,367	2	0	2	1
Case 76	13	46,158,199	47,274,727	3	0	3	1
Case 76	13	47,275,283	47,485,121	2	0	2	1
Case 76	13	47,485,570	48,446,136	3	0	3	1
Case 76	13	48,452,461	48,689,431	2	0	2	1
Case 76	13	48,693,997	48,824,387	3	0	3	1
Case 76	13	48,827,810	49,433,234	2	0	2	1
Case 76	13	49,434,437	49,540,727	3	0	3	1
Case 76	13	49,544,662	49,776,080	2	0	2	1
Case 76	13	49,781,232	49,933,907	3	0	3	1
Case 76	13	49,934,913	50,086,266	2	0	2	1
Case 76	13	50,088,133	50,158,142	3	0	3	1
Case 76	13	50,158,939	50,842,259	2	0	2	1
Case 76	13	50,846,748	51,245,376	3	0	3	1
Case 76	13	51,247,210	51,383,266	2	2	4	0
Case 76	13	51,385,422	52,379,994	3	2	5	0
Case 76	13	52,383,895	53,035,790	2	2	4	0

Case 76	13	53,035,899	76,357,830	3	2	5	0
Case 76	13	76,358,364	76,449,465	2	2	4	0
Case 76	13	76,450,101	82,983,494	3	2	5	0
Case 76	13	82,986,268	83,588,230	4	0	4	1
Case 76	13	83,593,140	84,677,135	3	0	3	1
Case 76	13	84,679,435	85,128,145	4	0	4	1
Case 76	13	85,133,674	86,444,121	3	0	3	1
Case 76	13	86,447,071	86,976,449	4	0	4	1
Case 76	13	86,982,353	88,512,587	3	0	3	1
Case 76	13	88,533,669	90,900,628	4	0	4	1
Case 76	13	90,900,914	91,029,702	3	0	3	1
Case 76	13	91,030,435	91,739,401	4	0	4	1
Case 76	13	91,740,377	92,372,552	3	0	3	1
Case 76	13	92,374,372	92,923,873	4	0	4	1
Case 76	13	92,926,044	94,139,382	3	0	3	1
Case 76	13	94,153,194	94,188,347	4	0	4	1
Case 76	13	94,189,352	94,617,077	3	0	3	1
Case 76	13	94,620,468	95,734,990	4	0	4	1
Case 76	13	95,735,502	95,853,574	3	0	3	1
Case 76	13	95,853,780	95,888,104	4	0	4	1
Case 76	13	95,888,277	95,962,578	3	0	3	1
Case 76	13	95,963,788	96,237,786	4	0	4	1
Case 76	13	96,238,288	97,203,935	3	0	3	1
Case 76	13	97,208,486	97,887,383	4	0	4	1
Case 76	13	97,891,187	98,304,614	3	0	3	1
Case 76	13	98,308,641	99,042,341	4	0	4	1
Case 76	13	99,042,720	100,022,758	3	0	3	1
Case 76	13	100,027,957	101,147,019	4	0	4	1
Case 76	13	101,151,134	101,940,873	3	0	3	1
Case 76	13	101,941,842	103,330,718	4	0	4	1
Case 76	13	103,338,230	103,528,119	3	0	3	1
Case 76	13	103,528,246	103,960,181	4	0	4	1
Case 76	13	103,967,824	104,370,742	3	0	3	1
Case 76	13	104,373,617	104,816,621	4	0	4	1
Case 76	13	104,818,367	107,085,023	3	0	3	1
Case 76	13	107,086,644	107,788,025	4	0	4	1
Case 76	13	107,788,872	107,939,161	3	0	3	1
Case 76	13	107,939,411	108,452,470	4	0	4	1
Case 76	13	108,454,595	113,582,130	3	0	3	1
Case 76	13	113,582,441	113,703,404	4	0	4	1
Case 76	13	113,703,442	115,103,529	3	0	3	1
Case 76	14	19,280,733	21,549,854	2	1	3	0
Case 76	14	21,549,893	21,571,385	1	1	2	0
Case 76	14	21,573,156	23,395,991	2	1	3	0
Case 76	14	23,397,336	45,606,301	1	1	2	0
Case 76	14	45,606,387	45,696,948	1	0	1	0
Case 76	14	45,699,237	53,162,133	1	1	2	0
Case 76	14	53,168,000	53,224,593	2	1	3	0
Case 76	14	53,235,651	91,896,534	1	1	2	0
Case 76	14	91,914,979	92,032,755	1	0	1	0
Case 76	14	92,032,789	93,651,992	1	1	2	0
Case 76	14	93,652,681	93,652,974	2	1	3	0
Case 76	14	93,656,583	107,287,663	1	1	2	0
Case 76	15	20,034,919	64,366,507	2	0	2	1
Case 76	15	64,367,745	64,367,745	1	0	1	0
Case 76	15	64,381,033	64,448,365	0	0	0	0
Case 76	15	64,448,986	64,607,472	1	0	1	0
Case 76	15	64,627,303	81,178,263	2	0	2	1
Case 76	15	81,179,553	87,117,255	5	0	5	1
Case 76	15	87,119,340	87,848,502	6	0	6	1
Case 76	15	87,857,559	87,857,559	2	1	3	0



Case 76	15	87,861,101	94,205,530	5	0	5	1
Case 76	15	94,211,856	96,343,835	6	0	6	1
Case 76	15	96,343,975	96,343,975	2	1	3	0
Case 76	15	96,345,844	97,521,010	5	0	5	1
Case 76	15	97,521,191	98,870,176	6	0	6	1
Case 76	15	98,870,293	98,870,293	2	1	3	0
Case 76	15	98,871,925	100,039,553	5	0	5	1
Case 76	15	100,044,888	100,267,863	6	0	6	1
Case 76	15	100,269,341	102,461,162	5	0	5	1
Case 76	16	88,165	5,611,414	2	0	2	1
Case 76	16	5,612,197	5,856,462	2	1	3	0
Case 76	16	5,862,420	6,456,057	2	0	2	1
Case 76	16	6,456,763	6,520,153	2	1	3	0
Case 76	16	6,523,142	6,557,003	1	1	2	0
Case 76	16	6,559,062	6,565,929	1	0	1	0
Case 76	16	6,567,747	6,575,210	1	1	2	0
Case 76	16	6,577,413	8,496,035	2	0	2	1
Case 76	16	8,499,511	9,436,278	2	1	3	0
Case 76	16	9,436,915	9,610,356	2	0	2	1
Case 76	16	9,615,769	9,721,637	2	1	3	0
Case 76	16	9,721,951	10,322,037	2	0	2	1
Case 76	16	10,324,147	12,826,445	2	1	3	0
Case 76	16	12,829,006	13,894,030	2	0	2	1
Case 76	16	13,894,417	14,430,442	2	1	3	0
Case 76	16	14,431,452	14,649,532	2	0	2	1
Case 76	16	14,652,839	17,879,988	2	1	3	0
Case 76	16	17,882,019	26,621,916	2	0	2	1
Case 76	16	26,639,714	26,758,407	2	1	3	0
Case 76	16	26,762,192	35,285,582	2	0	2	1
Case 76	16	46,450,037	47,684,460	2	0	2	1
Case 76	16	47,684,830	49,095,287	2	1	3	0
Case 76	16	49,100,699	49,371,873	2	0	2	1
Case 76	16	49,372,805	49,914,323	2	1	3	0
Case 76	16	49,916,322	50,388,719	2	0	2	1
Case 76	16	50,389,485	53,014,002	2	1	3	0
Case 76	16	53,016,064	53,331,053	2	0	2	1
Case 76	16	53,337,907	53,990,953	2	1	3	0
Case 76	16	53,998,930	54,108,698	2	0	2	1
Case 76	16	54,113,607	55,536,763	2	1	3	0
Case 76	16	55,536,779	55,704,042	2	0	2	1
Case 76	16	55,705,821	56,465,425	2	1	3	0
Case 76	16	56,469,011	56,944,955	2	0	2	1
Case 76	16	56,945,539	56,973,335	2	1	3	0
Case 76	16	56,973,461	57,071,166	2	0	2	1
Case 76	16	57,071,963	57,542,539	2	1	3	0
Case 76	16	57,543,173	57,552,141	2	0	2	1
Case 76	16	57,552,634	57,741,426	2	1	3	0
Case 76	16	57,741,527	58,293,780	2	0	2	1
Case 76	16	58,295,198	59,839,971	2	1	3	0
Case 76	16	59,854,720	60,125,785	2	0	2	1
Case 76	16	60,136,254	60,870,463	2	1	3	0
Case 76	16	60,870,593	60,964,630	2	0	2	1
Case 76	16	60,965,035	61,120,981	2	1	3	0
Case 76	16	61,123,147	62,428,009	2	0	2	1
Case 76	16	62,456,315	62,642,170	2	1	3	0
Case 76	16	62,642,333	64,221,018	2	0	2	1
Case 76	16	64,226,202	64,425,318	2	1	3	0
Case 76	16	64,434,561	64,823,372	2	0	2	1
Case 76	16	64,826,009	66,804,115	2	1	3	0
Case 76	16	66,805,034	66,919,454	2	0	2	1
Case 76	16	66,919,532	66,972,968	2	1	3	0

Case 76	16	66,973,170	68,191,796	2	0	2	1
Case 76	16	68,208,336	68,380,071	2	1	3	0
Case 76	16	68,380,118	70,843,909	2	0	2	1
Case 76	16	70,867,880	71,171,147	3	0	3	1
Case 76	16	71,174,886	90,274,695	2	0	2	1
Case 76	17	11,885	11,711,183	2	0	2	1
Case 76	17	11,712,491	11,833,287	1	0	1	0
Case 76	17	11,835,078	11,843,782	1	1	2	0
Case 76	17	11,845,741	11,941,483	1	0	1	0
Case 76	17	11,943,701	22,242,355	2	0	2	1
Case 76	17	25,268,142	25,295,032	2	0	2	1
Case 76	17	25,329,949	40,656,043	2	1	3	0
Case 76	17	40,658,657	40,757,489	1	1	2	0
Case 76	17	40,759,937	48,046,963	2	1	3	0
Case 76	17	48,047,109	48,149,445	3	1	4	0
Case 76	17	48,149,503	51,945,447	2	1	3	0
Case 76	17	51,975,256	52,646,414	2	0	2	1
Case 76	17	52,679,090	67,120,025	2	1	3	0
Case 76	17	67,121,109	67,153,386	1	0	1	0
Case 76	17	67,161,107	70,454,391	2	1	3	0
Case 76	17	70,460,351	70,522,932	1	1	2	0
Case 76	17	70,533,218	78,319,552	2	1	3	0
Case 76	17	78,319,718	78,338,303	2	0	2	1
Case 76	17	78,341,776	79,375,998	2	1	3	0
Case 76	17	79,380,547	79,433,106	2	0	2	1
Case 76	17	79,441,807	81,060,040	2	1	3	0
Case 76	18	87,505	1,134,695	2	0	2	1
Case 76	18	1,143,496	1,631,465	3	0	3	1
Case 76	18	1,635,748	3,171,473	4	0	4	1
Case 76	18	3,173,950	3,316,176	2	0	2	1
Case 76	18	3,319,380	3,746,791	1	0	1	0
Case 76	18	3,747,619	6,371,311	2	0	2	1
Case 76	18	6,376,918	6,468,735	4	0	4	1
Case 76	18	6,474,496	6,662,650	3	0	3	1
Case 76	18	6,666,204	7,697,053	4	0	4	1
Case 76	18	7,704,830	8,413,517	2	0	2	1
Case 76	18	8,413,996	8,602,839	1	0	1	0
Case 76	18	8,604,386	9,006,277	2	0	2	1
Case 76	18	9,009,311	9,092,233	2	2	4	0
Case 76	18	9,095,067	15,375,878	2	1	3	0
Case 76	18	18,520,354	19,954,143	2	1	3	0
Case 76	18	19,984,669	21,152,116	2	2	4	0
Case 76	18	21,153,416	22,209,970	4	1	5	0
Case 76	18	22,212,190	22,330,488	2	2	4	0
Case 76	18	22,330,670	22,653,562	4	1	5	0
Case 76	18	22,656,876	22,860,846	2	2	4	0
Case 76	18	22,861,794	22,994,310	2	1	3	0
Case 76	18	23,000,716	23,421,693	2	0	2	1
Case 76	18	23,423,078	23,453,098	2	1	3	0
Case 76	18	23,453,973	23,716,903	2	0	2	1
Case 76	18	23,724,560	24,471,991	2	1	3	0
Case 76	18	24,479,562	24,509,467	2	0	2	1
Case 76	18	24,509,993	25,016,255	2	1	3	0
Case 76	18	25,023,637	25,976,828	2	0	2	1
Case 76	18	25,978,719	28,722,039	2	2	4	0
Case 76	18	28,722,103	28,828,139	2	1	3	0
Case 76	18	28,832,838	28,989,486	2	2	4	0
Case 76	18	28,991,061	29,056,101	2	1	3	0
Case 76	18	29,056,115	29,463,735	2	2	4	0
Case 76	18	29,471,317	29,776,682	3	2	5	0
Case 76	18	29,778,090	30,488,989	3	1	4	0

Case 76	18	30,497,848	30,497,848	2	0	2	1
Case 76	18	30,498,621	31,284,008	3	2	5	0
Case 76	18	31,285,269	33,648,433	2	2	4	0
Case 76	18	33,648,719	33,747,114	3	2	5	0
Case 76	18	33,749,871	34,310,709	3	1	4	0
Case 76	18	34,311,643	34,705,747	2	1	3	0
Case 76	18	34,721,688	37,050,684	2	2	4	0
Case 76	18	37,069,312	37,426,339	2	1	3	0
Case 76	18	37,428,034	40,276,736	2	2	4	0
Case 76	18	40,281,222	40,543,077	2	1	3	0
Case 76	18	40,543,412	43,028,119	2	2	4	0
Case 76	18	43,028,130	43,224,125	2	1	3	0
Case 76	18	43,226,440	43,438,592	2	2	4	0
Case 76	18	43,438,605	43,562,102	2	1	3	0
Case 76	18	43,566,304	43,664,115	2	2	4	0
Case 76	18	43,666,424	43,878,311	2	1	3	0
Case 76	18	43,878,459	44,057,151	2	2	4	0
Case 76	18	44,057,673	44,206,952	2	1	3	0
Case 76	18	44,210,118	44,396,917	2	2	4	0
Case 76	18	44,397,488	44,561,110	2	1	3	0
Case 76	18	44,561,124	44,990,887	2	2	4	0
Case 76	18	44,990,971	45,157,181	2	1	3	0
Case 76	18	45,162,662	46,312,580	3	1	4	0
Case 76	18	46,312,868	46,749,155	2	2	4	0
Case 76	18	46,770,186	46,798,603	3	2	5	0
Case 76	18	46,801,497	47,230,431	3	1	4	0
Case 76	18	47,243,912	47,354,324	2	2	4	0
Case 76	18	47,358,751	47,502,338	2	1	3	0
Case 76	18	47,503,415	47,618,562	2	2	4	0
Case 76	18	47,626,136	47,635,466	2	1	3	0
Case 76	18	47,638,056	48,000,015	3	1	4	0
Case 76	18	48,001,632	48,218,823	2	2	4	0
Case 76	18	48,220,529	78,015,180	2	0	2	1
Case 76	19	260,912	288,374	1	0	1	0
Case 76	19	288,738	326,527	0	0	0	0
Case 76	19	327,182	327,920	1	0	1	0
Case 76	19	334,440	364,695	0	0	0	0
Case 76	19	366,451	375,835	1	0	1	0
Case 76	19	375,849	438,830	0	0	0	0
Case 76	19	440,874	446,887	1	0	1	0
Case 76	19	454,430	21,393,187	2	0	2	1
Case 76	19	21,419,141	21,976,964	2	2	4	0
Case 76	19	21,982,352	24,629,285	2	1	3	0
Case 76	19	27,732,159	27,919,724	2	1	3	0
Case 76	19	27,928,613	28,898,063	2	2	4	0
Case 76	19	28,898,556	29,023,710	2	1	3	0
Case 76	19	29,028,991	29,525,811	2	2	4	0
Case 76	19	29,526,586	29,678,680	2	1	3	0
Case 76	19	29,679,198	30,164,574	2	2	4	0
Case 76	19	30,164,754	30,620,082	2	1	3	0
Case 76	19	30,623,462	30,926,872	2	2	4	0
Case 76	19	30,928,637	31,178,994	2	1	3	0
Case 76	19	31,180,590	31,708,031	2	2	4	0
Case 76	19	31,715,766	31,812,172	2	1	3	0
Case 76	19	31,816,779	32,692,833	2	2	4	0
Case 76	19	32,707,538	33,119,742	2	1	3	0
Case 76	19	33,122,886	33,355,069	2	2	4	0
Case 76	19	33,355,112	33,493,852	2	1	3	0
Case 76	19	33,498,943	33,579,128	2	2	4	0
Case 76	19	33,579,157	33,713,928	2	1	3	0
Case 76	19	33,714,369	33,782,911	2	2	4	0

Case 76	19	33,789,128	33,878,884	2	1	3	0
Case 76	19	33,878,977	34,145,361	2	2	4	0
Case 76	19	34,150,760	34,985,466	2	1	3	0
Case 76	19	34,987,380	35,410,798	2	2	4	0
Case 76	19	35,416,794	36,834,184	2	1	3	0
Case 76	19	36,853,100	37,488,499	2	2	4	0
Case 76	19	37,490,376	40,199,948	2	1	3	0
Case 76	19	40,217,794	40,237,360	2	0	2	1
Case 76	19	40,240,034	40,316,422	2	2	4	0
Case 76	19	40,316,461	41,309,240	2	1	3	0
Case 76	19	41,310,571	41,508,744	2	2	4	0
Case 76	19	41,510,030	44,792,651	2	1	3	0
Case 76	19	44,792,701	45,107,156	2	2	4	0
Case 76	19	45,110,320	52,272,840	2	1	3	0
Case 76	19	52,273,257	52,851,985	2	2	4	0
Case 76	19	52,852,469	53,454,168	2	1	3	0
Case 76	19	53,454,237	54,294,482	2	2	4	0
Case 76	19	54,296,771	56,736,269	2	1	3	0
Case 76	19	56,741,186	57,027,720	2	2	4	0
Case 76	19	57,027,762	57,407,350	2	1	3	0
Case 76	19	57,409,367	57,642,782	2	2	4	0
Case 76	19	57,643,051	58,194,388	2	1	3	0
Case 76	19	58,194,405	59,097,160	2	2	4	0
Case 76	20	63,244	1,016,990	1	1	2	0
Case 76	20	1,018,057	1,039,999	2	1	3	0
Case 76	20	1,040,861	1,367,535	1	1	2	0
Case 76	20	1,369,430	1,485,913	2	1	3	0
Case 76	20	1,492,420	1,813,373	1	1	2	0
Case 76	20	1,815,620	1,925,837	2	1	3	0
Case 76	20	1,927,336	4,048,021	1	1	2	0
Case 76	20	4,049,804	4,430,901	2	1	3	0
Case 76	20	4,432,967	4,657,017	1	1	2	0
Case 76	20	4,665,262	4,759,039	2	1	3	0
Case 76	20	4,759,396	5,096,134	1	1	2	0
Case 76	20	5,099,636	5,466,940	2	1	3	0
Case 76	20	5,467,063	5,649,186	1	1	2	0
Case 76	20	5,649,902	5,727,600	2	1	3	0
Case 76	20	5,728,237	6,759,585	5	0	5	1
Case 76	20	6,760,201	9,462,537	6	0	6	1
Case 76	20	9,463,254	9,463,254	2	1	3	0
Case 76	20	9,467,046	13,866,024	5	0	5	1
Case 76	20	13,866,968	14,303,281	6	0	6	1
Case 76	20	14,306,361	14,306,773	2	1	3	0
Case 76	20	14,306,896	14,723,009	5	0	5	1
Case 76	20	14,724,600	14,847,907	4	0	4	1
Case 76	20	14,853,050	14,853,050	1	1	2	0
Case 76	20	14,858,910	15,007,064	1	0	1	0
Case 76	20	15,007,730	15,088,585	1	1	2	0
Case 76	20	15,096,705	15,109,608	1	0	1	0
Case 76	20	15,110,701	15,135,938	2	0	2	1
Case 76	20	15,139,048	15,472,381	5	0	5	1
Case 76	20	15,474,506	15,654,842	6	0	6	1
Case 76	20	15,655,604	15,655,604	2	1	3	0
Case 76	20	15,657,202	15,967,794	3	1	4	0
Case 76	20	15,967,795	15,967,795	2	0	2	1
Case 76	20	15,969,603	16,009,257	4	1	5	0
Case 76	20	16,014,926	26,293,985	5	0	5	1
Case 76	20	29,425,357	42,087,454	5	0	5	1
Case 76	20	42,088,552	42,383,192	4	0	4	1
Case 76	20	42,384,469	51,869,389	5	0	5	1
Case 76	20	51,870,106	51,881,039	4	0	4	1

Case 76	20	51,884,213	54,941,140	5	0	5	1
Case 76	20	54,941,161	55,041,457	4	0	4	1
Case 76	20	55,042,742	55,941,872	5	0	5	1
Case 76	20	55,944,679	56,190,060	4	0	4	1
Case 76	20	56,190,616	58,413,101	5	0	5	1
Case 76	20	58,416,428	58,502,648	6	0	6	1
Case 76	20	58,511,286	58,514,445	2	1	3	0
Case 76	20	58,514,466	59,822,993	5	0	5	1
Case 76	20	59,823,754	60,890,262	4	0	4	1
Case 76	20	60,890,375	61,186,388	5	0	5	1
Case 76	20	61,204,813	61,758,917	4	0	4	1
Case 76	20	61,759,067	62,595,990	5	0	5	1
Case 76	20	62,597,666	62,948,788	4	0	4	1
Case 76	21	10,827,533	10,971,337	1	1	2	0
Case 76	21	14,368,320	32,972,257	1	1	2	0
Case 76	21	32,975,321	33,073,663	1	0	1	0
Case 76	21	33,078,925	47,838,182	1	1	2	0
Case 76	21	47,841,899	48,100,155	2	0	2	1
Case 76	22	16,114,244	34,212,201	3	0	3	1
Case 76	22	34,212,294	34,212,294	2	1	3	0
Case 76	22	34,215,782	34,253,393	1	0	1	0
Case 76	22	34,257,133	34,263,325	2	0	2	1
Case 76	22	34,266,265	42,276,724	3	0	3	1
Case 76	22	42,276,742	42,611,265	2	0	2	1
Case 76	22	42,612,297	47,038,081	3	0	3	1
Case 76	22	47,056,556	51,195,728	2	0	2	1
Case 77	1	82,154	16,359,717	2	1	3	0
Case 77	1	16,367,339	16,382,201	3	1	4	0
Case 77	1	16,382,916	87,062,201	2	1	3	0
Case 77	1	87,085,266	87,259,306	3	1	4	0
Case 77	1	87,277,974	89,246,897	2	1	3	0
Case 77	1	89,257,378	89,257,378	3	2	5	0
Case 77	1	89,265,248	89,299,123	7	0	7	1
Case 77	1	89,302,955	89,302,955	4	1	5	0
Case 77	1	89,306,817	89,306,817	2	0	2	1
Case 77	1	89,317,150	121,346,616	2	1	3	0
Case 77	1	142,649,718	146,786,080	2	1	3	0
Case 77	1	146,791,729	147,241,723	3	1	4	0
Case 77	1	147,244,441	151,263,315	2	1	3	0
Case 77	1	151,263,397	151,357,333	3	1	4	0
Case 77	1	151,371,305	156,845,431	2	1	3	0
Case 77	1	156,845,892	157,276,277	3	1	4	0
Case 77	1	157,276,464	157,891,709	2	1	3	0
Case 77	1	157,907,476	157,977,753	3	1	4	0
Case 77	1	157,982,579	158,916,918	2	1	3	0
Case 77	1	158,918,264	159,723,619	3	1	4	0
Case 77	1	159,726,123	160,817,834	2	1	3	0
Case 77	1	160,823,363	161,068,428	3	1	4	0
Case 77	1	161,068,441	161,647,270	2	1	3	0
Case 77	1	161,653,708	164,419,479	3	1	4	0
Case 77	1	164,421,385	164,594,891	2	1	3	0
Case 77	1	164,595,489	165,020,001	3	1	4	0
Case 77	1	165,025,758	165,133,691	2	1	3	0
Case 77	1	165,135,937	165,502,862	3	1	4	0
Case 77	1	165,504,912	166,087,578	2	1	3	0
Case 77	1	166,090,139	167,618,170	3	1	4	0
Case 77	1	167,620,474	168,205,991	2	1	3	0
Case 77	1	168,211,282	169,113,282	3	1	4	0
Case 77	1	169,115,833	170,129,827	2	1	3	0
Case 77	1	170,131,293	170,959,067	3	1	4	0
Case 77	1	170,959,137	171,173,160	2	1	3	0

Case 77	1	171,173,242	171,501,752	3	1	4	0
Case 77	1	171,504,600	171,608,466	2	1	3	0
Case 77	1	171,612,267	172,175,115	3	1	4	0
Case 77	1	172,180,396	172,852,118	2	1	3	0
Case 77	1	172,852,403	182,993,159	3	1	4	0
Case 77	1	183,018,062	204,438,643	2	1	3	0
Case 77	1	204,438,708	207,418,996	2	0	2	1
Case 77	1	207,440,851	207,512,742	3	0	3	1
Case 77	1	207,524,541	226,292,385	2	0	2	1
Case 77	1	226,292,585	228,399,519	2	1	3	0
Case 77	1	228,399,551	228,465,346	2	0	2	1
Case 77	1	228,465,370	228,465,516	2	1	3	0
Case 77	1	228,465,550	228,487,853	3	0	3	1
Case 77	1	228,491,633	228,805,855	2	0	2	1
Case 77	1	228,818,506	234,909,298	2	1	3	0
Case 77	1	234,956,342	235,001,591	3	1	4	0
Case 77	1	235,007,056	235,069,505	4	0	4	1
Case 77	1	235,072,837	235,290,922	3	0	3	1
Case 77	1	235,294,115	235,505,621	2	0	2	1
Case 77	1	235,505,849	247,150,582	2	1	3	0
Case 77	1	247,150,739	247,207,285	2	0	2	1
Case 77	1	247,226,344	249,218,992	2	1	3	0
Case 77	2	18,674	20,233,014	2	1	3	0
Case 77	2	20,233,135	20,449,068	3	1	4	0
Case 77	2	20,449,174	42,164,215	2	1	3	0
Case 77	2	42,165,462	42,165,462	2	2	4	0
Case 77	2	42,171,309	42,214,495	5	1	6	0
Case 77	2	42,227,952	42,301,771	2	2	4	0
Case 77	2	42,306,071	42,372,986	5	1	6	0
Case 77	2	42,373,747	42,398,473	2	2	4	0
Case 77	2	42,398,918	46,590,791	3	1	4	0
Case 77	2	46,591,498	46,851,025	2	1	3	0
Case 77	2	46,852,033	51,643,185	3	1	4	0
Case 77	2	51,643,322	52,264,050	2	1	3	0
Case 77	2	52,264,332	58,765,789	3	1	4	0
Case 77	2	58,767,826	92,081,640	2	1	3	0
Case 77	2	95,429,424	169,511,104	2	1	3	0
Case 77	2	169,516,830	173,117,510	1	1	2	0
Case 77	2	173,118,509	173,338,939	2	1	3	0
Case 77	2	173,339,808	179,393,898	1	1	2	0
Case 77	2	179,394,776	179,400,130	3	0	3	1
Case 77	2	179,400,895	179,427,560	2	0	2	1
Case 77	2	179,427,580	179,455,631	2	1	3	0
Case 77	2	179,455,731	242,738,488	1	1	2	0
Case 77	2	242,741,222	242,743,532	3	0	3	1
Case 77	2	242,743,943	242,873,800	2	1	3	0
Case 77	2	242,917,734	243,048,760	1	1	2	0
Case 77	3	61,495	10,138,189	2	1	3	0
Case 77	3	10,140,115	10,168,785	3	1	4	0
Case 77	3	10,169,819	22,033,071	2	1	3	0
Case 77	3	22,037,999	59,788,967	1	1	2	0
Case 77	3	59,789,058	59,789,058	3	0	3	1
Case 77	3	59,789,614	59,810,867	2	0	2	1
Case 77	3	59,811,462	59,933,791	1	0	1	0
Case 77	3	59,935,451	59,981,976	2	0	2	1
Case 77	3	59,982,040	60,040,105	1	0	1	0
Case 77	3	60,047,076	60,069,828	2	0	2	1
Case 77	3	60,070,931	60,086,281	2	1	3	0
Case 77	3	60,087,817	64,072,872	1	1	2	0
Case 77	3	64,074,794	64,074,794	3	0	3	1
Case 77	3	64,078,009	64,120,052	2	0	2	1

Case 77	3	64,121,290	64,160,232	1	0	1	0
Case 77	3	64,161,259	64,272,923	2	0	2	1
Case 77	3	64,274,183	64,274,183	2	1	3	0
Case 77	3	64,274,574	64,277,472	2	0	2	1
Case 77	3	64,279,458	90,442,925	1	1	2	0
Case 77	3	93,537,290	193,426,056	1	1	2	0
Case 77	3	193,427,781	193,444,413	3	0	3	1
Case 77	3	193,449,406	193,449,406	2	1	3	0
Case 77	3	193,451,757	193,455,574	3	1	4	0
Case 77	3	193,464,213	193,801,183	2	1	3	0
Case 77	3	193,806,588	197,838,262	1	1	2	0
Case 77	4	71,566	15,724,520	2	0	2	1
Case 77	4	15,725,766	16,105,431	3	0	3	1
Case 77	4	16,107,125	23,730,887	2	0	2	1
Case 77	4	23,732,218	23,863,873	3	0	3	1
Case 77	4	23,864,412	24,064,404	2	0	2	1
Case 77	4	24,067,146	24,143,686	3	0	3	1
Case 77	4	24,144,512	24,992,827	2	0	2	1
Case 77	4	24,994,457	25,107,115	3	0	3	1
Case 77	4	25,113,048	25,705,912	2	0	2	1
Case 77	4	25,707,422	25,707,422	3	0	3	1
Case 77	4	25,717,754	25,734,246	0	0	0	0
Case 77	4	25,740,206	38,402,111	2	0	2	1
Case 77	4	38,404,964	38,690,647	3	0	3	1
Case 77	4	38,690,677	49,620,898	2	0	2	1
Case 77	4	52,697,856	54,393,115	2	0	2	1
Case 77	4	54,394,093	54,517,724	3	0	3	1
Case 77	4	54,524,939	55,604,940	2	0	2	1
Case 77	4	55,606,427	56,030,182	3	0	3	1
Case 77	4	56,038,620	75,667,398	2	0	2	1
Case 77	4	75,668,334	76,137,551	3	0	3	1
Case 77	4	76,138,373	78,098,806	2	0	2	1
Case 77	4	78,103,458	78,513,987	3	0	3	1
Case 77	4	78,521,525	79,048,490	2	0	2	1
Case 77	4	79,052,851	79,229,302	3	0	3	1
Case 77	4	79,229,609	90,171,147	2	0	2	1
Case 77	4	90,171,162	90,373,435	3	0	3	1
Case 77	4	90,374,397	119,875,492	2	0	2	1
Case 77	4	119,877,794	119,956,411	3	0	3	1
Case 77	4	119,962,741	144,920,596	2	0	2	1
Case 77	4	144,945,108	144,950,193	4	0	4	1
Case 77	4	144,965,891	145,035,868	4	1	5	0
Case 77	4	145,040,841	153,938,095	2	0	2	1
Case 77	4	153,940,203	154,020,068	3	0	3	1
Case 77	4	154,022,065	185,173,993	2	0	2	1
Case 77	4	185,175,421	185,400,748	3	0	3	1
Case 77	4	185,406,285	187,538,224	2	0	2	1
Case 77	4	187,538,239	187,549,809	3	0	3	1
Case 77	4	187,549,883	190,963,766	2	0	2	1
Case 77	5	38,139	850,518	2	0	2	1
Case 77	5	850,668	996,696	3	0	3	1
Case 77	5	999,338	1,089,099	2	0	2	1
Case 77	5	1,090,534	10,236,927	3	0	3	1
Case 77	5	10,239,233	10,450,062	2	0	2	1
Case 77	5	10,450,107	12,394,645	3	0	3	1
Case 77	5	12,401,130	12,698,832	2	0	2	1
Case 77	5	12,710,981	19,488,982	3	0	3	1
Case 77	5	19,490,899	19,871,092	2	0	2	1
Case 77	5	19,872,234	26,885,795	3	0	3	1
Case 77	5	26,885,797	26,961,843	2	0	2	1
Case 77	5	26,965,781	28,292,827	3	0	3	1

Case 77	5	28,295,497	28,713,125	2	0	2	1
Case 77	5	28,719,681	37,061,067	3	0	3	1
Case 77	5	37,107,263	37,567,851	2	0	2	1
Case 77	5	37,585,849	38,765,637	3	0	3	1
Case 77	5	38,770,162	39,315,745	2	0	2	1
Case 77	5	39,315,912	41,038,854	3	0	3	1
Case 77	5	41,038,870	42,719,092	2	0	2	1
Case 77	5	42,719,239	43,161,568	3	0	3	1
Case 77	5	43,164,060	43,388,500	2	0	2	1
Case 77	5	43,394,778	43,462,210	4	0	4	1
Case 77	5	43,480,111	43,490,142	3	0	3	1
Case 77	5	43,492,396	46,399,093	2	0	2	1
Case 77	5	49,457,282	70,307,464	2	0	2	1
Case 77	5	70,308,262	73,045,761	3	0	3	1
Case 77	5	73,046,715	73,048,932	2	0	2	1
Case 77	5	73,052,741	73,153,949	1	0	1	0
Case 77	5	73,153,979	73,153,979	2	0	2	1
Case 77	5	73,159,098	95,539,448	3	0	3	1
Case 77	5	95,540,189	95,548,515	4	0	4	1
Case 77	5	95,554,891	95,827,499	5	0	5	1
Case 77	5	95,836,300	95,976,611	4	0	4	1
Case 77	5	95,977,079	112,851,022	3	0	3	1
Case 77	5	112,853,189	112,963,488	2	0	2	1
Case 77	5	112,965,145	176,691,279	3	0	3	1
Case 77	5	176,700,885	176,886,119	4	0	4	1
Case 77	5	176,886,179	180,693,127	3	0	3	1
Case 77	6	108,666	1,775,436	3	0	3	1
Case 77	6	1,775,863	2,190,846	2	0	2	1
Case 77	6	2,199,634	6,882,117	3	0	3	1
Case 77	6	6,883,618	12,709,009	2	2	4	0
Case 77	6	12,712,516	13,078,644	2	1	3	0
Case 77	6	13,097,658	13,921,016	3	1	4	0
Case 77	6	13,923,976	29,142,317	2	1	3	0
Case 77	6	29,142,476	29,256,420	3	1	4	0
Case 77	6	29,257,772	31,070,664	2	1	3	0
Case 77	6	31,071,645	31,080,859	3	1	4	0
Case 77	6	31,080,899	31,337,633	2	1	3	0
Case 77	6	31,338,528	31,341,357	0	0	0	0
Case 77	6	31,342,484	31,342,484	2	0	2	1
Case 77	6	31,342,631	32,288,089	2	1	3	0
Case 77	6	32,288,190	32,336,766	3	1	4	0
Case 77	6	32,337,630	43,936,789	2	1	3	0
Case 77	6	43,937,518	43,990,199	3	1	4	0
Case 77	6	43,992,587	44,946,463	2	1	3	0
Case 77	6	44,946,506	46,000,258	3	1	4	0
Case 77	6	46,007,845	51,102,772	2	1	3	0
Case 77	6	51,113,582	51,637,536	3	1	4	0
Case 77	6	51,637,561	56,569,104	2	1	3	0
Case 77	6	56,598,426	56,843,294	3	1	4	0
Case 77	6	56,846,621	58,752,089	2	1	3	0
Case 77	6	61,891,118	62,042,253	2	1	3	0
Case 77	6	62,059,718	65,765,856	3	1	4	0
Case 77	6	65,765,963	66,258,778	2	1	3	0
Case 77	6	66,259,508	66,891,318	3	1	4	0
Case 77	6	66,891,536	68,542,695	2	1	3	0
Case 77	6	68,545,861	69,540,950	3	1	4	0
Case 77	6	69,541,114	71,234,919	2	1	3	0
Case 77	6	71,234,960	73,951,780	3	1	4	0
Case 77	6	73,951,808	74,270,574	2	1	3	0
Case 77	6	74,275,405	75,851,829	3	1	4	0
Case 77	6	75,852,488	76,125,691	2	1	3	0



Case 77	6	76,127,504	77,266,188	3	1	4	0
Case 77	6	77,268,990	78,125,662	2	1	3	0
Case 77	6	78,127,675	79,856,630	3	1	4	0
Case 77	6	79,859,877	80,383,448	2	1	3	0
Case 77	6	80,389,433	80,715,838	3	1	4	0
Case 77	6	80,717,615	81,341,175	2	1	3	0
Case 77	6	81,342,885	83,679,599	3	1	4	0
Case 77	6	83,698,770	83,911,334	2	1	3	0
Case 77	6	83,915,414	90,333,161	3	1	4	0
Case 77	6	90,333,624	90,463,872	2	1	3	0
Case 77	6	90,463,873	91,682,316	3	1	4	0
Case 77	6	91,683,972	91,683,972	2	1	3	0
Case 77	6	91,695,600	91,725,260	2	0	2	1
Case 77	6	91,728,217	91,751,775	2	1	3	0
Case 77	6	91,752,473	101,598,363	3	1	4	0
Case 77	6	101,599,744	125,011,951	2	1	3	0
Case 77	6	125,016,471	132,598,642	3	1	4	0
Case 77	6	132,603,042	147,816,995	2	1	3	0
Case 77	6	147,819,598	147,958,767	2	0	2	1
Case 77	6	147,968,492	170,980,171	2	1	3	0
Case 77	7	44,935	10,368,887	2	1	3	0
Case 77	7	10,383,334	16,591,748	2	0	2	1
Case 77	7	16,592,915	16,707,747	3	0	3	1
Case 77	7	16,708,028	17,566,664	2	0	2	1
Case 77	7	17,566,678	17,743,719	3	0	3	1
Case 77	7	17,746,628	20,886,887	2	0	2	1
Case 77	7	20,896,062	21,179,706	3	0	3	1
Case 77	7	21,181,503	21,372,342	2	0	2	1
Case 77	7	21,373,772	21,504,427	3	0	3	1
Case 77	7	21,509,745	22,344,911	2	0	2	1
Case 77	7	22,346,329	22,517,858	3	0	3	1
Case 77	7	22,517,994	25,533,563	2	0	2	1
Case 77	7	25,540,744	25,876,612	3	0	3	1
Case 77	7	25,887,278	26,522,004	2	0	2	1
Case 77	7	26,526,960	26,638,405	3	0	3	1
Case 77	7	26,639,622	28,338,080	2	0	2	1
Case 77	7	28,340,850	29,257,612	3	0	3	1
Case 77	7	29,260,018	29,575,822	2	0	2	1
Case 77	7	29,577,572	29,641,278	3	0	3	1
Case 77	7	29,641,468	30,795,146	2	0	2	1
Case 77	7	30,795,273	30,921,965	3	0	3	1
Case 77	7	30,922,569	34,734,251	2	0	2	1
Case 77	7	34,742,051	35,646,526	3	0	3	1
Case 77	7	35,650,563	37,626,839	2	0	2	1
Case 77	7	37,663,495	38,292,663	2	1	3	0
Case 77	7	38,297,145	38,362,957	3	1	4	0
Case 77	7	38,363,748	58,007,774	2	1	3	0
Case 77	7	58,019,061	58,019,061	2	0	2	1
Case 77	7	61,056,053	62,113,011	2	0	2	1
Case 77	7	62,140,786	62,413,547	1	0	1	0
Case 77	7	62,437,581	62,458,262	2	0	2	1
Case 77	7	62,479,327	89,060,931	2	1	3	0
Case 77	7	89,061,690	89,459,030	3	1	4	0
Case 77	7	89,460,928	100,675,367	2	1	3	0
Case 77	7	100,675,376	100,685,691	2	0	2	1
Case 77	7	100,685,709	159,119,486	2	1	3	0
Case 77	8	164,984	193,756	2	0	2	1
Case 77	8	195,254	198,770	1	0	1	0
Case 77	8	198,839	16,337,635	2	0	2	1
Case 77	8	16,339,528	17,179,998	1	0	1	0
Case 77	8	17,181,772	17,542,024	2	0	2	1

Case 77	8	17,542,215	17,585,129	1	0	1	0
Case 77	8	17,586,321	17,639,313	2	0	2	1
Case 77	8	17,643,685	17,924,735	1	0	1	0
Case 77	8	17,924,739	17,953,439	2	0	2	1
Case 77	8	17,953,808	18,077,214	1	0	1	0
Case 77	8	18,077,310	18,080,060	2	0	2	1
Case 77	8	18,080,115	18,665,836	1	0	1	0
Case 77	8	18,666,286	18,730,036	2	0	2	1
Case 77	8	18,730,581	18,926,827	1	0	1	0
Case 77	8	18,926,977	19,419,494	2	0	2	1
Case 77	8	19,429,049	19,600,329	1	0	1	0
Case 77	8	19,601,520	19,626,356	2	0	2	1
Case 77	8	19,626,439	19,997,540	1	0	1	0
Case 77	8	20,001,454	20,038,418	2	0	2	1
Case 77	8	20,038,445	20,110,915	1	0	1	0
Case 77	8	20,112,355	21,051,235	2	0	2	1
Case 77	8	21,053,295	21,298,827	1	0	1	0
Case 77	8	21,299,092	21,733,768	2	0	2	1
Case 77	8	21,734,560	21,903,316	1	0	1	0
Case 77	8	21,904,212	21,964,944	2	0	2	1
Case 77	8	21,965,061	22,458,761	1	0	1	0
Case 77	8	22,459,488	22,687,572	2	0	2	1
Case 77	8	22,697,090	22,972,245	1	0	1	0
Case 77	8	22,972,282	23,054,779	2	0	2	1
Case 77	8	23,055,729	23,104,413	1	0	1	0
Case 77	8	23,104,612	23,240,061	2	0	2	1
Case 77	8	23,240,389	23,365,884	1	0	1	0
Case 77	8	23,367,757	23,477,981	2	0	2	1
Case 77	8	23,478,587	23,610,799	1	0	1	0
Case 77	8	23,612,956	23,732,888	2	0	2	1
Case 77	8	23,742,960	24,533,193	1	0	1	0
Case 77	8	24,536,448	25,325,757	2	0	2	1
Case 77	8	25,326,140	25,371,087	1	0	1	0
Case 77	8	25,374,910	25,657,921	2	0	2	1
Case 77	8	25,660,392	25,812,834	1	0	1	0
Case 77	8	25,814,150	26,001,404	2	0	2	1
Case 77	8	26,002,358	26,340,833	1	0	1	0
Case 77	8	26,343,095	26,635,744	2	0	2	1
Case 77	8	26,638,910	27,040,155	1	0	1	0
Case 77	8	27,050,300	27,534,727	2	0	2	1
Case 77	8	27,539,370	27,711,673	1	0	1	0
Case 77	8	27,715,116	28,291,883	2	0	2	1
Case 77	8	28,296,171	29,206,126	1	0	1	0
Case 77	8	29,207,714	29,469,606	2	0	2	1
Case 77	8	29,470,596	32,615,098	1	0	1	0
Case 77	8	32,617,714	32,803,573	2	0	2	1
Case 77	8	32,819,720	33,243,343	1	0	1	0
Case 77	8	33,246,504	33,713,343	2	0	2	1
Case 77	8	33,713,451	36,615,252	1	0	1	0
Case 77	8	36,621,588	38,006,197	2	0	2	1
Case 77	8	38,013,848	38,260,136	1	0	1	0
Case 77	8	38,260,815	38,834,076	2	0	2	1
Case 77	8	38,835,269	39,834,819	1	0	1	0
Case 77	8	39,835,582	39,901,373	2	0	2	1
Case 77	8	39,901,761	40,138,358	1	0	1	0
Case 77	8	40,146,549	43,791,691	2	0	2	1
Case 77	8	46,886,735	46,942,842	4	0	4	1
Case 77	8	46,944,913	48,625,376	5	0	5	1
Case 77	8	48,626,132	49,695,775	4	0	4	1
Case 77	8	49,718,452	51,772,697	5	0	5	1
Case 77	8	51,780,761	60,062,861	4	0	4	1

Case 77	8	60,063,190	70,976,756	3	0	3	1
Case 77	8	70,979,433	75,494,355	4	0	4	1
Case 77	8	75,513,134	75,584,319	6	0	6	1
Case 77	8	75,599,357	75,614,614	5	0	5	1
Case 77	8	75,616,710	127,718,806	4	0	4	1
Case 77	8	127,719,548	127,866,125	5	0	5	1
Case 77	8	127,868,163	128,482,642	6	0	6	1
Case 77	8	128,483,096	132,074,410	5	0	5	1
Case 77	8	132,074,886	133,029,897	6	0	6	1
Case 77	8	133,031,047	133,194,780	5	0	5	1
Case 77	8	133,202,844	133,402,654	6	0	6	1
Case 77	8	133,404,011	135,752,635	5	0	5	1
Case 77	8	135,755,248	135,907,056	6	0	6	1
Case 77	8	135,908,515	136,817,274	5	0	5	1
Case 77	8	136,822,043	138,769,669	6	0	6	1
Case 77	8	138,771,147	144,919,852	5	0	5	1
Case 77	8	144,919,856	144,943,223	4	0	4	1
Case 77	8	144,943,389	144,990,840	5	0	5	1
Case 77	8	144,990,878	145,159,099	4	0	4	1
Case 77	8	145,160,646	146,293,414	5	0	5	1
Case 77	9	46,587	33,167,141	2	2	4	0
Case 77	9	33,173,556	33,318,937	3	1	4	0
Case 77	9	33,318,975	33,328,812	2	2	4	0
Case 77	9	33,343,397	33,351,709	2	1	3	0
Case 77	9	33,351,730	33,700,901	2	2	4	0
Case 77	9	33,702,339	34,107,504	2	1	3	0
Case 77	9	34,107,505	34,572,767	2	2	4	0
Case 77	9	34,572,815	34,759,890	2	1	3	0
Case 77	9	34,768,441	35,735,145	2	2	4	0
Case 77	9	35,735,173	35,918,778	2	1	3	0
Case 77	9	35,920,856	39,004,140	2	2	4	0
Case 77	9	39,076,028	46,944,322	2	1	3	0
Case 77	9	65,629,772	71,138,802	2	1	3	0
Case 77	9	71,144,546	71,156,380	3	0	3	1
Case 77	9	71,163,720	72,519,172	4	0	4	1
Case 77	9	72,520,270	73,101,159	3	0	3	1
Case 77	9	73,102,824	74,279,487	4	0	4	1
Case 77	9	74,281,371	74,600,517	3	0	3	1
Case 77	9	74,602,933	74,952,524	4	0	4	1
Case 77	9	74,956,781	75,538,302	3	0	3	1
Case 77	9	75,538,725	76,935,726	4	0	4	1
Case 77	9	76,936,998	80,046,326	3	0	3	1
Case 77	9	80,046,340	81,497,316	4	0	4	1
Case 77	9	81,497,488	84,686,091	3	0	3	1
Case 77	9	84,697,395	86,185,455	4	0	4	1
Case 77	9	86,191,111	86,696,749	3	0	3	1
Case 77	9	86,700,593	86,886,897	4	0	4	1
Case 77	9	86,888,818	87,769,748	3	0	3	1
Case 77	9	87,771,842	87,834,342	4	0	4	1
Case 77	9	87,835,091	89,874,932	3	0	3	1
Case 77	9	89,878,104	90,065,940	4	0	4	1
Case 77	9	90,066,956	91,262,296	3	0	3	1
Case 77	9	91,262,347	94,985,703	4	0	4	1
Case 77	9	94,985,708	95,263,179	3	0	3	1
Case 77	9	95,263,216	99,012,277	4	0	4	1
Case 77	9	99,015,141	103,299,435	3	0	3	1
Case 77	9	103,312,290	104,164,162	4	0	4	1
Case 77	9	104,165,360	104,355,455	3	0	3	1
Case 77	9	104,356,439	105,496,890	4	0	4	1
Case 77	9	105,502,498	105,893,479	3	0	3	1
Case 77	9	105,900,043	107,652,459	4	0	4	1

Case 77	9	107,653,426	108,425,069	3	0	3	1
Case 77	9	108,425,081	109,031,079	4	0	4	1
Case 77	9	109,043,885	110,438,418	3	0	3	1
Case 77	9	110,438,441	111,151,700	4	0	4	1
Case 77	9	111,152,200	111,396,742	3	0	3	1
Case 77	9	111,397,766	111,617,824	4	0	4	1
Case 77	9	111,617,827	112,070,162	3	0	3	1
Case 77	9	112,072,419	112,705,383	4	0	4	1
Case 77	9	112,705,680	113,282,064	3	0	3	1
Case 77	9	113,283,373	114,069,273	4	0	4	1
Case 77	9	114,078,716	116,359,178	3	0	3	1
Case 77	9	116,362,738	116,749,297	4	0	4	1
Case 77	9	116,750,780	117,393,736	3	0	3	1
Case 77	9	117,393,934	117,502,242	4	0	4	1
Case 77	9	117,504,798	118,057,870	3	0	3	1
Case 77	9	118,063,164	118,642,639	4	0	4	1
Case 77	9	118,644,810	120,099,585	3	0	3	1
Case 77	9	120,102,138	121,911,162	4	0	4	1
Case 77	9	121,914,488	123,292,378	3	0	3	1
Case 77	9	123,296,964	123,636,311	4	0	4	1
Case 77	9	123,637,006	124,931,981	3	0	3	1
Case 77	9	124,931,984	125,007,584	4	0	4	1
Case 77	9	125,024,291	128,094,232	3	0	3	1
Case 77	9	128,097,490	132,597,021	2	0	2	1
Case 77	9	132,601,229	133,588,943	3	0	3	1
Case 77	9	133,593,939	133,911,687	4	0	4	1
Case 77	9	133,911,706	134,141,129	3	0	3	1
Case 77	9	134,142,444	134,212,002	4	0	4	1
Case 77	9	134,214,383	134,401,335	3	0	3	1
Case 77	9	134,402,338	135,273,601	4	0	4	1
Case 77	9	135,273,692	135,296,341	3	0	3	1
Case 77	9	135,297,764	135,373,497	4	0	4	1
Case 77	9	135,374,091	135,845,035	3	0	3	1
Case 77	9	135,849,248	135,983,592	4	0	4	1
Case 77	9	135,984,173	136,042,694	3	0	3	1
Case 77	9	136,043,270	136,179,704	4	0	4	1
Case 77	9	136,184,526	137,864,163	3	0	3	1
Case 77	9	137,873,099	138,376,372	4	0	4	1
Case 77	9	138,376,390	139,456,212	3	0	3	1
Case 77	9	139,457,506	139,840,215	4	0	4	1
Case 77	9	139,840,216	139,901,681	5	0	5	1
Case 77	9	139,901,891	140,274,255	4	0	4	1
Case 77	9	140,277,524	140,329,373	5	0	5	1
Case 77	9	140,329,482	141,066,491	4	0	4	1
Case 77	10	98,087	5,075,366	2	2	4	0
Case 77	10	5,075,493	7,470,868	2	1	3	0
Case 77	10	7,471,543	7,732,323	2	2	4	0
Case 77	10	7,739,555	8,006,631	2	1	3	0
Case 77	10	8,006,798	12,595,543	2	2	4	0
Case 77	10	12,595,815	12,869,000	2	1	3	0
Case 77	10	12,869,047	24,206,076	2	2	4	0
Case 77	10	24,207,529	37,451,705	2	1	3	0
Case 77	10	37,454,079	38,407,131	2	2	4	0
Case 77	10	38,407,224	39,097,912	2	1	3	0
Case 77	10	42,436,301	43,659,382	2	1	3	0
Case 77	10	43,659,536	45,776,015	2	2	4	0
Case 77	10	45,779,319	47,703,869	2	1	3	0
Case 77	10	48,047,289	53,156,299	2	2	4	0
Case 77	10	53,158,343	53,365,163	2	1	3	0
Case 77	10	53,365,208	55,560,710	2	2	4	0
Case 77	10	55,562,036	55,720,024	2	1	3	0

Case 77	10	55,721,531	60,954,419	2	2	4	0
Case 77	10	60,961,915	62,773,645	5	1	6	0
Case 77	10	62,780,127	63,633,467	4	2	6	0
Case 77	10	63,636,254	64,968,251	4	0	4	1
Case 77	10	64,968,272	65,281,331	3	0	3	1
Case 77	10	65,285,485	67,488,312	4	0	4	1
Case 77	10	67,495,478	67,894,481	7	0	7	1
Case 77	10	67,898,109	67,898,109	4	1	5	0
Case 77	10	67,899,266	67,899,266	2	0	2	1
Case 77	10	67,902,438	67,902,438	4	0	4	1
Case 77	10	67,914,345	71,142,183	5	0	5	1
Case 77	10	71,142,410	71,245,617	4	0	4	1
Case 77	10	71,246,432	73,020,768	5	0	5	1
Case 77	10	73,021,816	73,270,982	4	0	4	1
Case 77	10	73,280,314	73,351,149	5	0	5	1
Case 77	10	73,351,781	73,453,990	4	0	4	1
Case 77	10	73,454,637	75,415,677	5	0	5	1
Case 77	10	75,416,789	75,567,603	4	0	4	1
Case 77	10	75,567,948	75,937,554	5	0	5	1
Case 77	10	75,940,906	76,617,479	6	0	6	1
Case 77	10	76,617,857	78,205,649	5	0	5	1
Case 77	10	78,206,830	78,630,497	6	0	6	1
Case 77	10	78,630,781	82,764,044	5	0	5	1
Case 77	10	82,768,023	82,984,432	6	0	6	1
Case 77	10	82,986,532	84,315,759	5	0	5	1
Case 77	10	84,322,815	85,073,628	6	0	6	1
Case 77	10	85,074,214	85,074,636	5	0	5	1
Case 77	10	85,085,640	85,599,366	1	0	1	0
Case 77	10	85,600,181	85,741,338	2	0	2	1
Case 77	10	85,741,728	85,936,160	1	0	1	0
Case 77	10	85,936,245	86,016,166	2	0	2	1
Case 77	10	86,016,490	86,337,629	1	0	1	0
Case 77	10	86,342,022	86,466,489	2	0	2	1
Case 77	10	86,467,133	86,649,647	1	0	1	0
Case 77	10	86,650,206	86,755,397	2	0	2	1
Case 77	10	86,758,509	87,484,156	1	0	1	0
Case 77	10	87,484,382	87,909,947	2	0	2	1
Case 77	10	87,911,573	88,414,554	1	0	1	0
Case 77	10	88,414,569	88,493,527	2	0	2	1
Case 77	10	88,496,391	88,703,732	1	0	1	0
Case 77	10	88,704,968	88,768,892	2	0	2	1
Case 77	10	88,786,593	89,782,386	1	0	1	0
Case 77	10	89,784,717	89,958,603	2	0	2	1
Case 77	10	89,961,657	91,059,127	1	0	1	0
Case 77	10	91,059,159	91,181,853	2	0	2	1
Case 77	10	91,185,696	97,260,248	2	1	3	0
Case 77	10	97,266,538	97,487,362	2	2	4	0
Case 77	10	97,496,989	135,477,883	2	1	3	0
Case 77	11	193,146	5,474,894	2	0	2	1
Case 77	11	5,474,965	5,655,036	3	0	3	1
Case 77	11	5,655,233	11,260,163	2	0	2	1
Case 77	11	11,261,045	11,658,269	3	0	3	1
Case 77	11	11,660,815	12,247,851	2	0	2	1
Case 77	11	12,248,515	12,345,459	3	0	3	1
Case 77	11	12,345,596	15,893,286	2	0	2	1
Case 77	11	15,903,372	16,057,990	3	0	3	1
Case 77	11	16,062,814	16,785,618	2	0	2	1
Case 77	11	16,787,777	16,896,925	3	0	3	1
Case 77	11	16,897,496	18,726,022	2	0	2	1
Case 77	11	18,727,448	18,742,570	3	0	3	1
Case 77	11	18,743,511	18,939,666	2	0	2	1

Case 77	11	18,949,220	18,955,550	2	2	4	0
Case 77	11	18,956,690	19,769,712	2	0	2	1
Case 77	11	19,770,390	20,070,668	3	0	3	1
Case 77	11	20,071,386	26,070,407	2	0	2	1
Case 77	11	26,079,373	28,549,266	2	1	3	0
Case 77	11	28,575,986	30,613,825	2	2	4	0
Case 77	11	30,618,816	30,661,857	6	1	7	0
Case 77	11	30,687,010	31,048,097	4	1	5	0
Case 77	11	31,056,014	39,442,174	7	0	7	1
Case 77	11	39,445,016	40,074,432	6	1	7	0
Case 77	11	40,075,587	40,079,008	4	1	5	0
Case 77	11	40,080,055	40,080,055	2	0	2	1
Case 77	11	40,082,660	40,082,660	2	2	4	0
Case 77	11	40,082,790	41,154,796	5	1	6	0
Case 77	11	41,158,377	41,158,377	2	2	4	0
Case 77	11	41,159,081	42,266,666	6	1	7	0
Case 77	11	42,278,390	43,737,430	4	1	5	0
Case 77	11	43,740,422	43,740,422	7	0	7	1
Case 77	11	43,748,673	44,370,034	6	1	7	0
Case 77	11	44,371,538	45,403,436	7	0	7	1
Case 77	11	45,404,318	45,408,742	4	1	5	0
Case 77	11	45,414,183	45,414,183	2	0	2	1
Case 77	11	45,415,061	45,417,089	2	2	4	0
Case 77	11	45,419,113	45,944,542	5	1	6	0
Case 77	11	45,945,063	46,817,323	4	2	6	0
Case 77	11	46,823,681	47,720,228	4	0	4	1
Case 77	11	47,721,049	48,234,357	4	1	5	0
Case 77	11	48,238,455	48,238,455	2	0	2	1
Case 77	11	48,238,468	48,373,849	2	2	4	0
Case 77	11	48,375,604	49,325,425	5	1	6	0
Case 77	11	49,357,043	50,008,258	2	2	4	0
Case 77	11	50,057,854	50,345,592	4	2	6	0
Case 77	11	50,349,310	50,630,255	7	0	7	1
Case 77	11	50,668,400	50,697,498	4	1	5	0
Case 77	11	51,095,992	51,440,610	2	0	2	1
Case 77	11	51,446,535	51,478,072	4	0	4	1
Case 77	11	51,479,648	51,591,253	4	1	5	0
Case 77	11	54,794,237	54,794,237	4	1	5	0
Case 77	11	54,801,549	55,303,410	2	0	2	1
Case 77	11	55,303,865	55,362,955	2	1	3	0
Case 77	11	55,370,325	55,415,016	0	0	0	0
Case 77	11	55,424,207	55,432,668	2	0	2	1
Case 77	11	55,432,740	55,659,089	2	1	3	0
Case 77	11	55,667,715	56,185,129	2	0	2	1
Case 77	11	56,185,153	56,237,655	3	0	3	1
Case 77	11	56,237,722	75,292,601	2	0	2	1
Case 77	11	75,294,923	75,431,214	3	0	3	1
Case 77	11	75,431,215	76,852,952	2	0	2	1
Case 77	11	76,853,775	76,925,013	3	0	3	1
Case 77	11	76,925,733	86,140,441	2	0	2	1
Case 77	11	86,145,296	86,610,223	3	0	3	1
Case 77	11	86,612,582	92,260,106	2	0	2	1
Case 77	11	92,267,129	92,714,759	3	0	3	1
Case 77	11	92,714,778	113,974,100	2	0	2	1
Case 77	11	113,975,347	114,092,875	3	0	3	1
Case 77	11	114,093,940	120,085,469	2	0	2	1
Case 77	11	120,089,886	120,190,997	3	0	3	1
Case 77	11	120,193,477	125,850,139	2	0	2	1
Case 77	11	125,850,962	127,178,763	2	1	3	0
Case 77	11	127,183,248	127,664,305	2	0	2	1
Case 77	11	127,664,841	128,049,402	3	0	3	1

Case 77	11	128,054,642	128,664,265	2	0	2	1
Case 77	11	128,666,105	128,844,513	3	0	3	1
Case 77	11	128,846,528	134,934,063	2	0	2	1
Case 77	12	191,619	303,320	2	1	3	0
Case 77	12	305,949	803,488	2	2	4	0
Case 77	12	805,451	1,207,223	2	1	3	0
Case 77	12	1,208,723	2,601,679	2	2	4	0
Case 77	12	2,601,742	3,081,620	2	1	3	0
Case 77	12	3,083,670	4,139,900	2	2	4	0
Case 77	12	4,141,091	4,938,317	2	0	2	1
Case 77	12	4,938,605	4,991,285	3	0	3	1
Case 77	12	4,992,192	5,687,598	2	0	2	1
Case 77	12	5,687,610	5,941,617	3	0	3	1
Case 77	12	5,945,733	11,770,270	2	0	2	1
Case 77	12	11,776,232	12,248,280	3	0	3	1
Case 77	12	12,249,224	12,940,506	2	0	2	1
Case 77	12	12,940,830	13,215,880	3	0	3	1
Case 77	12	13,216,071	13,643,708	2	0	2	1
Case 77	12	13,644,060	14,072,223	3	0	3	1
Case 77	12	14,073,557	21,064,348	2	0	2	1
Case 77	12	21,068,337	30,404,634	2	2	4	0
Case 77	12	30,407,028	33,146,869	2	1	3	0
Case 77	12	33,148,078	33,506,981	2	2	4	0
Case 77	12	33,510,083	34,853,011	2	1	3	0
Case 77	12	37,876,400	39,028,853	2	1	3	0
Case 77	12	39,042,412	43,517,624	2	2	4	0
Case 77	12	43,521,414	46,578,702	2	0	2	1
Case 77	12	46,579,388	46,767,175	3	0	3	1
Case 77	12	46,778,881	48,232,747	2	0	2	1
Case 77	12	48,234,917	48,417,308	3	0	3	1
Case 77	12	48,417,562	52,913,517	2	0	2	1
Case 77	12	52,913,668	52,963,169	3	0	3	1
Case 77	12	52,963,643	55,732,963	2	0	2	1
Case 77	12	55,737,318	59,509,780	2	1	3	0
Case 77	12	59,512,511	61,426,071	2	2	4	0
Case 77	12	61,434,007	61,905,997	2	1	3	0
Case 77	12	61,906,480	67,212,787	2	2	4	0
Case 77	12	67,213,725	67,439,199	3	0	3	1
Case 77	12	67,440,088	68,047,049	2	0	2	1
Case 77	12	68,049,075	68,420,943	3	0	3	1
Case 77	12	68,421,622	72,338,074	2	0	2	1
Case 77	12	72,338,466	72,620,122	3	0	3	1
Case 77	12	72,622,180	76,021,824	2	0	2	1
Case 77	12	76,022,150	76,302,004	3	0	3	1
Case 77	12	76,303,759	85,981,647	2	0	2	1
Case 77	12	85,995,733	86,169,662	2	2	4	0
Case 77	12	86,172,522	94,483,555	2	1	3	0
Case 77	12	94,483,936	94,491,385	3	1	4	0
Case 77	12	94,499,677	97,175,658	2	1	3	0
Case 77	12	97,186,242	97,225,035	2	0	2	1
Case 77	12	97,226,589	97,518,592	1	0	1	0
Case 77	12	97,520,509	97,550,213	2	0	2	1
Case 77	12	97,551,024	101,885,617	2	1	3	0
Case 77	12	101,885,699	102,108,345	2	2	4	0
Case 77	12	102,110,335	133,810,935	2	1	3	0
Case 77	13	19,058,717	20,830,555	2	1	3	0
Case 77	13	20,830,595	21,159,200	2	2	4	0
Case 77	13	21,159,558	22,275,583	2	1	3	0
Case 77	13	22,275,946	22,801,475	2	2	4	0
Case 77	13	22,803,494	23,279,834	2	1	3	0
Case 77	13	23,281,777	37,095,762	2	2	4	0

Case 77	13	37,098,415	48,987,032	2	1	3	0
Case 77	13	48,992,810	53,536,175	2	0	2	1
Case 77	13	53,537,171	53,555,256	4	0	4	1
Case 77	13	53,555,952	53,677,679	5	0	5	1
Case 77	13	53,684,255	53,718,221	4	0	4	1
Case 77	13	53,729,815	58,209,108	3	0	3	1
Case 77	13	58,215,142	58,675,299	3	1	4	0
Case 77	13	58,688,382	62,980,593	3	0	3	1
Case 77	13	62,985,473	115,103,529	3	1	4	0
Case 77	14	19,280,733	20,420,338	2	0	2	1
Case 77	14	20,425,051	22,434,423	3	0	3	1
Case 77	14	22,435,602	22,964,782	4	0	4	1
Case 77	14	22,966,662	39,709,769	3	0	3	1
Case 77	14	39,716,201	39,796,221	2	0	2	1
Case 77	14	39,802,186	48,395,998	3	0	3	1
Case 77	14	48,397,066	48,400,975	4	0	4	1
Case 77	14	48,413,039	48,564,424	7	0	7	1
Case 77	14	48,564,956	48,572,632	4	1	5	0
Case 77	14	48,576,123	48,576,123	2	0	2	1
Case 77	14	48,577,206	58,669,637	3	0	3	1
Case 77	14	58,673,586	59,006,831	2	0	2	1
Case 77	14	59,013,971	64,467,358	3	0	3	1
Case 77	14	64,468,654	64,519,654	2	0	2	1
Case 77	14	64,519,709	68,819,234	3	0	3	1
Case 77	14	68,835,038	68,926,468	4	0	4	1
Case 77	14	68,934,690	73,739,592	3	0	3	1
Case 77	14	73,741,186	74,086,941	2	0	2	1
Case 77	14	74,094,475	74,410,405	3	0	3	1
Case 77	14	74,411,125	74,541,484	2	0	2	1
Case 77	14	74,548,514	77,948,937	3	0	3	1
Case 77	14	77,948,944	78,107,279	2	0	2	1
Case 77	14	78,108,003	83,756,424	3	0	3	1
Case 77	14	83,757,483	84,174,088	2	0	2	1
Case 77	14	84,175,805	84,987,635	3	0	3	1
Case 77	14	84,989,873	85,377,877	2	0	2	1
Case 77	14	85,379,527	92,436,180	3	0	3	1
Case 77	14	92,438,421	92,583,579	2	0	2	1
Case 77	14	92,583,867	93,263,982	3	0	3	1
Case 77	14	93,264,059	93,329,692	2	0	2	1
Case 77	14	93,331,734	93,650,165	3	0	3	1
Case 77	14	93,650,172	94,084,548	2	0	2	1
Case 77	14	94,084,641	96,727,874	3	0	3	1
Case 77	14	96,728,002	96,829,290	2	0	2	1
Case 77	14	96,836,973	102,717,231	3	0	3	1
Case 77	14	102,717,236	103,222,398	2	0	2	1
Case 77	14	103,228,417	103,784,918	3	0	3	1
Case 77	14	103,787,864	105,065,970	2	0	2	1
Case 77	14	105,068,127	105,246,462	3	0	3	1
Case 77	14	105,246,686	105,989,599	2	0	2	1
Case 77	14	105,992,183	107,287,663	3	0	3	1
Case 77	15	20,034,919	35,516,110	2	0	2	1
Case 77	15	35,537,031	35,746,966	1	0	1	0
Case 77	15	35,751,871	38,072,896	2	0	2	1
Case 77	15	38,074,118	38,533,568	3	0	3	1
Case 77	15	38,535,591	38,839,587	2	0	2	1
Case 77	15	38,844,106	39,136,304	3	0	3	1
Case 77	15	39,137,097	42,399,754	2	0	2	1
Case 77	15	42,401,652	42,438,357	3	0	3	1
Case 77	15	42,438,400	51,487,670	2	0	2	1
Case 77	15	51,491,854	51,685,665	3	0	3	1
Case 77	15	51,687,839	57,864,213	2	0	2	1



Case 77	15	57,864,355	58,356,362	3	0	3	1
Case 77	15	58,357,800	60,987,230	2	0	2	1
Case 77	15	60,988,120	61,103,590	3	0	3	1
Case 77	15	61,104,895	61,710,312	2	0	2	1
Case 77	15	61,718,875	62,140,034	3	0	3	1
Case 77	15	62,145,214	67,376,000	2	0	2	1
Case 77	15	67,380,609	67,494,494	3	0	3	1
Case 77	15	67,495,926	75,969,152	2	0	2	1
Case 77	15	75,969,335	76,071,821	3	0	3	1
Case 77	15	76,072,030	76,402,624	2	0	2	1
Case 77	15	76,408,090	76,496,217	3	0	3	1
Case 77	15	76,496,231	81,046,125	2	0	2	1
Case 77	15	81,047,003	81,201,537	3	0	3	1
Case 77	15	81,204,918	86,265,782	2	0	2	1
Case 77	15	86,266,306	86,367,767	3	0	3	1
Case 77	15	86,369,430	91,345,348	2	0	2	1
Case 77	15	91,346,789	91,489,935	4	0	4	1
Case 77	15	91,489,936	91,521,337	3	0	3	1
Case 77	15	91,524,209	92,825,832	2	0	2	1
Case 77	15	92,834,134	93,015,650	3	0	3	1
Case 77	15	93,015,721	93,860,509	2	0	2	1
Case 77	15	93,861,129	93,926,846	3	0	3	1
Case 77	15	93,927,305	95,019,969	2	0	2	1
Case 77	15	95,019,993	95,160,050	3	0	3	1
Case 77	15	95,165,051	96,637,443	2	0	2	1
Case 77	15	96,639,263	96,844,005	3	0	3	1
Case 77	15	96,844,084	100,492,789	2	0	2	1
Case 77	15	100,499,365	100,807,344	3	0	3	1
Case 77	15	100,808,087	101,593,619	2	0	2	1
Case 77	15	101,595,629	101,656,088	3	0	3	1
Case 77	15	101,657,719	101,939,918	2	0	2	1
Case 77	15	101,944,959	102,120,339	3	0	3	1
Case 77	15	102,120,895	102,461,162	2	0	2	1
Case 77	16	88,165	5,658,177	2	0	2	1
Case 77	16	5,660,929	5,874,639	3	0	3	1
Case 77	16	5,878,184	8,428,262	2	0	2	1
Case 77	16	8,430,117	8,534,737	3	0	3	1
Case 77	16	8,536,143	10,975,311	2	0	2	1
Case 77	16	10,979,440	10,998,613	1	0	1	0
Case 77	16	10,998,628	13,229,470	2	0	2	1
Case 77	16	13,229,723	13,421,017	3	0	3	1
Case 77	16	13,427,718	20,380,961	2	0	2	1
Case 77	16	20,380,968	20,563,528	3	0	3	1
Case 77	16	20,564,300	29,180,407	2	0	2	1
Case 77	16	29,182,179	29,906,774	3	0	3	1
Case 77	16	29,907,116	30,080,265	4	0	4	1
Case 77	16	30,080,780	31,392,282	3	0	3	1
Case 77	16	31,392,309	31,545,618	4	0	4	1
Case 77	16	31,563,658	31,580,272	3	0	3	1
Case 77	16	31,602,768	35,285,582	2	0	2	1
Case 77	16	46,450,037	47,703,327	2	0	2	1
Case 77	16	47,727,381	50,059,500	3	0	3	1
Case 77	16	50,059,580	50,138,943	2	0	2	1
Case 77	16	50,142,944	53,144,191	3	0	3	1
Case 77	16	53,145,770	53,479,531	2	0	2	1
Case 77	16	53,479,855	55,536,687	3	0	3	1
Case 77	16	55,536,723	55,694,253	2	0	2	1
Case 77	16	55,700,427	57,349,346	3	0	3	1
Case 77	16	57,351,093	57,483,867	2	0	2	1
Case 77	16	57,484,957	57,758,547	3	0	3	1
Case 77	16	57,758,727	58,079,283	2	0	2	1

Case 77	16	58,085,882	66,972,546	3	0	3	1
Case 77	16	66,972,968	70,841,632	2	0	2	1
Case 77	16	70,841,656	71,171,142	3	0	3	1
Case 77	16	71,171,147	90,274,695	2	0	2	1
Case 77	17	11,885	4,067,552	2	0	2	1
Case 77	17	4,069,735	4,111,325	1	0	1	0
Case 77	17	4,113,150	21,528,062	2	0	2	1
Case 77	17	21,539,613	22,242,355	2	1	3	0
Case 77	17	25,268,142	25,650,739	2	1	3	0
Case 77	17	25,659,288	26,851,602	2	2	4	0
Case 77	17	26,851,758	27,341,434	2	1	3	0
Case 77	17	27,341,776	27,696,371	2	2	4	0
Case 77	17	27,703,349	28,405,349	2	1	3	0
Case 77	17	28,405,431	28,642,380	2	2	4	0
Case 77	17	28,645,905	34,436,532	2	1	3	0
Case 77	17	34,436,708	34,597,521	3	1	4	0
Case 77	17	34,815,551	63,629,388	2	1	3	0
Case 77	17	63,629,578	63,822,357	2	2	4	0
Case 77	17	63,841,571	67,079,441	2	1	3	0
Case 77	17	67,080,435	67,115,765	0	0	0	0
Case 77	17	67,117,428	67,117,688	2	0	2	1
Case 77	17	67,119,548	81,060,040	2	1	3	0
Case 77	18	87,505	139,767	4	0	4	1
Case 77	18	159,382	159,382	3	0	3	1
Case 77	18	160,887	294,495	2	0	2	1
Case 77	18	295,246	4,377,745	3	0	3	1
Case 77	18	4,383,437	6,404,553	2	0	2	1
Case 77	18	6,406,648	6,958,477	3	0	3	1
Case 77	18	6,958,609	7,231,143	2	0	2	1
Case 77	18	7,231,186	7,322,666	3	0	3	1
Case 77	18	7,326,805	7,882,917	2	0	2	1
Case 77	18	7,887,531	8,569,662	3	0	3	1
Case 77	18	8,571,754	8,794,092	2	0	2	1
Case 77	18	8,794,278	9,117,899	3	0	3	1
Case 77	18	9,122,532	9,532,097	2	0	2	1
Case 77	18	9,533,855	10,447,547	3	0	3	1
Case 77	18	10,448,334	10,884,845	2	0	2	1
Case 77	18	10,892,653	11,228,713	3	0	3	1
Case 77	18	11,232,515	11,454,808	2	0	2	1
Case 77	18	11,471,820	11,583,447	3	0	3	1
Case 77	18	11,596,076	12,155,452	2	0	2	1
Case 77	18	12,160,236	12,445,407	3	0	3	1
Case 77	18	12,445,632	13,133,577	2	0	2	1
Case 77	18	13,151,544	13,638,962	3	0	3	1
Case 77	18	13,640,802	15,375,878	2	0	2	1
Case 77	18	18,520,354	20,607,879	2	0	2	1
Case 77	18	20,621,714	20,945,616	3	0	3	1
Case 77	18	20,946,796	22,237,203	2	0	2	1
Case 77	18	22,237,514	22,622,445	3	0	3	1
Case 77	18	22,624,119	28,873,403	2	0	2	1
Case 77	18	28,875,465	29,426,719	3	0	3	1
Case 77	18	29,426,726	29,454,570	2	0	2	1
Case 77	18	29,463,735	32,883,622	3	0	3	1
Case 77	18	32,887,933	32,949,300	2	0	2	1
Case 77	18	32,950,288	37,517,721	3	0	3	1
Case 77	18	37,520,042	37,933,091	2	0	2	1
Case 77	18	37,936,406	40,377,844	3	0	3	1
Case 77	18	40,385,804	40,612,823	2	0	2	1
Case 77	18	40,613,606	40,697,340	3	0	3	1
Case 77	18	40,697,530	41,411,292	2	0	2	1
Case 77	18	41,413,115	43,455,229	3	0	3	1

Case 77	18	43,456,297	43,557,625	2	0	2	1
Case 77	18	43,562,102	50,276,380	3	0	3	1
Case 77	18	50,278,480	50,937,026	2	0	2	1
Case 77	18	50,942,514	55,273,918	3	0	3	1
Case 77	18	55,274,824	55,352,724	2	0	2	1
Case 77	18	55,355,674	55,454,377	3	0	3	1
Case 77	18	55,461,863	55,732,192	4	0	4	1
Case 77	18	55,740,404	57,864,141	3	0	3	1
Case 77	18	57,866,384	58,226,713	2	0	2	1
Case 77	18	58,227,112	62,088,914	3	0	3	1
Case 77	18	62,090,963	62,284,201	2	0	2	1
Case 77	18	62,289,513	63,104,519	3	0	3	1
Case 77	18	63,107,169	63,465,500	2	0	2	1
Case 77	18	63,465,538	63,637,562	3	0	3	1
Case 77	18	63,638,807	64,321,112	2	0	2	1
Case 77	18	64,327,944	68,439,731	3	0	3	1
Case 77	18	68,441,007	78,015,180	2	0	2	1
Case 77	19	260,912	998,126	2	1	3	0
Case 77	19	1,002,847	1,048,950	2	0	2	1
Case 77	19	1,049,360	1,056,399	1	0	1	0
Case 77	19	1,056,410	1,993,033	2	0	2	1
Case 77	19	1,993,101	2,059,585	3	0	3	1
Case 77	19	2,061,715	10,416,617	2	0	2	1
Case 77	19	10,419,130	13,430,747	2	1	3	0
Case 77	19	13,431,565	13,869,786	2	2	4	0
Case 77	19	13,869,794	14,991,963	2	1	3	0
Case 77	19	14,993,370	15,228,542	2	2	4	0
Case 77	19	15,228,739	15,651,359	2	1	3	0
Case 77	19	15,651,365	15,752,023	2	2	4	0
Case 77	19	15,752,137	16,300,190	2	1	3	0
Case 77	19	16,301,100	16,611,868	2	2	4	0
Case 77	19	16,611,886	18,448,105	2	1	3	0
Case 77	19	18,450,713	18,533,642	2	0	2	1
Case 77	19	18,538,708	20,500,515	2	1	3	0
Case 77	19	20,626,179	20,715,228	0	0	0	0
Case 77	19	20,726,622	20,728,777	2	0	2	1
Case 77	19	20,729,120	23,661,800	2	1	3	0
Case 77	19	23,671,926	23,829,737	2	2	4	0
Case 77	19	23,837,145	24,629,285	2	1	3	0
Case 77	19	27,732,159	28,983,692	2	1	3	0
Case 77	19	28,991,292	30,043,222	2	2	4	0
Case 77	19	30,050,566	30,550,513	2	1	3	0
Case 77	19	30,556,283	32,779,619	2	2	4	0
Case 77	19	32,783,217	33,119,653	2	1	3	0
Case 77	19	33,119,742	33,767,568	2	2	4	0
Case 77	19	33,768,921	34,045,675	2	1	3	0
Case 77	19	34,048,308	36,011,878	2	2	4	0
Case 77	19	36,013,455	38,126,406	2	1	3	0
Case 77	19	38,126,813	38,706,989	2	2	4	0
Case 77	19	38,708,477	43,420,322	2	1	3	0
Case 77	19	43,420,327	43,698,606	2	2	4	0
Case 77	19	43,698,669	44,062,890	2	1	3	0
Case 77	19	44,065,115	44,466,156	2	2	4	0
Case 77	19	44,467,096	44,853,707	2	1	3	0
Case 77	19	44,855,873	45,021,252	2	2	4	0
Case 77	19	45,022,672	45,043,644	2	1	3	0
Case 77	19	45,046,352	45,132,364	3	1	4	0
Case 77	19	45,139,812	46,388,473	2	1	3	0
Case 77	19	46,390,280	46,511,617	2	2	4	0
Case 77	19	46,512,517	46,973,245	2	1	3	0
Case 77	19	46,973,314	47,112,740	2	2	4	0

Case 77	19	47,113,138	47,920,565	2	1	3	0
Case 77	19	47,920,571	48,511,909	2	2	4	0
Case 77	19	48,512,634	49,183,284	2	1	3	0
Case 77	19	49,184,380	49,206,462	2	0	2	1
Case 77	19	49,206,631	51,759,861	2	1	3	0
Case 77	19	51,759,936	51,841,312	2	2	4	0
Case 77	19	51,842,357	52,266,072	2	1	3	0
Case 77	19	52,267,561	52,437,588	2	2	4	0
Case 77	19	52,439,298	56,416,347	2	1	3	0
Case 77	19	56,419,263	56,515,334	2	2	4	0
Case 77	19	56,515,359	56,750,675	2	1	3	0
Case 77	19	56,751,782	56,900,486	2	2	4	0
Case 77	19	56,901,457	57,335,735	2	1	3	0
Case 77	19	57,335,875	57,641,887	2	2	4	0
Case 77	19	57,641,959	59,097,160	2	1	3	0
Case 77	20	63,244	14,807,487	4	0	4	1
Case 77	20	14,807,599	14,853,050	3	0	3	1
Case 77	20	14,858,910	14,872,313	2	0	2	1
Case 77	20	14,877,654	15,061,394	1	0	1	0
Case 77	20	15,063,214	15,078,724	2	0	2	1
Case 77	20	15,083,054	15,179,023	2	1	3	0
Case 77	20	15,180,181	15,207,464	3	1	4	0
Case 77	20	15,210,624	15,210,624	2	1	3	0
Case 77	20	15,215,964	15,561,894	3	0	3	1
Case 77	20	15,562,149	16,696,462	3	1	4	0
Case 77	20	16,697,465	17,295,110	3	0	3	1
Case 77	20	17,296,006	21,687,474	3	1	4	0
Case 77	20	21,689,216	23,016,850	4	0	4	1
Case 77	20	23,016,854	26,293,985	3	0	3	1
Case 77	20	29,425,357	37,667,148	3	0	3	1
Case 77	20	37,667,182	38,619,046	3	1	4	0
Case 77	20	38,620,281	39,016,260	3	0	3	1
Case 77	20	39,022,059	39,577,742	3	1	4	0
Case 77	20	39,577,882	40,987,563	3	0	3	1
Case 77	20	40,989,344	41,235,817	3	1	4	0
Case 77	20	41,236,837	41,327,093	3	0	3	1
Case 77	20	41,331,689	41,436,909	3	1	4	0
Case 77	20	41,437,424	41,612,014	2	1	3	0
Case 77	20	41,612,425	42,453,467	3	0	3	1
Case 77	20	42,460,418	42,623,967	3	1	4	0
Case 77	20	42,628,687	42,704,488	2	1	3	0
Case 77	20	42,704,807	42,814,688	3	1	4	0
Case 77	20	42,815,190	47,218,804	3	0	3	1
Case 77	20	47,219,740	47,241,358	3	1	4	0
Case 77	20	47,241,618	48,140,744	2	1	3	0
Case 77	20	48,140,765	49,813,425	3	0	3	1
Case 77	20	49,817,847	50,038,512	3	1	4	0
Case 77	20	50,040,086	50,153,344	4	0	4	1
Case 77	20	50,155,124	53,266,806	3	0	3	1
Case 77	20	53,266,975	53,380,907	3	1	4	0
Case 77	20	53,382,213	53,393,214	2	1	3	0
Case 77	20	53,396,897	56,453,291	1	1	2	0
Case 77	20	56,460,394	57,066,537	3	0	3	1
Case 77	20	57,072,048	57,164,080	3	1	4	0
Case 77	20	57,164,855	57,609,218	3	0	3	1
Case 77	20	57,610,059	57,719,291	3	1	4	0
Case 77	20	57,723,130	57,829,301	2	1	3	0
Case 77	20	57,829,527	57,945,328	3	1	4	0
Case 77	20	57,945,730	58,210,005	2	1	3	0
Case 77	20	58,211,295	58,330,363	3	1	4	0
Case 77	20	58,330,382	58,657,223	2	1	3	0

Case 77	20	58,659,084	58,725,020	3	1	4	0
Case 77	20	58,725,148	59,307,221	3	0	3	1
Case 77	20	59,309,596	59,592,190	3	1	4	0
Case 77	20	59,594,066	60,177,157	2	1	3	0
Case 77	20	60,179,671	60,364,205	3	1	4	0
Case 77	20	60,365,079	62,948,788	3	0	3	1
Case 77	21	10,827,533	10,971,337	2	1	3	0
Case 77	21	14,368,320	48,100,155	2	1	3	0
Case 77	22	16,114,244	46,327,857	2	0	2	1
Case 77	22	46,341,486	46,458,123	3	0	3	1
Case 77	22	46,459,132	50,918,406	2	0	2	1
Case 77	22	50,921,022	50,921,274	1	0	1	0
Case 77	22	50,921,305	51,195,728	2	0	2	1
Case 78	1	82,154	17,228,131	1	1	2	0
Case 78	1	17,248,532	17,281,359	0	0	0	0
Case 78	1	17,282,425	92,443,803	1	1	2	0
Case 78	1	92,443,824	94,020,247	1	0	1	0
Case 78	1	94,026,080	100,340,252	1	1	2	0
Case 78	1	100,340,312	100,624,961	1	0	1	0
Case 78	1	100,625,029	121,346,616	1	1	2	0
Case 78	1	142,649,718	152,080,129	1	1	2	0
Case 78	1	152,080,173	152,480,654	2	1	3	0
Case 78	1	152,482,587	156,777,017	1	1	2	0
Case 78	1	156,779,505	158,159,393	2	1	3	0
Case 78	1	158,169,866	158,549,011	1	1	2	0
Case 78	1	158,549,043	160,146,173	2	1	3	0
Case 78	1	160,146,341	162,569,023	1	1	2	0
Case 78	1	162,569,077	162,874,457	2	1	3	0
Case 78	1	162,874,838	165,117,250	1	1	2	0
Case 78	1	165,120,633	165,600,146	2	1	3	0
Case 78	1	165,600,606	176,475,180	1	1	2	0
Case 78	1	176,487,700	178,454,768	2	1	3	0
Case 78	1	178,458,708	181,390,870	1	1	2	0
Case 78	1	181,393,238	182,058,955	2	1	3	0
Case 78	1	182,062,812	201,163,290	1	1	2	0
Case 78	1	201,163,305	201,869,484	2	1	3	0
Case 78	1	201,869,489	205,867,013	1	1	2	0
Case 78	1	205,881,194	206,653,438	2	1	3	0
Case 78	1	206,653,842	207,064,400	1	1	2	0
Case 78	1	207,068,672	209,997,448	2	1	3	0
Case 78	1	209,998,662	213,558,937	1	1	2	0
Case 78	1	213,562,365	214,641,548	2	1	3	0
Case 78	1	214,644,771	218,524,632	1	1	2	0
Case 78	1	218,525,588	220,107,917	2	1	3	0
Case 78	1	220,108,918	223,326,347	1	1	2	0
Case 78	1	223,333,907	227,673,227	2	1	3	0
Case 78	1	227,677,506	228,884,405	1	1	2	0
Case 78	1	228,886,880	235,001,591	2	1	3	0
Case 78	1	235,007,056	236,661,920	1	1	2	0
Case 78	1	236,666,907	244,574,657	2	1	3	0
Case 78	1	244,576,717	245,306,896	1	1	2	0
Case 78	1	245,307,406	246,931,242	2	1	3	0
Case 78	1	246,931,824	247,584,075	1	1	2	0
Case 78	1	247,586,336	249,218,992	2	1	3	0
Case 78	2	18,674	92,081,640	1	1	2	0
Case 78	2	95,429,424	110,977,357	1	1	2	0
Case 78	2	110,980,346	111,451,816	0	0	0	0
Case 78	2	111,463,391	203,628,757	1	1	2	0
Case 78	2	203,631,359	204,165,171	1	0	1	0
Case 78	2	204,169,264	243,048,760	1	1	2	0
Case 78	3	61,495	57,209,197	1	1	2	0

Case 78	3	57,219,344	57,545,532	1	0	1	0
Case 78	3	57,545,993	90,442,925	1	1	2	0
Case 78	3	93,537,290	143,970,983	1	1	2	0
Case 78	3	143,985,479	162,491,025	2	1	3	0
Case 78	3	162,495,102	163,661,532	3	1	4	0
Case 78	3	163,662,721	165,468,999	3	0	3	1
Case 78	3	165,476,026	169,222,771	3	1	4	0
Case 78	3	169,227,560	170,150,076	3	0	3	1
Case 78	3	170,150,360	178,575,038	3	1	4	0
Case 78	3	178,585,678	180,321,862	3	0	3	1
Case 78	3	180,322,041	181,785,515	3	1	4	0
Case 78	3	181,801,136	186,549,695	3	0	3	1
Case 78	3	186,550,201	194,063,344	3	1	4	0
Case 78	3	194,064,075	197,838,262	3	0	3	1
Case 78	4	71,566	99,926	1	1	2	0
Case 78	4	109,596	366,713	1	0	1	0
Case 78	4	366,719	8,731,330	1	1	2	0
Case 78	4	8,872,977	9,376,566	2	0	2	1
Case 78	4	9,394,090	9,485,300	7	0	7	1
Case 78	4	9,509,791	38,980,064	1	1	2	0
Case 78	4	38,982,755	39,748,278	1	0	1	0
Case 78	4	39,748,523	49,620,898	1	1	2	0
Case 78	4	52,697,856	88,088,507	1	1	2	0
Case 78	4	88,091,339	88,379,064	1	0	1	0
Case 78	4	88,381,080	113,443,282	1	1	2	0
Case 78	4	113,447,137	113,698,005	1	0	1	0
Case 78	4	113,710,173	115,392,483	1	1	2	0
Case 78	4	115,398,200	115,451,608	0	0	0	0
Case 78	4	115,458,057	190,963,766	1	1	2	0
Case 78	5	38,139	45,905,997	1	1	2	0
Case 78	5	45,925,213	46,399,093	0	0	0	0
Case 78	5	49,457,282	49,564,798	0	0	0	0
Case 78	5	49,586,870	105,854,131	1	1	2	0
Case 78	5	105,866,862	112,860,821	2	1	3	0
Case 78	5	112,868,579	113,078,457	1	1	2	0
Case 78	5	113,079,354	118,740,848	2	1	3	0
Case 78	5	118,743,494	139,930,736	1	1	2	0
Case 78	5	139,931,384	139,931,652	0	0	0	0
Case 78	5	139,931,653	142,779,340	1	1	2	0
Case 78	5	142,779,720	145,464,081	2	1	3	0
Case 78	5	145,465,146	147,363,251	1	1	2	0
Case 78	5	147,369,008	148,672,177	2	1	3	0
Case 78	5	148,672,506	154,477,576	1	1	2	0
Case 78	5	154,478,636	154,509,643	2	1	3	0
Case 78	5	154,510,634	159,903,134	1	1	2	0
Case 78	5	159,904,729	161,838,281	2	1	3	0
Case 78	5	161,839,524	169,124,478	1	1	2	0
Case 78	5	169,126,349	169,540,204	2	1	3	0
Case 78	5	169,540,547	180,467,482	1	1	2	0
Case 78	5	180,469,713	180,693,127	2	1	3	0
Case 78	6	108,666	1,309,171	1	1	2	0
Case 78	6	1,309,918	1,664,675	2	1	3	0
Case 78	6	1,670,717	32,432,406	1	1	2	0
Case 78	6	32,432,835	32,695,022	2	1	3	0
Case 78	6	32,695,082	58,752,089	1	1	2	0
Case 78	6	61,891,118	149,788,080	1	1	2	0
Case 78	6	149,795,154	150,195,384	1	0	1	0
Case 78	6	150,198,491	170,980,171	1	1	2	0
Case 78	7	44,935	57,517,019	1	1	2	0
Case 78	7	57,520,410	58,019,061	0	0	0	0
Case 78	7	61,056,053	62,577,770	0	0	0	0

Case 78	7	62,627,173	90,425,217	1	1	2	0
Case 78	7	90,449,362	91,503,417	2	1	3	0
Case 78	7	91,503,491	92,837,938	1	1	2	0
Case 78	7	92,844,819	96,230,631	2	1	3	0
Case 78	7	96,230,686	103,015,677	1	1	2	0
Case 78	7	103,017,288	104,653,265	2	1	3	0
Case 78	7	104,660,672	105,488,330	1	1	2	0
Case 78	7	105,494,963	105,673,067	2	1	3	0
Case 78	7	105,673,118	159,119,486	1	1	2	0
Case 78	8	164,984	5,593,810	1	1	2	0
Case 78	8	5,599,399	5,605,087	0	0	0	0
Case 78	8	5,607,214	8,895,470	1	1	2	0
Case 78	8	8,899,621	9,205,584	2	1	3	0
Case 78	8	9,206,425	9,640,400	1	1	2	0
Case 78	8	9,646,560	11,162,452	2	1	3	0
Case 78	8	11,162,477	13,251,758	1	1	2	0
Case 78	8	13,253,898	14,095,199	2	1	3	0
Case 78	8	14,098,105	18,258,151	1	1	2	0
Case 78	8	18,258,196	21,771,080	2	1	3	0
Case 78	8	21,773,384	23,326,033	1	1	2	0
Case 78	8	23,337,410	26,007,894	2	1	3	0
Case 78	8	26,021,965	26,847,397	1	1	2	0
Case 78	8	26,849,975	27,852,488	2	1	3	0
Case 78	8	27,853,359	36,766,896	1	1	2	0
Case 78	8	36,766,917	37,688,572	2	1	3	0
Case 78	8	37,688,966	40,230,928	1	1	2	0
Case 78	8	40,243,954	40,789,256	2	1	3	0
Case 78	8	40,793,533	43,791,691	1	1	2	0
Case 78	8	46,886,735	55,327,862	1	1	2	0
Case 78	8	55,329,422	55,824,925	2	1	3	0
Case 78	8	55,828,934	58,093,977	1	1	2	0
Case 78	8	58,096,278	58,722,902	2	1	3	0
Case 78	8	58,730,597	62,475,438	1	1	2	0
Case 78	8	62,476,530	63,930,289	2	1	3	0
Case 78	8	63,933,190	65,509,486	1	1	2	0
Case 78	8	65,509,694	66,411,615	2	1	3	0
Case 78	8	66,436,618	68,339,888	1	1	2	0
Case 78	8	68,340,332	70,591,817	2	1	3	0
Case 78	8	70,594,420	77,763,550	1	1	2	0
Case 78	8	77,763,592	80,882,568	2	1	3	0
Case 78	8	80,901,524	92,867,682	1	1	2	0
Case 78	8	92,867,821	94,587,666	2	1	3	0
Case 78	8	94,627,082	102,770,464	1	1	2	0
Case 78	8	102,774,580	103,138,045	2	1	3	0
Case 78	8	103,139,683	105,672,856	1	1	2	0
Case 78	8	105,674,943	106,880,649	2	1	3	0
Case 78	8	106,890,347	121,550,719	1	1	2	0
Case 78	8	121,551,200	122,249,282	2	1	3	0
Case 78	8	122,257,320	124,630,352	1	1	2	0
Case 78	8	124,631,864	125,326,262	2	1	3	0
Case 78	8	125,343,256	126,631,628	1	1	2	0
Case 78	8	126,632,368	130,465,043	2	1	3	0
Case 78	8	130,469,412	131,701,038	1	1	2	0
Case 78	8	131,709,637	141,059,415	2	1	3	0
Case 78	8	141,061,798	142,518,112	1	1	2	0
Case 78	8	142,527,473	143,625,032	2	1	3	0
Case 78	8	143,628,958	146,293,414	1	1	2	0
Case 78	9	46,587	11,711,459	1	1	2	0
Case 78	9	11,714,572	12,194,296	1	0	1	0
Case 78	9	12,194,855	15,290,174	1	1	2	0
Case 78	9	15,291,691	15,876,247	1	0	1	0

Case 78	9	15,889,411	17,298,289	1	1	2	0
Case 78	9	17,298,291	17,703,386	1	0	1	0
Case 78	9	17,708,814	19,058,733	1	1	2	0
Case 78	9	19,058,734	19,479,201	1	0	1	0
Case 78	9	19,479,536	26,960,085	1	1	2	0
Case 78	9	26,961,976	27,066,281	1	0	1	0
Case 78	9	27,074,233	33,797,951	1	1	2	0
Case 78	9	33,797,991	34,237,044	1	0	1	0
Case 78	9	34,237,480	46,944,322	1	1	2	0
Case 78	9	65,629,772	79,605,912	1	1	2	0
Case 78	9	79,607,007	80,017,018	1	0	1	0
Case 78	9	80,018,236	99,311,177	1	1	2	0
Case 78	9	99,312,032	99,811,206	1	0	1	0
Case 78	9	99,814,841	114,435,668	1	1	2	0
Case 78	9	114,444,565	115,137,476	1	0	1	0
Case 78	9	115,140,133	127,781,208	1	1	2	0
Case 78	9	127,781,259	128,099,572	1	0	1	0
Case 78	9	128,099,707	140,007,817	1	1	2	0
Case 78	9	140,007,869	140,391,739	1	0	1	0
Case 78	9	140,392,494	141,066,491	1	1	2	0
Case 78	10	98,087	27,168,850	1	1	2	0
Case 78	10	27,170,960	27,648,069	1	0	1	0
Case 78	10	27,648,950	39,097,912	1	1	2	0
Case 78	10	42,436,301	58,892,275	1	1	2	0
Case 78	10	58,904,859	58,941,396	0	0	0	0
Case 78	10	58,943,359	135,477,883	1	1	2	0
Case 78	11	193,146	12,260,083	1	1	2	0
Case 78	11	12,260,355	12,342,923	2	1	3	0
Case 78	11	12,343,617	50,332,064	1	1	2	0
Case 78	11	50,345,390	51,372,036	0	0	0	0
Case 78	11	51,379,204	51,591,253	1	1	2	0
Case 78	11	54,794,237	108,043,912	1	1	2	0
Case 78	11	108,043,924	108,203,619	1	0	1	0
Case 78	11	108,205,074	134,934,063	1	1	2	0
Case 78	12	191,619	943,953	1	1	2	0
Case 78	12	966,124	1,438,761	1	0	1	0
Case 78	12	1,440,828	10,423,260	1	1	2	0
Case 78	12	10,424,627	10,742,415	1	0	1	0
Case 78	12	10,743,718	32,050,598	1	1	2	0
Case 78	12	32,052,422	32,211,642	1	0	1	0
Case 78	12	32,213,611	34,362,752	1	1	2	0
Case 78	12	34,375,830	34,853,011	0	0	0	0
Case 78	12	37,876,400	38,359,611	0	0	0	0
Case 78	12	38,416,139	77,472,927	1	1	2	0
Case 78	12	77,476,343	77,644,940	2	0	2	1
Case 78	12	77,652,464	77,738,005	7	0	7	1
Case 78	12	77,738,350	133,810,935	1	1	2	0
Case 78	13	19,058,717	21,787,356	1	1	2	0
Case 78	13	21,789,062	68,394,998	2	1	3	0
Case 78	13	68,407,804	69,456,954	1	1	2	0
Case 78	13	69,459,232	115,103,529	2	1	3	0
Case 78	14	19,280,733	20,295,510	1	1	2	0
Case 78	14	20,295,627	20,404,671	4	0	4	1
Case 78	14	20,404,736	20,420,338	7	0	7	1
Case 78	14	20,425,051	22,599,159	1	1	2	0
Case 78	14	22,605,173	23,027,378	2	1	3	0
Case 78	14	23,030,669	31,359,404	1	1	2	0
Case 78	14	31,360,281	32,294,740	1	0	1	0
Case 78	14	32,295,912	34,892,508	1	1	2	0
Case 78	14	34,895,977	36,444,307	1	0	1	0
Case 78	14	36,449,424	39,245,852	1	1	2	0



Case 78	14	39,260,562	39,870,386	1	0	1	0
Case 78	14	39,870,733	40,737,807	1	1	2	0
Case 78	14	40,741,347	41,113,499	1	0	1	0
Case 78	14	41,118,098	45,606,301	1	1	2	0
Case 78	14	45,606,387	46,505,937	1	0	1	0
Case 78	14	46,531,972	58,669,409	1	1	2	0
Case 78	14	58,669,637	59,097,472	1	0	1	0
Case 78	14	59,101,448	63,784,452	1	1	2	0
Case 78	14	63,786,357	64,546,757	1	0	1	0
Case 78	14	64,547,323	73,958,867	1	1	2	0
Case 78	14	73,959,215	74,687,481	1	0	1	0
Case 78	14	74,688,962	91,927,861	1	1	2	0
Case 78	14	91,931,029	92,657,378	1	0	1	0
Case 78	14	92,659,010	93,684,814	1	1	2	0
Case 78	14	93,685,055	94,084,641	1	0	1	0
Case 78	14	94,087,775	107,287,663	1	1	2	0
Case 78	15	20,034,919	30,737,344	1	1	2	0
Case 78	15	30,919,043	31,106,826	0	0	0	0
Case 78	15	31,108,789	102,461,162	1	1	2	0
Case 78	16	88,165	35,285,582	1	1	2	0
Case 78	16	46,450,037	51,123,801	1	1	2	0
Case 78	16	51,126,732	52,033,613	2	1	3	0
Case 78	16	52,037,601	55,109,891	1	1	2	0
Case 78	16	55,110,037	55,946,322	2	1	3	0
Case 78	16	55,947,034	65,722,555	1	1	2	0
Case 78	16	65,722,818	66,104,842	2	1	3	0
Case 78	16	66,107,935	86,401,481	1	1	2	0
Case 78	16	86,402,109	87,303,835	2	1	3	0
Case 78	16	87,305,069	90,274,695	1	1	2	0
Case 78	17	11,885	1,154,536	1	1	2	0
Case 78	17	1,156,296	4,875,566	2	0	2	1
Case 78	17	4,875,628	4,875,691	7	0	7	1
Case 78	17	4,876,147	15,039,528	1	1	2	0
Case 78	17	15,044,804	15,058,991	0	0	0	0
Case 78	17	15,060,561	16,892,265	1	1	2	0
Case 78	17	16,892,841	21,717,727	2	0	2	1
Case 78	17	21,729,039	21,736,353	7	0	7	1
Case 78	17	21,743,877	22,242,355	1	1	2	0
Case 78	17	25,268,142	25,808,400	1	1	2	0
Case 78	17	25,816,712	26,723,929	2	1	3	0
Case 78	17	26,725,265	30,745,742	1	1	2	0
Case 78	17	30,752,964	35,136,847	2	1	3	0
Case 78	17	35,137,651	35,294,112	3	1	4	0
Case 78	17	35,295,653	35,687,137	3	0	3	1
Case 78	17	35,694,047	36,498,948	5	0	5	1
Case 78	17	36,498,955	37,576,154	6	0	6	1
Case 78	17	37,580,042	38,245,791	7	0	7	1
Case 78	17	38,248,354	41,180,772	1	1	2	0
Case 78	17	41,188,342	41,428,061	1	0	1	0
Case 78	17	41,433,660	81,060,040	1	1	2	0
Case 78	18	87,505	15,375,878	1	1	2	0
Case 78	18	18,520,354	78,015,180	1	1	2	0
Case 78	19	260,912	1,049,360	1	1	2	0
Case 78	19	1,049,396	1,272,040	1	0	1	0
Case 78	19	1,272,049	8,127,331	1	1	2	0
Case 78	19	8,128,460	8,156,221	0	0	0	0
Case 78	19	8,156,357	9,226,265	1	1	2	0
Case 78	19	9,226,425	9,945,935	1	0	1	0
Case 78	19	9,946,917	11,727,503	1	1	2	0
Case 78	19	11,727,763	12,691,185	0	0	0	0
Case 78	19	12,691,335	19,770,513	1	1	2	0

Case 78	19	19,770,591	24,629,285	1	0	1	0
Case 78	19	27,732,159	28,243,881	1	0	1	0
Case 78	19	28,246,742	36,592,569	1	1	2	0
Case 78	19	36,593,666	38,376,594	1	0	1	0
Case 78	19	38,376,804	40,485,978	1	1	2	0
Case 78	19	40,486,136	40,658,577	1	0	1	0
Case 78	19	40,667,691	41,341,589	1	1	2	0
Case 78	19	41,350,895	41,379,148	0	0	0	0
Case 78	19	41,382,476	44,302,624	1	1	2	0
Case 78	19	44,303,066	44,849,565	1	0	1	0
Case 78	19	44,853,707	49,062,495	1	1	2	0
Case 78	19	49,062,563	49,174,077	1	0	1	0
Case 78	19	49,174,170	52,376,032	1	1	2	0
Case 78	19	52,376,040	54,011,384	1	0	1	0
Case 78	19	54,017,258	57,864,488	1	1	2	0
Case 78	19	57,866,873	58,491,149	1	0	1	0
Case 78	19	58,491,461	59,097,160	1	1	2	0
Case 78	20	63,244	26,293,985	1	1	2	0
Case 78	20	29,425,357	32,880,243	1	1	2	0
Case 78	20	32,881,902	62,948,788	2	1	3	0
Case 78	21	10,827,533	10,971,337	1	1	2	0
Case 78	21	14,368,320	17,761,933	1	1	2	0
Case 78	21	17,762,041	18,388,348	1	0	1	0
Case 78	21	18,393,009	20,868,326	1	1	2	0
Case 78	21	20,871,728	23,579,133	1	0	1	0
Case 78	21	23,583,805	34,621,138	1	1	2	0
Case 78	21	34,624,976	35,166,803	1	0	1	0
Case 78	21	35,168,029	40,492,274	1	1	2	0
Case 78	21	40,492,859	40,941,498	1	0	1	0
Case 78	21	40,942,788	41,008,956	1	1	2	0
Case 78	21	41,010,801	41,260,260	2	1	3	0
Case 78	21	41,261,290	48,100,155	1	1	2	0
Case 78	22	16,114,244	51,195,728	1	1	2	0
Case 79	1	82,154	12,907,689	1	1	2	0
Case 79	1	12,913,896	12,920,053	4	1	5	0
Case 79	1	12,921,252	73,736,562	1	1	2	0
Case 79	1	73,742,019	73,910,055	5	0	5	1
Case 79	1	73,927,488	121,346,616	1	1	2	0
Case 79	1	142,649,718	249,218,992	1	1	2	0
Case 79	2	18,674	92,081,640	1	1	2	0
Case 79	2	95,429,424	109,381,215	1	1	2	0
Case 79	2	109,381,326	109,498,997	1	0	1	0
Case 79	2	109,501,066	152,293,365	1	1	2	0
Case 79	2	152,293,370	152,331,418	1	0	1	0
Case 79	2	152,331,745	243,048,760	1	1	2	0
Case 79	3	61,495	37,323,488	1	1	2	0
Case 79	3	37,323,645	37,458,851	1	0	1	0
Case 79	3	37,458,926	44,598,609	1	1	2	0
Case 79	3	44,598,757	44,884,687	1	0	1	0
Case 79	3	44,889,517	90,442,925	1	1	2	0
Case 79	3	93,537,290	197,838,262	1	1	2	0
Case 79	4	71,566	502,911	1	0	1	0
Case 79	4	504,012	2,160,925	1	1	2	0
Case 79	4	2,160,940	2,238,099	1	0	1	0
Case 79	4	2,240,337	49,620,898	1	1	2	0
Case 79	4	52,697,856	190,963,766	1	1	2	0
Case 79	5	38,139	37,770,836	1	1	2	0
Case 79	5	37,772,221	38,368,719	2	1	3	0
Case 79	5	38,370,101	46,399,093	1	1	2	0
Case 79	5	49,457,282	79,686,227	1	1	2	0
Case 79	5	79,695,370	79,812,343	1	0	1	0

Case 79	5	79,815,529	89,687,267	1	1	2	0
Case 79	5	89,702,241	90,077,028	1	0	1	0
Case 79	5	90,079,067	139,930,736	1	1	2	0
Case 79	5	139,931,384	139,931,652	0	0	0	0
Case 79	5	139,931,653	180,693,127	1	1	2	0
Case 79	6	108,666	31,192,796	1	1	2	0
Case 79	6	31,193,155	31,232,111	1	0	1	0
Case 79	6	31,232,543	58,752,089	1	1	2	0
Case 79	6	61,891,118	170,980,171	1	1	2	0
Case 79	7	44,935	26,565,535	1	1	2	0
Case 79	7	26,566,266	26,597,211	2	1	3	0
Case 79	7	26,600,300	57,882,950	1	1	2	0
Case 79	7	58,007,774	58,019,061	0	0	0	0
Case 79	7	61,056,053	62,561,412	0	0	0	0
Case 79	7	62,577,770	100,674,467	1	1	2	0
Case 79	7	100,674,899	100,685,715	1	0	1	0
Case 79	7	100,685,727	159,119,486	1	1	2	0
Case 79	8	164,984	196,327	1	0	1	0
Case 79	8	196,884	27,595,880	1	1	2	0
Case 79	8	27,596,623	27,715,116	1	0	1	0
Case 79	8	27,718,347	43,791,691	1	1	2	0
Case 79	8	46,886,735	53,973,180	1	1	2	0
Case 79	8	53,975,616	54,453,422	2	1	3	0
Case 79	8	54,454,745	55,198,267	1	1	2	0
Case 79	8	55,198,858	55,423,687	2	1	3	0
Case 79	8	55,427,589	59,515,933	1	1	2	0
Case 79	8	59,517,958	61,586,261	2	1	3	0
Case 79	8	61,590,175	62,171,565	1	1	2	0
Case 79	8	62,172,668	63,915,482	2	1	3	0
Case 79	8	63,922,114	73,987,487	1	1	2	0
Case 79	8	73,990,808	75,227,537	2	1	3	0
Case 79	8	75,227,675	79,825,547	1	1	2	0
Case 79	8	79,831,262	80,237,893	2	1	3	0
Case 79	8	80,239,298	90,132,402	1	1	2	0
Case 79	8	90,133,583	90,357,820	2	1	3	0
Case 79	8	90,366,827	103,428,008	1	1	2	0
Case 79	8	103,430,407	103,732,321	2	1	3	0
Case 79	8	103,732,337	107,278,277	1	1	2	0
Case 79	8	107,280,050	107,669,928	2	1	3	0
Case 79	8	107,682,407	108,462,641	1	1	2	0
Case 79	8	108,463,603	110,345,261	2	1	3	0
Case 79	8	110,346,363	113,748,216	1	1	2	0
Case 79	8	113,748,657	115,003,926	2	1	3	0
Case 79	8	115,004,205	118,662,584	1	1	2	0
Case 79	8	118,663,018	119,246,066	2	1	3	0
Case 79	8	119,247,995	122,641,109	1	1	2	0
Case 79	8	122,642,363	122,975,593	2	1	3	0
Case 79	8	122,976,795	127,208,253	1	1	2	0
Case 79	8	127,225,738	129,249,391	2	1	3	0
Case 79	8	129,250,493	133,045,372	1	1	2	0
Case 79	8	133,045,399	133,685,650	2	1	3	0
Case 79	8	133,690,193	135,346,972	1	1	2	0
Case 79	8	135,348,578	137,079,029	2	1	3	0
Case 79	8	137,090,664	140,300,344	1	1	2	0
Case 79	8	140,300,612	141,100,784	2	1	3	0
Case 79	8	141,100,950	142,452,509	1	1	2	0
Case 79	8	142,453,585	142,972,130	2	1	3	0
Case 79	8	142,972,383	146,293,414	1	1	2	0
Case 79	9	46,587	5,196,253	1	1	2	0
Case 79	9	5,200,127	5,302,095	1	0	1	0
Case 79	9	5,306,824	17,167,963	1	1	2	0

Case 79	9	17,181,174	17,416,158	1	0	1	0
Case 79	9	17,417,026	26,923,285	1	1	2	0
Case 79	9	26,923,304	27,095,072	1	0	1	0
Case 79	9	27,098,940	29,024,894	1	1	2	0
Case 79	9	29,032,248	29,400,712	2	1	3	0
Case 79	9	29,402,291	36,697,735	1	1	2	0
Case 79	9	36,702,096	37,056,373	2	1	3	0
Case 79	9	37,066,231	46,944,322	1	1	2	0
Case 79	9	65,629,772	79,829,278	1	1	2	0
Case 79	9	79,835,101	80,014,376	1	0	1	0
Case 79	9	80,017,018	99,519,505	1	1	2	0
Case 79	9	99,521,119	99,525,487	0	0	0	0
Case 79	9	99,525,494	141,066,491	1	1	2	0
Case 79	10	98,087	38,672,399	1	1	2	0
Case 79	10	38,674,609	39,097,912	1	0	1	0
Case 79	10	42,436,301	42,907,260	1	0	1	0
Case 79	10	42,916,042	91,477,234	1	1	2	0
Case 79	10	91,477,337	91,522,558	1	0	1	0
Case 79	10	91,522,564	135,477,883	1	1	2	0
Case 79	11	193,146	51,591,253	1	1	2	0
Case 79	11	54,794,237	134,934,063	1	1	2	0
Case 79	12	191,619	7,993,316	1	1	2	0
Case 79	12	8,000,912	8,125,745	5	0	5	1
Case 79	12	8,130,958	21,013,948	1	1	2	0
Case 79	12	21,014,030	21,411,854	1	0	1	0
Case 79	12	21,416,413	34,819,926	1	1	2	0
Case 79	12	34,826,574	34,853,011	1	0	1	0
Case 79	12	37,876,400	38,653,605	1	0	1	0
Case 79	12	38,655,232	88,390,262	1	1	2	0
Case 79	12	88,393,916	88,589,256	1	0	1	0
Case 79	12	88,624,902	133,732,604	1	1	2	0
Case 79	12	133,732,685	133,810,935	1	0	1	0
Case 79	13	19,058,717	115,103,529	1	1	2	0
Case 79	14	19,280,733	20,420,338	1	0	1	0
Case 79	14	20,425,051	45,606,387	1	1	2	0
Case 79	14	45,618,040	45,716,152	1	0	1	0
Case 79	14	45,716,366	92,436,177	1	1	2	0
Case 79	14	92,436,180	92,499,348	1	0	1	0
Case 79	14	92,503,576	107,287,663	1	1	2	0
Case 79	15	20,034,919	20,212,798	1	1	2	0
Case 79	15	20,612,840	22,427,966	4	1	5	0
Case 79	15	22,652,330	62,135,922	1	1	2	0
Case 79	15	62,140,034	62,300,870	1	0	1	0
Case 79	15	62,300,929	102,461,162	1	1	2	0
Case 79	16	88,165	35,285,582	1	1	2	0
Case 79	16	46,450,037	55,778,836	1	1	2	0
Case 79	16	55,779,556	55,863,049	3	0	3	1
Case 79	16	55,864,452	72,276,824	1	1	2	0
Case 79	16	72,291,732	72,314,252	4	1	5	0
Case 79	16	72,329,510	90,274,695	1	1	2	0
Case 79	17	11,885	10,251,811	1	1	2	0
Case 79	17	10,253,908	10,428,620	1	0	1	0
Case 79	17	10,428,863	22,242,355	1	1	2	0
Case 79	17	25,268,142	37,676,209	1	1	2	0
Case 79	17	37,682,375	37,899,280	5	2	7	0
Case 79	17	37,899,652	38,073,569	4	0	4	1
Case 79	17	38,074,518	38,405,037	2	1	3	0
Case 79	17	38,406,907	38,430,059	1	1	2	0
Case 79	17	38,443,493	38,671,228	6	0	6	1
Case 79	17	38,698,666	39,122,939	4	0	4	1
Case 79	17	39,134,541	39,637,832	1	1	2	0

Case 79	17	39,638,548	39,974,665	4	0	4	1
Case 79	17	39,975,563	81,060,040	1	1	2	0
Case 79	18	87,505	15,375,878	1	1	2	0
Case 79	18	18,520,354	78,015,180	1	1	2	0
Case 79	19	260,912	697,514	1	1	2	0
Case 79	19	699,109	903,120	1	0	1	0
Case 79	19	904,528	2,833,943	1	1	2	0
Case 79	19	2,834,080	2,939,366	1	0	1	0
Case 79	19	2,939,396	9,380,978	1	1	2	0
Case 79	19	9,395,584	9,886,283	1	0	1	0
Case 79	19	9,912,917	11,819,193	1	1	2	0
Case 79	19	11,828,410	12,768,913	1	0	1	0
Case 79	19	12,768,948	19,822,049	1	1	2	0
Case 79	19	19,822,451	19,823,734	0	1	0	0
Case 79	19	19,824,850	19,902,916	1	1	2	0
Case 79	19	19,905,376	20,118,066	1	0	1	0
Case 79	19	20,123,246	21,233,388	1	1	2	0
Case 79	19	21,239,478	22,031,822	1	0	1	0
Case 79	19	22,034,819	23,804,041	1	1	2	0
Case 79	19	23,814,365	24,629,285	1	0	1	0
Case 79	19	27,732,159	28,319,922	1	0	1	0
Case 79	19	28,327,584	37,285,393	1	1	2	0
Case 79	19	37,289,017	37,442,926	1	0	1	0
Case 79	19	37,455,903	37,835,658	1	1	2	0
Case 79	19	37,837,587	38,230,743	1	0	1	0
Case 79	19	38,231,008	40,519,935	1	1	2	0
Case 79	19	40,520,457	40,636,400	1	0	1	0
Case 79	19	40,637,615	41,333,251	1	1	2	0
Case 79	19	41,333,284	41,386,033	0	0	0	0
Case 79	19	41,392,885	44,348,824	1	1	2	0
Case 79	19	44,348,919	44,510,341	1	0	1	0
Case 79	19	44,511,223	52,379,835	1	1	2	0
Case 79	19	52,380,624	52,658,547	1	0	1	0
Case 79	19	52,659,362	52,772,880	1	1	2	0
Case 79	19	52,788,289	53,464,639	1	0	1	0
Case 79	19	53,465,008	53,571,306	1	1	2	0
Case 79	19	53,571,679	53,746,938	1	0	1	0
Case 79	19	53,747,000	54,722,700	1	1	2	0
Case 79	19	54,731,679	54,749,011	4	0	4	1
Case 79	19	54,753,543	58,101,681	1	1	2	0
Case 79	19	58,101,790	58,491,627	1	0	1	0
Case 79	19	58,494,665	59,097,160	1	1	2	0
Case 79	20	63,244	26,293,985	1	1	2	0
Case 79	20	29,425,357	62,948,788	1	1	2	0
Case 79	21	10,827,533	10,971,337	1	1	2	0
Case 79	21	14,368,320	48,100,155	1	1	2	0
Case 79	22	16,114,244	51,195,728	1	1	2	0
Case 80	1	82,154	1,196,471	5	0	5	1
Case 80	1	1,197,591	1,197,591	3	0	3	1
Case 80	1	1,201,632	1,322,667	6	0	6	1
Case 80	1	1,322,735	1,322,765	4	0	4	1
Case 80	1	1,322,868	1,664,124	5	0	5	1
Case 80	1	1,680,219	1,776,269	4	0	4	1
Case 80	1	1,781,220	2,038,732	3	0	3	1
Case 80	1	2,040,898	5,154,882	4	0	4	1
Case 80	1	5,156,245	5,732,473	5	0	5	1
Case 80	1	5,736,682	6,822,235	4	0	4	1
Case 80	1	6,826,467	7,368,829	5	0	5	1
Case 80	1	7,372,804	8,074,872	4	0	4	1
Case 80	1	8,075,618	9,030,959	5	0	5	1
Case 80	1	9,030,964	11,982,544	4	0	4	1

Case 80	1	11,983,517	12,450,829	5	0	5	1
Case 80	1	12,460,315	13,743,099	4	0	4	1
Case 80	1	13,775,026	14,096,821	5	0	5	1
Case 80	1	14,099,574	14,149,672	4	0	4	1
Case 80	1	14,150,032	15,610,609	5	0	5	1
Case 80	1	15,613,478	15,860,803	4	0	4	1
Case 80	1	15,865,604	19,809,758	3	0	3	1
Case 80	1	19,822,813	20,087,406	5	0	5	1
Case 80	1	20,090,156	20,090,156	3	0	3	1
Case 80	1	20,091,859	20,096,176	2	2	4	0
Case 80	1	20,096,220	20,407,222	7	0	7	1
Case 80	1	20,408,088	20,408,088	2	1	3	0
Case 80	1	20,409,374	20,409,374	3	0	3	1
Case 80	1	20,410,795	20,680,718	4	0	4	1
Case 80	1	20,681,159	20,943,139	5	0	5	1
Case 80	1	20,943,195	22,448,217	4	0	4	1
Case 80	1	22,450,487	23,708,989	5	0	5	1
Case 80	1	23,709,370	24,784,035	4	0	4	1
Case 80	1	24,785,393	25,555,672	5	0	5	1
Case 80	1	25,555,813	26,140,573	4	0	4	1
Case 80	1	26,142,081	26,988,026	3	0	3	1
Case 80	1	27,020,012	27,068,202	5	0	5	1
Case 80	1	27,087,917	36,082,395	3	0	3	1
Case 80	1	36,095,055	37,000,226	4	0	4	1
Case 80	1	37,001,923	38,059,416	3	0	3	1
Case 80	1	38,078,300	38,158,648	4	0	4	1
Case 80	1	38,163,387	39,240,298	3	0	3	1
Case 80	1	39,242,855	39,926,824	4	0	4	1
Case 80	1	39,929,240	43,906,169	3	0	3	1
Case 80	1	43,907,176	44,013,355	4	0	4	1
Case 80	1	44,024,484	45,716,285	3	0	3	1
Case 80	1	45,740,469	45,821,478	4	0	4	1
Case 80	1	45,851,627	53,751,610	3	0	3	1
Case 80	1	53,752,134	53,925,247	5	0	5	1
Case 80	1	53,926,037	59,832,762	3	0	3	1
Case 80	1	59,841,785	61,129,957	5	0	5	1
Case 80	1	61,132,661	61,338,495	3	0	3	1
Case 80	1	61,341,375	64,038,174	5	0	5	1
Case 80	1	64,046,766	72,081,112	3	0	3	1
Case 80	1	72,088,017	72,384,596	2	0	2	1
Case 80	1	72,385,590	85,009,864	3	0	3	1
Case 80	1	85,009,894	85,016,112	2	1	3	0
Case 80	1	85,016,177	85,035,778	2	0	2	1
Case 80	1	85,036,315	95,958,467	3	0	3	1
Case 80	1	95,966,161	98,667,546	5	0	5	1
Case 80	1	98,669,164	99,922,216	3	0	3	1
Case 80	1	99,924,542	99,971,142	5	0	5	1
Case 80	1	99,994,648	100,200,184	3	0	3	1
Case 80	1	100,203,648	100,221,928	3	1	4	0
Case 80	1	100,225,317	110,535,915	3	0	3	1
Case 80	1	110,538,926	110,674,137	5	0	5	1
Case 80	1	110,677,023	116,970,461	3	0	3	1
Case 80	1	116,988,030	120,523,902	5	0	5	1
Case 80	1	120,548,070	121,346,616	4	0	4	1
Case 80	1	142,649,718	145,702,497	4	0	4	1
Case 80	1	145,703,115	147,806,652	5	0	5	1
Case 80	1	147,807,277	151,761,865	4	0	4	1
Case 80	1	151,763,246	151,763,246	3	0	3	1
Case 80	1	151,770,138	152,185,649	6	0	6	1
Case 80	1	152,191,007	152,331,330	4	0	4	1
Case 80	1	152,331,354	153,410,682	5	0	5	1

Case 80	1	153,410,751	154,811,420	4	0	4	1
Case 80	1	154,811,435	155,105,882	5	0	5	1
Case 80	1	155,106,227	155,106,227	3	0	3	1
Case 80	1	155,106,446	155,255,837	6	0	6	1
Case 80	1	155,257,018	155,993,456	4	0	4	1
Case 80	1	155,995,080	156,228,816	5	0	5	1
Case 80	1	156,230,304	157,094,802	4	0	4	1
Case 80	1	157,095,470	157,514,685	5	0	5	1
Case 80	1	157,516,802	157,596,949	4	0	4	1
Case 80	1	157,605,501	158,389,900	5	0	5	1
Case 80	1	158,389,993	158,725,345	4	0	4	1
Case 80	1	158,725,348	159,748,745	5	0	5	1
Case 80	1	159,749,188	161,723,013	4	0	4	1
Case 80	1	161,726,654	162,008,079	5	0	5	1
Case 80	1	162,010,787	168,443,178	4	0	4	1
Case 80	1	168,445,500	169,363,203	5	0	5	1
Case 80	1	169,366,494	192,845,807	4	0	4	1
Case 80	1	192,880,701	193,181,196	2	0	2	1
Case 80	1	193,193,597	201,354,891	4	0	4	1
Case 80	1	201,355,522	201,689,201	5	0	5	1
Case 80	1	201,692,871	201,983,055	4	0	4	1
Case 80	1	201,983,242	201,983,242	3	0	3	1
Case 80	1	201,986,418	202,122,956	6	0	6	1
Case 80	1	202,124,711	206,967,152	4	0	4	1
Case 80	1	206,968,893	207,188,207	6	0	6	1
Case 80	1	207,189,574	207,190,293	4	0	4	1
Case 80	1	207,191,164	207,211,388	6	1	7	0
Case 80	1	207,217,359	225,776,831	4	0	4	1
Case 80	1	225,792,814	226,053,660	5	0	5	1
Case 80	1	226,054,333	226,305,741	4	0	4	1
Case 80	1	226,313,525	226,567,298	5	0	5	1
Case 80	1	226,567,661	234,908,088	4	0	4	1
Case 80	1	234,909,298	235,577,905	5	0	5	1
Case 80	1	235,582,810	249,218,992	4	0	4	1
Case 80	2	18,674	2,667,339	2	1	3	0
Case 80	2	2,670,178	2,777,618	2	2	4	0
Case 80	2	2,778,016	3,651,953	2	1	3	0
Case 80	2	3,652,023	3,905,982	2	2	4	0
Case 80	2	3,909,150	5,893,301	2	1	3	0
Case 80	2	5,896,537	6,204,508	2	2	4	0
Case 80	2	6,214,229	6,550,266	2	1	3	0
Case 80	2	6,551,857	6,606,787	3	1	4	0
Case 80	2	6,611,401	6,937,310	2	1	3	0
Case 80	2	6,937,593	7,036,621	2	2	4	0
Case 80	2	7,036,678	7,320,746	2	1	3	0
Case 80	2	7,322,437	7,523,858	2	2	4	0
Case 80	2	7,525,664	8,099,581	2	1	3	0
Case 80	2	8,100,477	8,654,581	2	2	4	0
Case 80	2	8,657,302	9,165,288	2	1	3	0
Case 80	2	9,185,559	9,914,751	3	1	4	0
Case 80	2	9,922,283	10,126,416	4	1	5	0
Case 80	2	10,131,122	10,310,957	2	2	4	0
Case 80	2	10,312,826	10,451,165	4	1	5	0
Case 80	2	10,453,849	10,512,382	2	2	4	0
Case 80	2	10,512,580	10,684,391	3	2	5	0
Case 80	2	10,685,243	11,272,784	2	2	4	0
Case 80	2	11,273,626	11,503,351	2	1	3	0
Case 80	2	11,505,213	11,791,754	2	2	4	0
Case 80	2	11,792,857	11,823,585	2	1	3	0
Case 80	2	11,834,635	12,453,068	3	1	4	0
Case 80	2	12,454,023	13,330,848	2	2	4	0

Case 80	2	13,333,326	15,720,031	2	1	3	0
Case 80	2	15,722,380	16,123,173	2	2	4	0
Case 80	2	16,128,823	16,527,624	3	2	5	0
Case 80	2	16,531,549	16,943,918	3	1	4	0
Case 80	2	16,944,727	17,963,098	2	1	3	0
Case 80	2	17,963,109	17,973,438	2	2	4	0
Case 80	2	17,975,091	18,247,962	3	2	5	0
Case 80	2	18,260,937	18,653,880	5	2	7	0
Case 80	2	18,664,806	19,184,996	3	2	5	0
Case 80	2	19,226,545	19,311,718	5	2	7	0
Case 80	2	19,317,936	19,546,795	3	2	5	0
Case 80	2	19,549,981	19,549,981	2	2	4	0
Case 80	2	19,550,625	20,599,304	4	2	6	0
Case 80	2	20,600,312	28,046,028	3	2	5	0
Case 80	2	28,050,468	28,901,313	2	2	4	0
Case 80	2	28,902,004	29,446,701	2	1	3	0
Case 80	2	29,447,108	30,082,600	2	2	4	0
Case 80	2	30,086,291	30,418,294	2	1	3	0
Case 80	2	30,421,533	30,636,263	3	1	4	0
Case 80	2	30,636,916	30,951,486	2	1	3	0
Case 80	2	30,951,919	31,758,781	2	2	4	0
Case 80	2	31,758,787	32,613,882	2	1	3	0
Case 80	2	32,621,143	32,689,829	2	0	2	1
Case 80	2	32,689,838	32,918,720	3	0	3	1
Case 80	2	32,922,558	33,430,110	2	2	4	0
Case 80	2	33,447,092	35,129,304	2	1	3	0
Case 80	2	35,130,378	35,584,461	4	2	6	0
Case 80	2	35,591,234	36,017,688	2	1	3	0
Case 80	2	36,019,937	36,122,388	2	2	4	0
Case 80	2	36,123,261	41,559,590	3	2	5	0
Case 80	2	41,623,189	42,180,912	3	3	6	0
Case 80	2	42,182,063	42,211,659	4	3	7	0
Case 80	2	42,214,495	42,214,495	2	2	4	0
Case 80	2	42,227,952	42,468,471	4	2	6	0
Case 80	2	42,470,794	43,086,466	3	2	5	0
Case 80	2	43,091,100	43,321,742	4	2	6	0
Case 80	2	43,330,109	47,184,447	3	2	5	0
Case 80	2	47,187,393	47,217,094	5	2	7	0
Case 80	2	47,220,285	47,426,010	3	2	5	0
Case 80	2	47,431,143	47,629,898	5	2	7	0
Case 80	2	47,630,353	61,729,395	3	2	5	0
Case 80	2	61,731,478	61,944,755	5	2	7	0
Case 80	2	61,945,590	64,400,608	3	2	5	0
Case 80	2	64,401,060	64,402,689	2	2	4	0
Case 80	2	64,407,710	64,769,481	4	2	6	0
Case 80	2	64,772,146	77,745,815	3	2	5	0
Case 80	2	77,745,866	77,746,839	2	2	4	0
Case 80	2	77,747,669	78,937,122	4	2	6	0
Case 80	2	78,945,755	79,055,423	3	2	5	0
Case 80	2	79,056,092	79,641,996	5	2	7	0
Case 80	2	79,643,276	92,081,640	3	2	5	0
Case 80	2	95,429,424	96,541,695	3	2	5	0
Case 80	2	96,560,303	96,966,788	2	2	4	0
Case 80	2	96,981,369	97,398,813	3	2	5	0
Case 80	2	97,399,339	109,473,379	2	2	4	0
Case 80	2	109,489,976	109,652,644	3	2	5	0
Case 80	2	109,662,043	113,542,960	2	2	4	0
Case 80	2	113,544,007	113,590,467	3	2	5	0
Case 80	2	113,591,275	117,495,809	2	2	4	0
Case 80	2	117,516,618	117,737,432	3	0	3	1
Case 80	2	117,744,591	121,948,307	2	2	4	0



Case 80	2	121,948,846	122,117,738	3	2	5	0
Case 80	2	122,123,637	130,953,944	2	2	4	0
Case 80	2	130,982,377	131,082,639	4	2	6	0
Case 80	2	131,089,135	131,573,575	3	2	5	0
Case 80	2	131,588,535	144,869,044	2	2	4	0
Case 80	2	144,879,302	145,079,065	3	0	3	1
Case 80	2	145,126,711	152,955,482	2	2	4	0
Case 80	2	152,955,805	153,164,514	4	2	6	0
Case 80	2	153,183,646	160,815,093	2	2	4	0
Case 80	2	160,824,100	160,998,570	3	2	5	0
Case 80	2	160,998,581	173,011,537	2	2	4	0
Case 80	2	173,013,373	173,311,553	4	2	6	0
Case 80	2	173,316,523	174,879,174	2	2	4	0
Case 80	2	174,891,414	175,009,066	3	0	3	1
Case 80	2	175,025,275	186,345,148	2	2	4	0
Case 80	2	186,387,129	186,646,161	4	2	6	0
Case 80	2	186,653,394	187,213,730	2	2	4	0
Case 80	2	187,240,797	187,410,817	3	0	3	1
Case 80	2	187,415,917	187,521,260	0	0	0	0
Case 80	2	187,523,880	187,523,880	3	0	3	1
Case 80	2	187,526,672	187,526,672	2	1	3	0
Case 80	2	187,529,315	187,615,917	2	0	2	1
Case 80	2	187,618,680	187,643,406	3	0	3	1
Case 80	2	187,644,547	208,842,154	2	2	4	0
Case 80	2	208,842,185	209,655,509	3	2	5	0
Case 80	2	209,659,046	219,204,562	2	2	4	0
Case 80	2	219,204,592	219,397,937	3	2	5	0
Case 80	2	219,409,308	228,363,432	2	2	4	0
Case 80	2	228,372,956	228,552,234	4	2	6	0
Case 80	2	228,552,881	232,316,617	2	2	4	0
Case 80	2	232,321,956	232,717,857	3	2	5	0
Case 80	2	232,718,042	243,048,760	2	2	4	0
Case 80	3	61,495	9,660,064	5	0	5	1
Case 80	3	9,673,018	10,372,840	4	0	4	1
Case 80	3	10,374,314	10,709,750	5	0	5	1
Case 80	3	10,711,702	11,647,173	4	0	4	1
Case 80	3	11,647,301	12,487,047	5	0	5	1
Case 80	3	12,487,511	13,057,791	4	0	4	1
Case 80	3	13,066,535	13,157,050	5	0	5	1
Case 80	3	13,161,100	13,701,622	4	0	4	1
Case 80	3	13,705,345	14,700,436	5	0	5	1
Case 80	3	14,702,351	14,863,096	4	0	4	1
Case 80	3	14,865,367	14,865,367	3	0	3	1
Case 80	3	14,871,766	15,810,605	6	0	6	1
Case 80	3	15,812,085	15,812,085	4	0	4	1
Case 80	3	15,812,343	16,990,119	5	0	5	1
Case 80	3	17,002,619	17,120,206	3	0	3	1
Case 80	3	17,121,692	37,310,849	5	0	5	1
Case 80	3	37,313,088	37,388,702	4	0	4	1
Case 80	3	37,396,678	37,716,880	3	0	3	1
Case 80	3	37,721,795	37,986,249	5	0	5	1
Case 80	3	37,996,268	38,350,134	4	0	4	1
Case 80	3	38,350,519	38,926,829	5	0	5	1
Case 80	3	38,928,643	39,170,782	4	0	4	1
Case 80	3	39,170,800	39,228,676	5	0	5	1
Case 80	3	39,228,772	39,265,616	4	0	4	1
Case 80	3	39,267,352	53,796,091	3	0	3	1
Case 80	3	53,799,960	54,053,981	2	0	2	1
Case 80	3	54,063,193	60,333,449	3	0	3	1
Case 80	3	60,337,651	60,374,028	0	0	0	0
Case 80	3	60,379,253	60,931,990	3	0	3	1

Case 80	3	60,933,934	61,205,924	0	0	0	0
Case 80	3	61,211,945	85,661,265	3	0	3	1
Case 80	3	85,663,849	88,992,369	3	1	4	0
Case 80	3	88,993,275	90,442,925	3	2	5	0
Case 80	3	93,537,290	109,178,758	3	2	5	0
Case 80	3	109,182,586	109,182,586	3	0	3	1
Case 80	3	109,195,046	109,591,203	4	0	4	1
Case 80	3	109,604,806	109,618,919	4	2	6	0
Case 80	3	109,621,818	112,992,140	3	2	5	0
Case 80	3	112,993,063	113,179,485	2	2	4	0
Case 80	3	113,179,497	119,606,078	3	2	5	0
Case 80	3	119,610,793	120,123,739	3	3	6	0
Case 80	3	120,123,818	124,826,403	3	2	5	0
Case 80	3	124,826,408	174,225,345	3	1	4	0
Case 80	3	174,231,077	174,486,282	4	1	5	0
Case 80	3	174,494,183	174,540,381	2	2	4	0
Case 80	3	174,563,022	174,596,166	2	1	3	0
Case 80	3	174,608,936	174,757,260	2	0	2	1
Case 80	3	174,764,910	174,951,784	3	0	3	1
Case 80	3	174,961,387	175,128,075	3	1	4	0
Case 80	3	175,134,330	175,403,905	2	1	3	0
Case 80	3	175,410,177	176,980,658	3	1	4	0
Case 80	3	176,981,307	177,990,186	3	2	5	0
Case 80	3	178,007,676	178,107,949	3	0	3	1
Case 80	3	178,118,625	178,571,997	3	2	5	0
Case 80	3	178,575,038	180,359,874	2	2	4	0
Case 80	3	180,364,961	182,597,321	3	2	5	0
Case 80	3	182,602,594	184,223,392	2	2	4	0
Case 80	3	184,223,454	184,339,757	3	2	5	0
Case 80	3	184,343,037	187,992,608	2	2	4	0
Case 80	3	187,995,491	188,114,458	4	2	6	0
Case 80	3	188,114,589	192,937,401	3	2	5	0
Case 80	3	192,948,186	193,415,750	2	2	4	0
Case 80	3	193,417,179	193,724,534	4	2	6	0
Case 80	3	193,728,370	197,712,759	2	2	4	0
Case 80	3	197,724,348	197,838,262	4	2	6	0
Case 80	4	71,566	517,639	3	0	3	1
Case 80	4	517,686	681,778	2	1	3	0
Case 80	4	681,940	944,210	2	2	4	0
Case 80	4	944,249	1,988,103	2	1	3	0
Case 80	4	1,988,193	2,306,739	2	0	2	1
Case 80	4	2,306,871	2,451,467	3	0	3	1
Case 80	4	2,451,694	3,514,695	2	1	3	0
Case 80	4	3,514,715	3,711,721	2	2	4	0
Case 80	4	3,712,082	4,249,300	2	1	3	0
Case 80	4	4,249,620	5,641,753	2	2	4	0
Case 80	4	5,642,161	5,865,088	2	1	3	0
Case 80	4	5,865,361	6,575,960	2	2	4	0
Case 80	4	6,577,023	7,172,750	2	1	3	0
Case 80	4	7,172,827	7,426,937	2	2	4	0
Case 80	4	7,427,899	7,463,304	2	1	3	0
Case 80	4	7,465,277	7,738,369	2	2	4	0
Case 80	4	7,738,730	9,849,528	2	1	3	0
Case 80	4	9,859,976	12,108,239	2	2	4	0
Case 80	4	12,138,827	12,633,072	2	1	3	0
Case 80	4	12,634,511	13,874,388	2	2	4	0
Case 80	4	13,874,500	13,904,166	3	0	3	1
Case 80	4	13,904,303	14,962,496	3	1	4	0
Case 80	4	14,972,561	15,096,523	3	0	3	1
Case 80	4	15,101,916	15,259,423	3	1	4	0
Case 80	4	15,262,507	15,716,923	2	1	3	0

Case 80	4	15,717,321	16,135,475	2	2	4	0
Case 80	4	16,138,165	16,510,235	3	1	4	0
Case 80	4	16,511,887	17,816,572	2	2	4	0
Case 80	4	17,816,950	17,910,840	2	1	3	0
Case 80	4	17,919,811	19,047,617	2	2	4	0
Case 80	4	19,056,475	19,609,939	2	1	3	0
Case 80	4	19,616,531	19,821,565	3	0	3	1
Case 80	4	19,827,258	20,289,373	2	2	4	0
Case 80	4	20,292,239	21,286,777	2	1	3	0
Case 80	4	21,292,213	25,119,575	2	2	4	0
Case 80	4	25,123,344	25,394,785	2	1	3	0
Case 80	4	25,397,459	26,585,881	2	2	4	0
Case 80	4	26,591,253	27,019,452	2	1	3	0
Case 80	4	27,019,456	27,601,868	2	2	4	0
Case 80	4	27,602,132	35,727,026	2	1	3	0
Case 80	4	35,731,201	35,904,938	3	1	4	0
Case 80	4	35,908,009	36,230,585	2	1	3	0
Case 80	4	36,230,607	36,447,541	3	1	4	0
Case 80	4	36,449,901	36,583,469	3	0	3	1
Case 80	4	36,597,275	37,235,854	3	1	4	0
Case 80	4	37,238,325	37,272,433	3	2	5	0
Case 80	4	37,285,195	37,854,182	2	2	4	0
Case 80	4	37,856,777	37,868,667	2	1	3	0
Case 80	4	37,868,805	37,999,876	3	1	4	0
Case 80	4	38,006,686	38,376,012	5	1	6	0
Case 80	4	38,376,515	38,413,846	4	2	6	0
Case 80	4	38,419,597	40,190,463	2	1	3	0
Case 80	4	40,194,572	40,221,675	2	2	4	0
Case 80	4	40,222,303	43,440,641	2	1	3	0
Case 80	4	43,442,648	43,502,330	2	0	2	1
Case 80	4	43,520,590	43,900,285	3	0	3	1
Case 80	4	43,900,434	49,620,898	2	1	3	0
Case 80	4	52,697,856	57,489,378	2	1	3	0
Case 80	4	57,498,446	57,621,843	3	1	4	0
Case 80	4	57,624,037	63,482,692	2	1	3	0
Case 80	4	63,487,723	63,661,150	2	0	2	1
Case 80	4	63,667,799	63,689,854	4	0	4	1
Case 80	4	63,701,231	64,693,032	1	1	2	0
Case 80	4	64,719,180	65,170,892	3	0	3	1
Case 80	4	65,180,381	74,737,930	2	1	3	0
Case 80	4	74,748,288	74,846,877	3	1	4	0
Case 80	4	74,847,598	86,414,621	2	1	3	0
Case 80	4	86,420,622	88,424,737	3	0	3	1
Case 80	4	88,429,759	91,772,546	2	1	3	0
Case 80	4	91,775,333	91,806,782	3	0	3	1
Case 80	4	91,816,783	92,025,683	1	0	1	0
Case 80	4	92,028,168	92,028,969	3	0	3	1
Case 80	4	92,036,269	93,136,797	2	1	3	0
Case 80	4	93,146,144	94,882,341	3	0	3	1
Case 80	4	94,883,373	99,392,101	2	1	3	0
Case 80	4	99,399,748	99,551,907	2	2	4	0
Case 80	4	99,555,740	100,571,001	3	0	3	1
Case 80	4	100,580,702	106,216,205	2	1	3	0
Case 80	4	106,235,012	106,338,490	2	0	2	1
Case 80	4	106,346,206	107,157,623	3	0	3	1
Case 80	4	107,157,935	107,268,949	1	0	1	0
Case 80	4	107,279,386	107,517,238	3	0	3	1
Case 80	4	107,520,859	120,776,279	2	1	3	0
Case 80	4	120,784,320	121,282,335	3	0	3	1
Case 80	4	121,292,818	121,709,930	2	1	3	0
Case 80	4	121,714,045	121,972,352	3	0	3	1

Case 80	4	121,974,645	126,039,335	2	1	3	0
Case 80	4	126,053,047	126,337,736	3	0	3	1
Case 80	4	126,337,744	130,474,564	2	1	3	0
Case 80	4	130,476,563	130,580,317	3	0	3	1
Case 80	4	130,588,996	152,992,266	2	1	3	0
Case 80	4	152,994,226	153,658,324	2	0	2	1
Case 80	4	153,658,895	153,658,895	3	0	3	1
Case 80	4	153,660,407	153,696,635	1	0	1	0
Case 80	4	153,701,130	153,703,306	3	0	3	1
Case 80	4	153,714,157	153,829,996	1	0	1	0
Case 80	4	153,831,260	153,863,430	3	0	3	1
Case 80	4	153,864,319	153,864,319	2	1	3	0
Case 80	4	153,864,333	156,261,667	2	0	2	1
Case 80	4	156,264,133	156,264,133	3	0	3	1
Case 80	4	156,265,409	156,297,060	1	0	1	0
Case 80	4	156,299,620	156,299,620	3	0	3	1
Case 80	4	156,300,040	156,300,040	2	1	3	0
Case 80	4	156,311,396	160,836,194	2	0	2	1
Case 80	4	160,840,630	160,840,630	3	0	3	1
Case 80	4	160,857,395	161,363,563	1	0	1	0
Case 80	4	161,365,143	161,365,143	3	0	3	1
Case 80	4	161,366,230	161,366,230	2	1	3	0
Case 80	4	161,366,623	162,307,000	2	0	2	1
Case 80	4	162,307,028	162,320,903	3	0	3	1
Case 80	4	162,321,420	162,477,082	1	0	1	0
Case 80	4	162,482,595	162,516,553	3	0	3	1
Case 80	4	162,521,710	162,923,324	1	0	1	0
Case 80	4	162,925,724	162,925,724	3	0	3	1
Case 80	4	162,927,440	162,927,440	4	0	4	1
Case 80	4	162,930,214	170,322,819	2	0	2	1
Case 80	4	170,338,453	170,338,453	3	0	3	1
Case 80	4	170,345,879	170,448,464	1	0	1	0
Case 80	4	170,451,435	170,451,435	3	0	3	1
Case 80	4	170,452,770	170,452,770	2	1	3	0
Case 80	4	170,459,044	172,352,348	2	0	2	1
Case 80	4	172,354,182	172,367,540	3	0	3	1
Case 80	4	172,373,388	173,543,874	1	0	1	0
Case 80	4	173,562,564	173,562,564	3	0	3	1
Case 80	4	173,585,910	173,585,910	2	1	3	0
Case 80	4	173,597,016	179,409,526	2	0	2	1
Case 80	4	179,410,247	179,410,247	3	0	3	1
Case 80	4	179,410,273	179,894,901	1	0	1	0
Case 80	4	179,896,707	179,896,707	3	0	3	1
Case 80	4	179,899,458	179,899,458	2	1	3	0
Case 80	4	179,899,843	185,532,342	2	0	2	1
Case 80	4	185,533,691	185,533,691	3	0	3	1
Case 80	4	185,543,672	185,638,307	1	0	1	0
Case 80	4	185,639,169	185,639,169	3	0	3	1
Case 80	4	185,650,152	185,650,152	2	1	3	0
Case 80	4	185,650,154	186,353,670	2	0	2	1
Case 80	4	186,357,255	186,381,382	1	0	1	0
Case 80	4	186,381,392	186,382,206	3	0	3	1
Case 80	4	186,382,219	186,382,219	2	1	3	0
Case 80	4	186,382,253	187,539,125	2	0	2	1
Case 80	4	187,539,205	187,540,442	3	0	3	1
Case 80	4	187,540,589	187,542,316	2	1	3	0
Case 80	4	187,542,380	190,872,778	2	0	2	1
Case 80	4	190,876,192	190,883,077	3	0	3	1
Case 80	4	190,903,682	190,963,766	2	1	3	0
Case 80	5	38,139	488,590	2	2	4	0
Case 80	5	490,237	685,748	3	2	5	0

Case 80	5	730,271	12,407,352	2	2	4	0
Case 80	5	12,437,894	12,766,945	3	0	3	1
Case 80	5	12,772,609	39,583,375	2	2	4	0
Case 80	5	39,588,084	39,924,922	3	2	5	0
Case 80	5	39,929,770	43,290,700	2	2	4	0
Case 80	5	43,291,532	43,382,029	4	2	6	0
Case 80	5	43,388,500	43,446,640	3	0	3	1
Case 80	5	43,446,643	46,399,093	2	2	4	0
Case 80	5	49,457,282	51,405,600	2	2	4	0
Case 80	5	51,412,949	52,160,871	3	2	5	0
Case 80	5	52,160,892	54,618,286	2	2	4	0
Case 80	5	54,635,872	54,771,129	2	1	3	0
Case 80	5	54,774,169	57,430,832	2	2	4	0
Case 80	5	57,431,053	57,868,045	3	2	5	0
Case 80	5	57,878,858	58,271,696	2	2	4	0
Case 80	5	58,284,208	58,778,414	3	0	3	1
Case 80	5	58,782,840	59,655,640	0	0	0	0
Case 80	5	59,657,695	59,895,032	3	0	3	1
Case 80	5	59,926,911	64,417,806	2	2	4	0
Case 80	5	64,422,082	64,725,524	3	2	5	0
Case 80	5	64,729,075	72,318,245	2	2	4	0
Case 80	5	72,333,005	72,333,005	3	2	5	0
Case 80	5	72,334,678	72,407,538	4	2	6	0
Case 80	5	72,408,246	72,660,100	3	2	5	0
Case 80	5	72,660,173	77,458,150	2	2	4	0
Case 80	5	77,461,466	85,251,243	3	0	3	1
Case 80	5	85,260,207	85,396,128	5	0	5	1
Case 80	5	85,411,181	98,139,720	3	0	3	1
Case 80	5	98,190,612	98,537,121	5	0	5	1
Case 80	5	98,552,184	102,985,590	3	0	3	1
Case 80	5	102,985,840	103,071,134	3	1	4	0
Case 80	5	103,071,415	106,925,966	3	0	3	1
Case 80	5	106,931,599	107,024,658	0	0	0	0
Case 80	5	107,032,339	110,021,869	3	0	3	1
Case 80	5	110,035,756	110,070,759	0	0	0	0
Case 80	5	110,074,872	114,577,256	3	0	3	1
Case 80	5	114,580,652	114,989,990	6	0	6	1
Case 80	5	114,994,084	126,253,850	3	0	3	1
Case 80	5	126,267,351	126,282,246	1	0	1	0
Case 80	5	126,307,610	127,031,523	3	0	3	1
Case 80	5	127,062,190	127,357,526	5	0	5	1
Case 80	5	127,362,543	131,770,805	3	0	3	1
Case 80	5	131,778,413	131,847,892	0	0	0	0
Case 80	5	131,862,977	139,931,384	3	0	3	1
Case 80	5	139,931,607	139,931,652	1	0	1	0
Case 80	5	139,931,653	140,214,107	3	0	3	1
Case 80	5	140,214,995	140,215,833	1	0	1	0
Case 80	5	140,215,892	140,221,472	0	0	0	0
Case 80	5	140,222,461	140,553,664	3	0	3	1
Case 80	5	140,554,769	140,558,618	5	0	5	1
Case 80	5	140,559,849	162,896,759	3	0	3	1
Case 80	5	162,896,779	162,900,426	2	1	3	0
Case 80	5	162,900,493	162,941,739	2	0	2	1
Case 80	5	162,944,408	166,268,258	3	0	3	1
Case 80	5	166,269,027	173,782,331	4	0	4	1
Case 80	5	173,788,582	173,788,582	3	0	3	1
Case 80	5	173,791,376	173,891,894	6	0	6	1
Case 80	5	173,901,938	174,036,233	4	2	6	0
Case 80	5	174,038,768	180,693,127	4	0	4	1
Case 80	6	108,666	577,820	5	0	5	1
Case 80	6	580,362	2,028,237	6	0	6	1

Case 80	6	2,032,259	2,039,027	3	0	3	1
Case 80	6	2,048,584	2,097,686	0	0	0	0
Case 80	6	2,106,309	13,060,568	3	0	3	1
Case 80	6	13,064,501	13,321,097	0	0	0	0
Case 80	6	13,321,279	13,321,279	3	0	3	1
Case 80	6	13,321,280	13,332,467	1	0	1	0
Case 80	6	13,336,815	30,471,520	3	0	3	1
Case 80	6	30,475,415	30,537,853	4	0	4	1
Case 80	6	30,539,205	30,624,880	5	0	5	1
Case 80	6	30,625,155	30,625,155	3	0	3	1
Case 80	6	30,626,614	30,840,688	6	0	6	1
Case 80	6	30,840,950	30,840,950	4	0	4	1
Case 80	6	30,841,996	31,080,009	5	0	5	1
Case 80	6	31,080,016	31,172,151	4	0	4	1
Case 80	6	31,173,096	32,109,431	5	0	5	1
Case 80	6	32,109,979	32,389,305	4	0	4	1
Case 80	6	32,389,648	32,401,845	3	0	3	1
Case 80	6	32,402,464	43,310,590	4	0	4	1
Case 80	6	43,316,130	43,411,906	5	0	5	1
Case 80	6	43,411,992	44,020,410	4	0	4	1
Case 80	6	44,021,286	44,390,518	5	0	5	1
Case 80	6	44,397,465	56,193,637	4	0	4	1
Case 80	6	56,202,104	56,345,337	5	0	5	1
Case 80	6	56,346,870	58,752,089	4	0	4	1
Case 80	6	61,891,118	66,077,188	4	0	4	1
Case 80	6	66,083,394	66,267,533	3	0	3	1
Case 80	6	66,269,399	89,737,774	4	0	4	1
Case 80	6	89,739,221	91,345,657	3	1	4	0
Case 80	6	91,349,828	93,628,360	4	1	5	0
Case 80	6	93,629,457	93,765,656	3	1	4	0
Case 80	6	93,781,036	99,195,548	5	1	6	0
Case 80	6	99,203,222	99,214,884	4	0	4	1
Case 80	6	99,218,958	99,374,760	5	0	5	1
Case 80	6	99,374,761	99,374,801	4	0	4	1
Case 80	6	99,431,200	101,296,389	5	1	6	0
Case 80	6	101,296,420	101,344,511	4	0	4	1
Case 80	6	101,351,390	101,495,639	5	0	5	1
Case 80	6	101,507,345	101,508,921	4	0	4	1
Case 80	6	101,540,875	101,761,752	3	1	4	0
Case 80	6	101,791,813	101,906,652	5	1	6	0
Case 80	6	101,913,238	101,916,765	4	0	4	1
Case 80	6	101,927,338	102,066,487	2	0	2	1
Case 80	6	102,077,056	102,077,056	4	0	4	1
Case 80	6	102,111,184	102,639,153	5	1	6	0
Case 80	6	102,642,021	102,670,220	4	0	4	1
Case 80	6	102,674,605	102,748,329	3	1	4	0
Case 80	6	102,766,711	108,127,875	5	1	6	0
Case 80	6	108,131,849	108,139,570	4	0	4	1
Case 80	6	108,140,137	109,148,861	6	1	7	0
Case 80	6	109,169,164	109,190,094	4	0	4	1
Case 80	6	109,190,126	135,307,258	5	1	6	0
Case 80	6	135,307,309	135,315,398	4	2	6	0
Case 80	6	135,315,570	135,334,600	3	2	5	0
Case 80	6	135,349,756	136,559,847	5	2	7	0
Case 80	6	136,560,616	136,596,488	3	2	5	0
Case 80	6	136,597,117	136,599,912	2	2	4	0
Case 80	6	136,612,111	137,848,642	4	2	6	0
Case 80	6	137,850,196	137,891,497	3	3	6	0
Case 80	6	137,893,893	138,642,307	4	3	7	0
Case 80	6	138,644,833	138,644,833	2	2	4	0
Case 80	6	138,655,028	140,182,546	4	2	6	0

Case 80	6	140,183,615	140,183,693	3	2	5	0
Case 80	6	140,190,858	142,969,334	5	2	7	0
Case 80	6	142,969,570	142,969,570	3	2	5	0
Case 80	6	142,972,752	142,972,752	2	2	4	0
Case 80	6	142,973,369	145,161,932	4	2	6	0
Case 80	6	145,161,969	145,162,225	3	2	5	0
Case 80	6	145,162,404	145,635,335	5	2	7	0
Case 80	6	145,640,198	145,640,198	3	2	5	0
Case 80	6	145,648,326	146,870,930	3	3	6	0
Case 80	6	146,872,685	146,872,685	3	2	5	0
Case 80	6	146,873,614	148,229,629	5	2	7	0
Case 80	6	148,235,498	151,126,585	4	2	6	0
Case 80	6	151,128,492	151,289,442	3	2	5	0
Case 80	6	151,294,238	151,294,238	2	2	4	0
Case 80	6	151,300,056	151,660,477	4	2	6	0
Case 80	6	151,663,289	151,674,593	3	2	5	0
Case 80	6	151,674,775	151,674,887	2	2	4	0
Case 80	6	151,677,358	153,348,742	4	2	6	0
Case 80	6	153,349,379	154,025,836	5	2	7	0
Case 80	6	154,033,449	160,240,303	3	2	5	0
Case 80	6	160,240,368	160,469,149	4	2	6	0
Case 80	6	160,469,475	161,929,039	3	2	5	0
Case 80	6	161,933,935	161,933,935	3	0	3	1
Case 80	6	161,935,166	161,963,415	4	0	4	1
Case 80	6	161,963,892	161,972,186	3	0	3	1
Case 80	6	161,972,770	162,144,016	3	2	5	0
Case 80	6	162,148,272	162,172,718	3	1	4	0
Case 80	6	162,182,126	162,493,682	3	2	5	0
Case 80	6	162,507,690	162,507,690	3	0	3	1
Case 80	6	162,510,974	162,612,003	1	0	1	0
Case 80	6	162,614,973	162,703,419	3	0	3	1
Case 80	6	162,709,948	162,914,986	3	2	5	0
Case 80	6	162,917,942	163,126,601	3	0	3	1
Case 80	6	163,132,529	170,980,171	3	2	5	0
Case 80	7	44,935	2,400,417	3	1	4	0
Case 80	7	2,400,427	2,557,266	4	1	5	0
Case 80	7	2,560,777	6,199,635	3	1	4	0
Case 80	7	6,201,305	6,579,383	4	1	5	0
Case 80	7	6,587,526	6,901,445	3	1	4	0
Case 80	7	6,929,662	12,572,742	4	1	5	0
Case 80	7	12,580,007	12,801,051	3	2	5	0
Case 80	7	12,801,837	12,801,837	2	2	4	0
Case 80	7	12,804,200	30,009,362	4	1	5	0
Case 80	7	30,014,068	30,014,068	3	1	4	0
Case 80	7	30,044,128	30,087,381	2	1	3	0
Case 80	7	30,088,851	30,252,637	3	1	4	0
Case 80	7	30,255,901	30,446,814	2	1	3	0
Case 80	7	30,460,476	30,625,161	3	1	4	0
Case 80	7	30,634,548	30,717,043	2	1	3	0
Case 80	7	30,721,871	31,174,111	3	1	4	0
Case 80	7	31,175,964	39,991,447	4	1	5	0
Case 80	7	39,991,673	40,060,180	3	1	4	0
Case 80	7	40,062,866	40,135,669	3	0	3	1
Case 80	7	40,155,624	40,163,104	3	1	4	0
Case 80	7	40,169,196	43,659,242	4	1	5	0
Case 80	7	43,663,184	46,028,577	3	1	4	0
Case 80	7	46,033,433	47,840,310	4	1	5	0
Case 80	7	47,840,336	48,237,802	3	1	4	0
Case 80	7	48,244,414	50,455,095	4	1	5	0
Case 80	7	50,459,465	51,261,138	3	1	4	0
Case 80	7	51,261,280	53,827,111	4	1	5	0

Case 80	7	53,836,224	53,926,458	3	2	5	0
Case 80	7	53,941,475	54,534,597	3	3	6	0
Case 80	7	54,535,622	58,019,061	3	2	5	0
Case 80	7	61,056,053	73,112,172	3	2	5	0
Case 80	7	73,113,483	73,359,124	3	3	6	0
Case 80	7	73,376,167	73,536,071	3	2	5	0
Case 80	7	73,538,326	89,693,450	3	1	4	0
Case 80	7	89,695,380	89,790,560	3	0	3	1
Case 80	7	89,790,575	89,874,804	3	1	4	0
Case 80	7	89,880,949	90,101,081	5	1	6	0
Case 80	7	90,109,586	90,199,232	4	2	6	0
Case 80	7	90,205,434	94,926,585	3	1	4	0
Case 80	7	94,927,242	95,758,692	4	1	5	0
Case 80	7	95,761,141	100,675,367	3	1	4	0
Case 80	7	100,675,376	100,685,691	2	1	3	0
Case 80	7	100,685,709	105,182,994	3	1	4	0
Case 80	7	105,183,011	105,187,723	3	0	3	1
Case 80	7	105,190,530	105,200,904	1	0	1	0
Case 80	7	105,204,348	105,206,068	3	0	3	1
Case 80	7	105,207,655	110,432,334	3	1	4	0
Case 80	7	110,435,602	110,435,602	2	1	3	0
Case 80	7	110,439,912	110,562,681	2	0	2	1
Case 80	7	110,572,231	110,572,231	3	0	3	1
Case 80	7	110,577,992	129,501,926	3	1	4	0
Case 80	7	129,505,141	129,782,377	2	2	4	0
Case 80	7	129,786,406	130,138,106	3	1	4	0
Case 80	7	130,140,766	131,126,531	4	1	5	0
Case 80	7	131,128,350	133,074,480	3	1	4	0
Case 80	7	133,091,171	133,774,841	3	0	3	1
Case 80	7	133,803,962	139,548,136	3	1	4	0
Case 80	7	139,548,309	140,402,722	3	2	5	0
Case 80	7	140,405,706	149,513,152	3	1	4	0
Case 80	7	149,513,480	149,517,796	2	1	3	0
Case 80	7	149,517,978	159,119,486	3	1	4	0
Case 80	8	164,984	8,258,100	3	0	3	1
Case 80	8	8,259,874	8,266,397	2	1	3	0
Case 80	8	8,267,096	8,456,988	2	0	2	1
Case 80	8	8,460,285	18,601,063	3	0	3	1
Case 80	8	18,602,354	18,612,464	4	0	4	1
Case 80	8	18,612,612	18,665,597	2	0	2	1
Case 80	8	18,665,710	19,518,908	3	0	3	1
Case 80	8	19,529,575	19,576,471	3	2	5	0
Case 80	8	19,576,883	19,576,883	3	0	3	1
Case 80	8	19,577,136	19,590,800	5	0	5	1
Case 80	8	19,593,584	21,757,661	3	0	3	1
Case 80	8	21,758,672	21,896,097	4	0	4	1
Case 80	8	21,903,316	22,031,205	3	0	3	1
Case 80	8	22,033,435	22,282,748	4	0	4	1
Case 80	8	22,288,995	22,819,138	3	0	3	1
Case 80	8	22,830,059	23,061,792	4	0	4	1
Case 80	8	23,061,878	27,625,201	3	0	3	1
Case 80	8	27,628,886	27,630,152	2	1	3	0
Case 80	8	27,633,972	27,645,704	2	0	2	1
Case 80	8	27,649,495	29,588,279	3	0	3	1
Case 80	8	29,598,009	30,434,903	4	0	4	1
Case 80	8	30,437,008	37,339,153	3	0	3	1
Case 80	8	37,360,288	37,667,471	4	0	4	1
Case 80	8	37,671,140	40,740,473	3	0	3	1
Case 80	8	40,741,589	43,791,691	2	2	4	0
Case 80	8	46,886,735	79,034,856	2	2	4	0
Case 80	8	79,039,530	80,111,894	3	2	5	0



Case 80	8	80,115,159	80,272,544	2	2	4	0
Case 80	8	80,274,461	80,756,095	3	2	5	0
Case 80	8	80,762,327	90,662,941	2	2	4	0
Case 80	8	90,671,024	90,681,455	3	0	3	1
Case 80	8	90,708,428	90,912,936	3	1	4	0
Case 80	8	90,914,272	91,035,913	2	1	3	0
Case 80	8	91,044,281	99,057,903	2	2	4	0
Case 80	8	99,088,251	99,201,718	3	0	3	1
Case 80	8	99,203,508	120,437,102	2	2	4	0
Case 80	8	120,444,158	120,544,948	3	2	5	0
Case 80	8	120,550,360	121,766,060	2	2	4	0
Case 80	8	121,770,595	122,462,932	3	2	5	0
Case 80	8	122,464,572	128,389,730	2	2	4	0
Case 80	8	128,390,660	128,440,928	3	2	5	0
Case 80	8	128,441,170	128,525,361	3	3	6	0
Case 80	8	128,525,985	128,626,960	4	3	7	0
Case 80	8	128,628,601	128,628,601	2	2	4	0
Case 80	8	128,628,938	128,773,968	4	2	6	0
Case 80	8	128,775,144	145,286,483	2	2	4	0
Case 80	8	145,504,343	145,653,006	3	2	5	0
Case 80	8	145,655,903	145,742,850	2	2	4	0
Case 80	8	145,745,251	145,907,087	3	0	3	1
Case 80	8	145,919,126	146,107,544	3	2	5	0
Case 80	8	146,107,712	146,293,414	2	2	4	0
Case 80	9	46,587	626,096	3	0	3	1
Case 80	9	628,788	741,001	3	1	4	0
Case 80	9	742,206	877,032	3	0	3	1
Case 80	9	877,871	1,056,887	3	1	4	0
Case 80	9	1,056,959	1,213,024	3	0	3	1
Case 80	9	1,214,563	1,475,567	3	1	4	0
Case 80	9	1,481,609	1,516,528	3	0	3	1
Case 80	9	1,519,043	1,799,943	3	1	4	0
Case 80	9	1,800,027	2,116,414	3	0	3	1
Case 80	9	2,120,825	2,196,734	3	1	4	0
Case 80	9	2,196,932	2,851,026	3	0	3	1
Case 80	9	2,852,747	2,951,623	3	1	4	0
Case 80	9	2,954,622	3,121,992	3	0	3	1
Case 80	9	3,126,263	3,212,494	3	1	4	0
Case 80	9	3,220,602	3,579,989	3	0	3	1
Case 80	9	3,584,207	3,707,775	3	1	4	0
Case 80	9	3,710,068	3,765,198	3	0	3	1
Case 80	9	3,765,395	3,856,143	3	1	4	0
Case 80	9	3,861,266	3,931,626	3	0	3	1
Case 80	9	3,932,521	4,080,780	3	1	4	0
Case 80	9	4,083,297	4,149,475	3	0	3	1
Case 80	9	4,150,202	4,219,259	3	1	4	0
Case 80	9	4,221,298	4,307,572	3	0	3	1
Case 80	9	4,307,589	4,576,774	3	1	4	0
Case 80	9	4,577,130	4,763,176	3	0	3	1
Case 80	9	4,763,368	4,985,879	3	1	4	0
Case 80	9	5,003,338	5,022,807	3	0	3	1
Case 80	9	5,029,893	5,485,241	5	0	5	1
Case 80	9	5,485,307	5,551,385	3	0	3	1
Case 80	9	5,555,023	5,750,198	3	1	4	0
Case 80	9	5,756,067	6,222,302	3	0	3	1
Case 80	9	6,225,535	6,308,729	3	1	4	0
Case 80	9	6,324,744	6,450,183	3	0	3	1
Case 80	9	6,455,048	6,811,507	3	1	4	0
Case 80	9	6,818,197	7,038,043	3	0	3	1
Case 80	9	7,046,703	7,272,552	3	1	4	0
Case 80	9	7,273,950	7,390,508	3	0	3	1

Case 80	9	7,391,634	7,512,610	3	1	4	0
Case 80	9	7,512,820	7,534,603	3	0	3	1
Case 80	9	7,535,872	7,764,226	3	1	4	0
Case 80	9	7,764,377	8,270,002	3	0	3	1
Case 80	9	8,270,830	8,382,718	3	1	4	0
Case 80	9	8,382,720	8,682,672	3	0	3	1
Case 80	9	8,692,722	8,852,226	2	1	3	0
Case 80	9	8,852,668	8,926,071	3	1	4	0
Case 80	9	8,926,956	8,999,697	3	0	3	1
Case 80	9	9,000,033	9,042,840	3	1	4	0
Case 80	9	9,043,421	9,733,974	3	0	3	1
Case 80	9	9,736,054	9,772,397	3	1	4	0
Case 80	9	9,774,194	10,368,596	3	0	3	1
Case 80	9	10,369,161	10,432,920	3	1	4	0
Case 80	9	10,436,451	12,926,571	3	0	3	1
Case 80	9	12,928,475	13,095,067	3	1	4	0
Case 80	9	13,095,872	13,250,302	3	0	3	1
Case 80	9	13,251,770	13,352,941	3	1	4	0
Case 80	9	13,354,300	14,005,103	3	0	3	1
Case 80	9	14,005,900	14,079,067	3	1	4	0
Case 80	9	14,085,583	14,210,653	3	0	3	1
Case 80	9	14,211,843	14,544,731	3	1	4	0
Case 80	9	14,547,556	14,678,017	3	0	3	1
Case 80	9	14,678,115	14,900,356	3	1	4	0
Case 80	9	14,901,322	15,017,840	3	0	3	1
Case 80	9	15,021,481	15,444,648	3	1	4	0
Case 80	9	15,447,191	15,585,395	2	1	3	0
Case 80	9	15,591,372	15,973,288	3	0	3	1
Case 80	9	15,975,069	16,527,829	3	1	4	0
Case 80	9	16,529,174	17,539,320	3	0	3	1
Case 80	9	17,564,267	17,735,707	3	1	4	0
Case 80	9	17,735,905	17,916,555	3	0	3	1
Case 80	9	17,918,806	18,161,098	3	1	4	0
Case 80	9	18,163,165	18,250,459	2	1	3	0
Case 80	9	18,251,855	18,392,900	3	0	3	1
Case 80	9	18,393,875	18,494,532	3	1	4	0
Case 80	9	18,495,515	18,723,698	3	0	3	1
Case 80	9	18,727,082	19,049,665	3	1	4	0
Case 80	9	19,051,208	19,058,396	3	0	3	1
Case 80	9	19,058,448	19,258,183	5	0	5	1
Case 80	9	19,281,501	19,454,906	3	0	3	1
Case 80	9	19,458,939	19,801,918	3	1	4	0
Case 80	9	19,803,724	20,098,711	3	0	3	1
Case 80	9	20,101,645	20,603,364	3	1	4	0
Case 80	9	20,605,854	21,543,444	3	0	3	1
Case 80	9	21,547,035	21,606,786	3	1	4	0
Case 80	9	21,611,256	21,675,545	3	0	3	1
Case 80	9	21,682,759	21,930,505	3	1	4	0
Case 80	9	21,934,442	22,078,305	3	0	3	1
Case 80	9	22,082,375	22,138,762	3	1	4	0
Case 80	9	22,140,224	23,557,227	3	0	3	1
Case 80	9	23,560,604	23,642,085	3	1	4	0
Case 80	9	23,643,682	25,909,114	3	0	3	1
Case 80	9	25,913,301	26,200,057	2	1	3	0
Case 80	9	26,201,458	26,294,087	2	0	2	1
Case 80	9	26,296,319	26,317,973	3	0	3	1
Case 80	9	26,318,151	26,553,400	2	1	3	0
Case 80	9	26,555,763	26,659,562	3	1	4	0
Case 80	9	26,665,482	26,717,062	3	0	3	1
Case 80	9	26,719,332	26,789,940	3	1	4	0
Case 80	9	26,790,633	27,099,244	3	0	3	1

Case 80	9	27,107,349	27,519,173	3	1	4	0
Case 80	9	27,522,870	28,195,206	3	0	3	1
Case 80	9	28,198,828	28,256,245	3	1	4	0
Case 80	9	28,257,148	28,377,370	3	0	3	1
Case 80	9	28,378,229	28,407,379	3	1	4	0
Case 80	9	28,407,568	28,571,014	3	0	3	1
Case 80	9	28,572,086	28,773,602	3	1	4	0
Case 80	9	28,773,625	29,112,301	3	0	3	1
Case 80	9	29,119,535	29,258,978	2	1	3	0
Case 80	9	29,261,935	29,350,462	2	0	2	1
Case 80	9	29,350,850	29,363,582	4	0	4	1
Case 80	9	29,364,327	29,535,541	1	1	2	0
Case 80	9	29,536,618	29,614,435	3	0	3	1
Case 80	9	29,616,943	29,640,181	3	1	4	0
Case 80	9	29,640,242	29,700,159	3	0	3	1
Case 80	9	29,706,139	29,919,239	3	1	4	0
Case 80	9	29,921,183	32,071,702	3	0	3	1
Case 80	9	32,078,175	32,282,978	3	1	4	0
Case 80	9	32,283,644	32,735,066	3	0	3	1
Case 80	9	32,738,005	32,889,948	3	1	4	0
Case 80	9	32,899,807	33,117,524	3	0	3	1
Case 80	9	33,120,483	33,256,825	3	1	4	0
Case 80	9	33,256,854	33,401,245	3	0	3	1
Case 80	9	33,404,808	33,804,813	3	1	4	0
Case 80	9	33,810,791	34,085,077	3	0	3	1
Case 80	9	34,085,859	34,244,227	3	1	4	0
Case 80	9	34,249,882	34,311,195	3	0	3	1
Case 80	9	34,316,467	34,334,126	0	0	0	0
Case 80	9	34,339,126	34,710,450	3	0	3	1
Case 80	9	34,713,129	34,996,426	3	1	4	0
Case 80	9	34,996,474	35,482,764	3	0	3	1
Case 80	9	35,489,274	35,546,735	3	1	4	0
Case 80	9	35,547,052	35,750,887	3	0	3	1
Case 80	9	35,751,221	35,811,215	3	1	4	0
Case 80	9	35,811,228	35,975,125	3	0	3	1
Case 80	9	35,978,258	36,100,504	3	1	4	0
Case 80	9	36,101,562	36,137,346	3	0	3	1
Case 80	9	36,137,513	36,169,723	3	1	4	0
Case 80	9	36,169,848	36,722,345	3	0	3	1
Case 80	9	36,722,854	37,126,588	3	1	4	0
Case 80	9	37,126,682	37,377,959	3	0	3	1
Case 80	9	37,378,628	37,426,543	3	1	4	0
Case 80	9	37,426,590	37,627,872	2	1	3	0
Case 80	9	37,629,310	37,739,932	3	1	4	0
Case 80	9	37,740,134	37,866,551	2	1	3	0
Case 80	9	37,874,090	38,333,064	3	1	4	0
Case 80	9	38,335,032	38,404,352	3	0	3	1
Case 80	9	38,404,579	46,944,322	3	1	4	0
Case 80	9	65,629,772	71,621,276	3	1	4	0
Case 80	9	71,621,922	71,846,783	3	0	3	1
Case 80	9	71,849,766	71,891,756	3	1	4	0
Case 80	9	71,893,554	72,435,894	3	0	3	1
Case 80	9	72,440,451	72,783,618	3	1	4	0
Case 80	9	72,785,531	72,979,246	3	0	3	1
Case 80	9	72,989,832	73,508,693	3	1	4	0
Case 80	9	73,509,677	74,821,250	3	0	3	1
Case 80	9	74,825,707	74,932,819	3	1	4	0
Case 80	9	74,938,125	75,139,296	2	1	3	0
Case 80	9	75,144,147	75,229,248	3	1	4	0
Case 80	9	75,231,217	75,542,080	3	0	3	1
Case 80	9	75,542,895	75,547,612	3	1	4	0

Case 80	9	75,549,810	77,830,570	3	0	3	1
Case 80	9	77,830,922	78,250,722	3	1	4	0
Case 80	9	78,251,232	78,718,544	3	0	3	1
Case 80	9	78,718,893	78,784,693	3	1	4	0
Case 80	9	78,785,098	78,933,874	3	0	3	1
Case 80	9	78,936,357	78,959,679	3	1	4	0
Case 80	9	78,961,388	79,065,299	3	0	3	1
Case 80	9	79,068,627	79,160,759	3	1	4	0
Case 80	9	79,164,646	79,188,714	3	0	3	1
Case 80	9	79,189,090	79,244,174	5	0	5	1
Case 80	9	79,251,229	79,320,000	3	0	3	1
Case 80	9	79,320,095	79,436,617	3	1	4	0
Case 80	9	79,437,798	79,664,633	3	0	3	1
Case 80	9	79,664,647	79,700,008	3	1	4	0
Case 80	9	79,702,675	80,039,006	3	0	3	1
Case 80	9	80,039,658	80,813,860	3	1	4	0
Case 80	9	80,827,249	80,901,335	2	1	3	0
Case 80	9	80,906,946	81,337,236	3	1	4	0
Case 80	9	81,339,569	81,436,959	3	0	3	1
Case 80	9	81,438,539	81,626,352	3	1	4	0
Case 80	9	81,627,699	81,759,693	3	0	3	1
Case 80	9	81,760,880	81,791,960	3	1	4	0
Case 80	9	81,800,073	82,352,255	3	0	3	1
Case 80	9	82,354,524	82,588,226	3	1	4	0
Case 80	9	82,592,333	82,796,707	3	0	3	1
Case 80	9	82,805,488	83,175,451	2	1	3	0
Case 80	9	83,180,858	83,235,117	3	1	4	0
Case 80	9	83,235,735	83,643,410	3	0	3	1
Case 80	9	83,643,525	83,721,188	3	1	4	0
Case 80	9	83,721,515	83,998,047	3	0	3	1
Case 80	9	83,998,114	84,183,462	3	1	4	0
Case 80	9	84,185,097	84,256,984	3	0	3	1
Case 80	9	84,261,124	84,305,732	3	1	4	0
Case 80	9	84,308,948	85,181,786	3	0	3	1
Case 80	9	85,182,996	85,521,271	3	1	4	0
Case 80	9	85,524,530	86,700,822	3	0	3	1
Case 80	9	86,701,021	86,721,015	3	1	4	0
Case 80	9	86,721,077	86,820,581	3	0	3	1
Case 80	9	86,824,068	86,955,157	3	1	4	0
Case 80	9	86,955,535	87,177,985	3	0	3	1
Case 80	9	87,179,264	87,484,613	3	1	4	0
Case 80	9	87,488,718	87,570,912	3	0	3	1
Case 80	9	87,573,977	87,612,473	3	1	4	0
Case 80	9	87,616,257	87,701,841	3	0	3	1
Case 80	9	87,703,126	87,811,640	3	1	4	0
Case 80	9	87,820,596	89,126,786	3	0	3	1
Case 80	9	89,134,626	89,444,725	3	1	4	0
Case 80	9	89,445,581	89,620,854	3	0	3	1
Case 80	9	89,622,864	89,951,915	3	1	4	0
Case 80	9	89,954,522	90,034,729	3	0	3	1
Case 80	9	90,036,219	90,041,160	2	1	3	0
Case 80	9	90,043,880	90,297,680	3	1	4	0
Case 80	9	90,307,057	90,363,086	2	1	3	0
Case 80	9	90,364,627	90,405,210	3	1	4	0
Case 80	9	90,408,599	90,650,132	3	0	3	1
Case 80	9	90,650,880	90,721,446	3	1	4	0
Case 80	9	90,722,248	90,808,582	3	0	3	1
Case 80	9	90,811,182	90,839,031	3	1	4	0
Case 80	9	90,841,066	91,271,165	3	0	3	1
Case 80	9	91,272,494	91,638,212	3	1	4	0
Case 80	9	91,641,563	92,016,916	3	0	3	1

Case 80	9	92,017,824	92,897,338	3	1	4	0
Case 80	9	92,898,149	93,530,909	3	0	3	1
Case 80	9	93,539,879	93,606,572	2	1	3	0
Case 80	9	93,608,739	93,641,175	3	1	4	0
Case 80	9	93,641,199	93,665,389	3	0	3	1
Case 80	9	93,665,453	93,983,200	3	1	4	0
Case 80	9	93,983,209	94,398,847	3	0	3	1
Case 80	9	94,403,445	94,629,592	3	1	4	0
Case 80	9	94,631,630	94,864,322	3	0	3	1
Case 80	9	94,880,110	94,951,819	3	1	4	0
Case 80	9	94,962,103	95,860,415	3	0	3	1
Case 80	9	95,869,726	96,099,377	5	0	5	1
Case 80	9	96,117,149	96,524,226	3	0	3	1
Case 80	9	96,526,835	96,795,797	3	1	4	0
Case 80	9	96,802,897	97,314,741	3	0	3	1
Case 80	9	97,321,127	98,559,246	3	1	4	0
Case 80	9	98,568,543	98,781,179	3	0	3	1
Case 80	9	98,786,276	98,818,646	3	1	4	0
Case 80	9	98,823,407	99,054,604	3	0	3	1
Case 80	9	99,056,209	99,097,527	3	1	4	0
Case 80	9	99,108,678	99,832,156	3	0	3	1
Case 80	9	99,838,751	100,269,291	2	1	3	0
Case 80	9	100,270,198	100,381,034	3	1	4	0
Case 80	9	100,388,119	100,420,142	2	1	3	0
Case 80	9	100,426,712	100,482,976	3	0	3	1
Case 80	9	100,498,831	100,637,339	3	1	4	0
Case 80	9	100,650,096	100,922,874	3	0	3	1
Case 80	9	100,925,136	100,970,307	3	1	4	0
Case 80	9	100,971,116	101,056,152	3	0	3	1
Case 80	9	101,063,070	101,533,973	3	1	4	0
Case 80	9	101,534,397	101,647,469	3	0	3	1
Case 80	9	101,649,752	101,685,520	3	1	4	0
Case 80	9	101,687,361	101,804,329	3	0	3	1
Case 80	9	101,804,366	102,076,659	2	1	3	0
Case 80	9	102,079,390	102,159,610	3	1	4	0
Case 80	9	102,168,293	103,391,639	3	0	3	1
Case 80	9	103,403,174	103,485,819	3	1	4	0
Case 80	9	103,486,169	103,912,602	3	0	3	1
Case 80	9	103,919,670	104,439,370	5	0	5	1
Case 80	9	104,443,319	104,939,023	3	0	3	1
Case 80	9	104,940,829	104,951,839	3	1	4	0
Case 80	9	104,954,524	105,259,717	3	0	3	1
Case 80	9	105,266,273	105,422,136	3	1	4	0
Case 80	9	105,422,608	105,518,491	3	0	3	1
Case 80	9	105,521,808	105,767,349	2	1	3	0
Case 80	9	105,767,404	106,195,084	3	0	3	1
Case 80	9	106,205,224	106,722,204	3	1	4	0
Case 80	9	106,723,148	107,547,872	3	0	3	1
Case 80	9	107,548,375	107,701,183	3	1	4	0
Case 80	9	107,704,228	107,726,070	3	0	3	1
Case 80	9	107,726,821	108,094,256	3	1	4	0
Case 80	9	108,097,888	108,641,808	3	0	3	1
Case 80	9	108,642,694	108,925,389	3	1	4	0
Case 80	9	108,926,464	109,153,027	3	0	3	1
Case 80	9	109,154,423	109,292,568	3	1	4	0
Case 80	9	109,296,536	109,658,333	2	1	3	0
Case 80	9	109,661,016	109,942,554	3	1	4	0
Case 80	9	109,943,165	109,989,135	3	0	3	1
Case 80	9	109,991,942	110,031,745	3	1	4	0
Case 80	9	110,032,498	110,231,863	3	0	3	1
Case 80	9	110,238,361	110,346,728	3	1	4	0

Case 80	9	110,350,727	110,632,874	3	0	3	1
Case 80	9	110,635,349	111,626,090	3	1	4	0
Case 80	9	111,628,667	111,870,811	3	0	3	1
Case 80	9	111,880,736	112,251,563	3	1	4	0
Case 80	9	112,253,555	112,477,012	3	0	3	1
Case 80	9	112,477,726	112,705,112	3	1	4	0
Case 80	9	112,705,167	112,869,277	3	0	3	1
Case 80	9	112,873,868	113,063,439	3	1	4	0
Case 80	9	113,065,962	114,346,041	3	0	3	1
Case 80	9	114,347,401	114,453,006	3	1	4	0
Case 80	9	114,453,843	114,645,077	3	0	3	1
Case 80	9	114,654,601	114,844,883	3	1	4	0
Case 80	9	114,846,751	114,846,751	3	0	3	1
Case 80	9	114,850,190	114,960,138	5	0	5	1
Case 80	9	114,963,346	115,634,282	3	0	3	1
Case 80	9	115,637,018	115,720,888	3	1	4	0
Case 80	9	115,722,489	115,811,102	3	0	3	1
Case 80	9	115,811,720	115,931,512	3	1	4	0
Case 80	9	115,931,746	116,021,136	3	0	3	1
Case 80	9	116,025,024	116,121,520	3	1	4	0
Case 80	9	116,122,326	116,407,227	3	0	3	1
Case 80	9	116,409,528	116,435,724	3	1	4	0
Case 80	9	116,436,877	116,708,823	3	0	3	1
Case 80	9	116,710,512	116,736,791	3	1	4	0
Case 80	9	116,737,382	117,156,596	3	0	3	1
Case 80	9	117,157,334	117,691,558	3	1	4	0
Case 80	9	117,692,463	117,844,149	3	0	3	1
Case 80	9	117,844,239	118,413,485	3	1	4	0
Case 80	9	118,413,515	118,716,486	3	0	3	1
Case 80	9	118,719,627	127,204,712	3	1	4	0
Case 80	9	127,205,611	127,589,808	3	0	3	1
Case 80	9	127,594,371	130,420,813	3	1	4	0
Case 80	9	130,422,312	130,511,737	3	0	3	1
Case 80	9	130,523,904	130,889,600	3	1	4	0
Case 80	9	130,891,060	131,944,138	3	0	3	1
Case 80	9	131,948,373	132,298,733	3	1	4	0
Case 80	9	132,302,923	132,515,730	3	0	3	1
Case 80	9	132,522,269	133,755,543	3	1	4	0
Case 80	9	133,755,754	133,778,117	3	0	3	1
Case 80	9	133,779,020	133,927,878	3	1	4	0
Case 80	9	133,927,922	133,963,142	3	0	3	1
Case 80	9	133,963,151	134,019,961	3	1	4	0
Case 80	9	134,019,979	134,223,191	3	0	3	1
Case 80	9	134,225,572	135,841,437	4	0	4	1
Case 80	9	135,842,952	136,086,916	5	0	5	1
Case 80	9	136,096,626	136,291,338	4	0	4	1
Case 80	9	136,291,361	136,335,824	3	0	3	1
Case 80	9	136,337,168	137,489,483	4	0	4	1
Case 80	9	137,490,048	137,806,260	3	0	3	1
Case 80	9	137,806,265	138,104,368	4	0	4	1
Case 80	9	138,104,497	138,830,158	3	0	3	1
Case 80	9	138,836,946	139,396,332	4	0	4	1
Case 80	9	139,399,132	139,556,771	5	0	5	1
Case 80	9	139,563,043	141,066,491	4	0	4	1
Case 80	10	98,087	3,185,393	5	0	5	1
Case 80	10	3,185,599	3,212,360	4	0	4	1
Case 80	10	3,212,382	5,437,426	5	0	5	1
Case 80	10	5,437,430	5,437,430	3	0	3	1
Case 80	10	5,441,973	5,874,958	6	0	6	1
Case 80	10	5,877,213	39,088,829	5	0	5	1
Case 80	10	39,097,912	39,097,912	4	0	4	1

Case 80	10	42,436,301	42,509,794	2	0	2	1
Case 80	10	42,682,133	64,949,103	3	0	3	1
Case 80	10	64,949,422	64,973,978	2	1	3	0
Case 80	10	64,974,017	64,993,101	2	0	2	1
Case 80	10	65,027,610	91,465,118	3	0	3	1
Case 80	10	91,465,167	91,465,167	2	1	3	0
Case 80	10	91,468,925	91,518,638	2	0	2	1
Case 80	10	91,520,368	102,383,988	3	0	3	1
Case 80	10	102,387,274	102,820,392	4	0	4	1
Case 80	10	102,822,575	112,555,409	3	0	3	1
Case 80	10	112,555,472	112,753,721	5	0	5	1
Case 80	10	112,763,385	123,937,461	3	0	3	1
Case 80	10	123,944,489	124,015,709	1	0	1	0
Case 80	10	124,015,986	124,085,736	0	0	0	0
Case 80	10	124,086,757	124,086,757	3	0	3	1
Case 80	10	124,087,092	124,109,093	1	0	1	0
Case 80	10	124,114,356	124,126,761	0	0	0	0
Case 80	10	124,132,188	134,073,886	3	0	3	1
Case 80	10	134,079,092	134,283,875	4	0	4	1
Case 80	10	134,285,403	135,477,883	3	0	3	1
Case 80	11	193,146	298,542	5	0	5	1
Case 80	11	298,562	477,623	4	0	4	1
Case 80	11	479,108	521,302	3	0	3	1
Case 80	11	529,967	566,936	6	0	6	1
Case 80	11	567,391	577,534	4	0	4	1
Case 80	11	587,343	613,208	5	0	5	1
Case 80	11	613,589	1,093,885	4	0	4	1
Case 80	11	1,093,898	1,365,531	3	0	3	1
Case 80	11	1,369,465	2,107,655	4	0	4	1
Case 80	11	2,108,072	2,549,229	5	0	5	1
Case 80	11	2,550,730	17,809,343	4	0	4	1
Case 80	11	17,809,598	17,930,293	3	0	3	1
Case 80	11	17,934,383	26,792,747	4	0	4	1
Case 80	11	26,793,052	26,793,052	3	0	3	1
Case 80	11	26,803,448	27,906,952	6	0	6	1
Case 80	11	27,911,646	28,937,491	4	0	4	1
Case 80	11	28,943,475	28,962,881	2	0	2	1
Case 80	11	28,977,527	34,176,377	4	0	4	1
Case 80	11	34,180,861	34,502,482	5	0	5	1
Case 80	11	34,504,002	51,591,253	4	0	4	1
Case 80	11	54,794,237	62,446,021	4	0	4	1
Case 80	11	62,446,179	62,641,999	3	0	3	1
Case 80	11	62,649,042	64,569,000	4	0	4	1
Case 80	11	64,569,546	64,685,482	3	0	3	1
Case 80	11	64,687,381	64,721,908	4	0	4	1
Case 80	11	64,727,087	64,832,029	5	0	5	1
Case 80	11	64,833,935	65,436,888	4	0	4	1
Case 80	11	65,458,197	65,585,257	5	0	5	1
Case 80	11	65,590,713	68,125,162	4	0	4	1
Case 80	11	68,135,890	68,217,420	3	0	3	1
Case 80	11	68,236,389	75,023,441	4	0	4	1
Case 80	11	75,026,331	75,087,520	5	0	5	1
Case 80	11	75,100,600	77,055,786	4	0	4	1
Case 80	11	77,069,746	77,526,474	5	0	5	1
Case 80	11	77,531,733	80,897,179	4	0	4	1
Case 80	11	80,897,495	81,062,761	3	0	3	1
Case 80	11	81,071,843	84,634,790	4	0	4	1
Case 80	11	84,636,486	85,379,051	2	0	2	1
Case 80	11	85,394,238	102,070,361	4	0	4	1
Case 80	11	102,070,639	102,070,639	3	0	3	1
Case 80	11	102,076,653	102,378,193	6	0	6	1

Case 80	11	102,378,560	118,332,517	4	0	4	1
Case 80	11	118,341,921	118,579,747	5	0	5	1
Case 80	11	118,610,463	128,234,772	4	0	4	1
Case 80	11	128,236,936	128,354,720	5	0	5	1
Case 80	11	128,354,820	134,934,063	4	0	4	1
Case 80	12	191,619	7,985,752	3	1	4	0
Case 80	12	7,987,761	8,097,404	3	2	5	0
Case 80	12	8,097,433	12,837,819	3	1	4	0
Case 80	12	12,841,735	13,358,206	2	2	4	0
Case 80	12	13,361,316	13,482,712	3	2	5	0
Case 80	12	13,485,340	13,721,148	2	2	4	0
Case 80	12	13,722,275	14,008,506	3	2	5	0
Case 80	12	14,012,006	14,214,636	3	1	4	0
Case 80	12	14,229,229	14,488,914	4	1	5	0
Case 80	12	14,517,338	26,945,413	3	1	4	0
Case 80	12	26,946,854	27,070,646	4	1	5	0
Case 80	12	27,083,360	34,245,756	3	1	4	0
Case 80	12	34,263,134	34,460,029	3	0	3	1
Case 80	12	34,506,279	34,853,011	2	1	3	0
Case 80	12	37,876,400	38,416,139	2	1	3	0
Case 80	12	38,424,982	45,115,634	3	1	4	0
Case 80	12	45,149,102	45,239,637	3	0	3	1
Case 80	12	45,249,956	49,728,427	3	1	4	0
Case 80	12	49,735,340	50,306,148	2	2	4	0
Case 80	12	50,316,439	51,870,386	3	1	4	0
Case 80	12	51,878,672	52,057,660	3	2	5	0
Case 80	12	52,060,359	52,204,246	3	0	3	1
Case 80	12	52,211,617	52,859,985	3	2	5	0
Case 80	12	52,862,614	55,805,647	3	1	4	0
Case 80	12	55,815,369	56,138,430	4	1	5	0
Case 80	12	56,140,027	56,331,777	3	1	4	0
Case 80	12	56,333,210	56,561,241	4	1	5	0
Case 80	12	56,563,563	56,824,665	3	1	4	0
Case 80	12	56,825,311	56,952,878	4	1	5	0
Case 80	12	56,956,213	71,507,561	3	1	4	0
Case 80	12	71,519,116	71,551,461	4	1	5	0
Case 80	12	71,566,754	80,083,520	3	1	4	0
Case 80	12	80,083,954	80,101,106	3	0	3	1
Case 80	12	80,108,416	100,139,334	3	1	4	0
Case 80	12	100,152,136	100,293,070	3	0	3	1
Case 80	12	100,300,029	115,629,903	3	1	4	0
Case 80	12	115,634,875	115,959,064	2	2	4	0
Case 80	12	115,959,934	118,649,954	3	1	4	0
Case 80	12	118,664,823	118,712,413	3	0	3	1
Case 80	12	118,735,685	121,371,233	3	1	4	0
Case 80	12	121,384,680	121,668,684	4	1	5	0
Case 80	12	121,669,145	121,982,892	3	1	4	0
Case 80	12	121,983,465	125,297,424	4	1	5	0
Case 80	12	125,298,855	125,298,877	3	1	4	0
Case 80	12	125,299,542	125,299,614	2	1	3	0
Case 80	12	125,299,830	125,332,955	2	0	2	1
Case 80	12	125,335,950	125,335,950	3	0	3	1
Case 80	12	125,341,870	125,344,465	3	1	4	0
Case 80	12	125,351,116	132,425,971	4	1	5	0
Case 80	12	132,426,218	132,626,395	3	1	4	0
Case 80	12	132,626,425	133,237,641	4	1	5	0
Case 80	12	133,238,076	133,245,483	3	1	4	0
Case 80	12	133,249,254	133,254,193	2	1	3	0
Case 80	12	133,256,218	133,281,462	2	0	2	1
Case 80	12	133,286,192	133,286,192	3	0	3	1
Case 80	12	133,286,894	133,291,879	3	1	4	0



Case 80	12	133,295,353	133,810,935	4	1	5	0
Case 80	13	19,058,717	27,386,655	2	2	4	0
Case 80	13	27,387,857	27,444,933	4	2	6	0
Case 80	13	27,445,339	27,445,339	4	0	4	1
Case 80	13	27,445,373	27,598,826	6	1	7	0
Case 80	13	27,599,149	27,599,149	4	0	4	1
Case 80	13	27,600,884	27,629,806	4	2	6	0
Case 80	13	27,641,693	31,060,704	2	2	4	0
Case 80	13	31,071,237	37,139,947	3	2	5	0
Case 80	13	37,144,848	40,477,624	2	1	3	0
Case 80	13	40,480,447	41,193,475	2	2	4	0
Case 80	13	41,194,032	41,340,912	2	1	3	0
Case 80	13	41,340,992	41,387,996	3	0	3	1
Case 80	13	41,390,881	42,569,709	2	1	3	0
Case 80	13	42,570,201	42,759,416	2	2	4	0
Case 80	13	42,761,201	42,953,077	2	1	3	0
Case 80	13	42,956,463	43,462,422	2	2	4	0
Case 80	13	43,462,597	44,236,212	2	1	3	0
Case 80	13	44,236,266	44,394,588	2	2	4	0
Case 80	13	44,394,894	44,499,013	3	0	3	1
Case 80	13	44,507,689	51,854,595	3	2	5	0
Case 80	13	51,854,668	51,977,205	2	2	4	0
Case 80	13	51,987,718	52,477,005	3	2	5	0
Case 80	13	52,478,985	53,049,113	2	2	4	0
Case 80	13	53,049,198	53,397,564	3	2	5	0
Case 80	13	53,397,648	53,436,517	2	2	4	0
Case 80	13	53,441,955	53,729,815	4	2	6	0
Case 80	13	53,736,594	54,659,312	3	2	5	0
Case 80	13	54,660,744	55,104,771	2	2	4	0
Case 80	13	55,107,650	60,256,759	3	2	5	0
Case 80	13	60,261,966	60,744,965	2	2	4	0
Case 80	13	60,770,022	61,409,805	3	2	5	0
Case 80	13	61,410,191	61,989,175	2	2	4	0
Case 80	13	61,992,808	64,198,933	3	2	5	0
Case 80	13	64,202,642	65,123,573	2	2	4	0
Case 80	13	65,124,700	66,176,167	3	2	5	0
Case 80	13	66,181,960	66,284,987	2	2	4	0
Case 80	13	66,286,953	67,646,563	3	2	5	0
Case 80	13	67,649,864	67,838,330	2	2	4	0
Case 80	13	67,842,588	73,653,881	3	2	5	0
Case 80	13	73,655,211	74,115,700	3	3	6	0
Case 80	13	74,125,798	74,213,538	5	0	5	1
Case 80	13	74,220,779	75,777,862	3	0	3	1
Case 80	13	75,786,813	75,842,148	4	0	4	1
Case 80	13	75,847,299	95,258,830	3	0	3	1
Case 80	13	95,258,944	95,258,944	4	0	4	1
Case 80	13	95,262,116	95,508,061	2	0	2	1
Case 80	13	95,513,006	96,410,115	4	0	4	1
Case 80	13	96,413,062	98,994,030	2	0	2	1
Case 80	13	98,996,101	99,120,484	3	0	3	1
Case 80	13	99,122,373	99,315,652	4	0	4	1
Case 80	13	99,315,793	99,462,510	3	0	3	1
Case 80	13	99,468,479	99,468,479	4	0	4	1
Case 80	13	99,469,134	99,783,668	2	0	2	1
Case 80	13	99,787,021	99,919,905	4	0	4	1
Case 80	13	99,932,922	105,019,939	3	0	3	1
Case 80	13	105,022,220	111,745,599	3	2	5	0
Case 80	13	111,746,149	114,318,239	2	2	4	0
Case 80	13	114,321,711	114,834,589	3	2	5	0
Case 80	13	114,835,802	115,103,529	2	2	4	0
Case 80	14	19,280,733	22,590,996	3	0	3	1

Case 80	14	22,591,988	22,859,482	4	0	4	1
Case 80	14	22,861,516	22,963,646	5	0	5	1
Case 80	14	22,964,782	23,393,856	4	0	4	1
Case 80	14	23,395,991	26,364,940	3	0	3	1
Case 80	14	26,370,860	27,402,506	4	0	4	1
Case 80	14	27,402,787	27,863,056	3	0	3	1
Case 80	14	27,870,844	28,235,034	4	0	4	1
Case 80	14	28,253,075	28,837,771	3	0	3	1
Case 80	14	28,844,064	28,887,520	1	0	1	0
Case 80	14	28,909,201	31,532,203	3	0	3	1
Case 80	14	31,534,471	31,819,913	4	0	4	1
Case 80	14	31,828,110	35,860,074	3	0	3	1
Case 80	14	35,862,404	36,004,539	4	0	4	1
Case 80	14	36,004,546	38,180,813	3	0	3	1
Case 80	14	38,185,661	38,234,632	1	0	1	0
Case 80	14	38,246,440	42,552,103	3	0	3	1
Case 80	14	42,554,430	45,606,387	4	0	4	1
Case 80	14	45,618,040	45,642,394	3	0	3	1
Case 80	14	45,644,409	45,646,104	1	0	1	0
Case 80	14	45,650,888	45,651,681	3	0	3	1
Case 80	14	45,651,965	45,651,965	2	1	3	0
Case 80	14	45,654,467	45,693,341	2	0	2	1
Case 80	14	45,693,605	45,719,643	4	0	4	1
Case 80	14	45,734,497	45,977,692	2	0	2	1
Case 80	14	45,987,005	46,669,683	3	0	3	1
Case 80	14	46,674,244	61,886,406	4	0	4	1
Case 80	14	61,887,477	62,196,948	5	0	5	1
Case 80	14	62,197,298	65,008,151	4	0	4	1
Case 80	14	65,008,251	65,406,238	5	0	5	1
Case 80	14	65,406,279	65,617,884	4	0	4	1
Case 80	14	65,618,655	65,884,212	5	0	5	1
Case 80	14	65,885,275	68,454,505	4	0	4	1
Case 80	14	68,480,984	68,765,724	5	0	5	1
Case 80	14	68,767,972	73,894,496	4	0	4	1
Case 80	14	73,925,895	88,623,625	3	0	3	1
Case 80	14	88,624,270	88,823,655	4	0	4	1
Case 80	14	88,825,490	91,005,443	3	0	3	1
Case 80	14	91,007,828	91,773,568	4	0	4	1
Case 80	14	91,774,732	92,013,263	3	0	3	1
Case 80	14	92,032,755	92,066,554	1	0	1	0
Case 80	14	92,070,607	92,682,604	3	0	3	1
Case 80	14	92,684,157	93,019,511	4	0	4	1
Case 80	14	93,022,148	93,127,184	3	0	3	1
Case 80	14	93,127,411	93,532,014	4	0	4	1
Case 80	14	93,536,969	95,462,477	3	0	3	1
Case 80	14	95,469,906	96,379,833	4	0	4	1
Case 80	14	96,381,342	97,075,308	3	0	3	1
Case 80	14	97,076,516	97,198,156	4	0	4	1
Case 80	14	97,198,314	105,063,342	3	0	3	1
Case 80	14	105,065,970	105,233,095	4	0	4	1
Case 80	14	105,236,685	107,287,663	3	0	3	1
Case 80	15	20,034,919	25,602,950	2	2	4	0
Case 80	15	25,616,494	25,803,609	3	0	3	1
Case 80	15	25,808,285	31,821,835	2	2	4	0
Case 80	15	31,822,215	32,350,775	3	2	5	0
Case 80	15	32,355,947	33,101,473	2	2	4	0
Case 80	15	33,103,170	33,856,012	3	2	5	0
Case 80	15	33,858,675	35,135,007	2	2	4	0
Case 80	15	35,141,453	36,656,303	3	2	5	0
Case 80	15	36,656,703	36,879,892	2	2	4	0
Case 80	15	36,880,618	38,698,617	3	2	5	0

Case 80	15	38,711,486	38,990,598	2	2	4	0
Case 80	15	38,990,769	39,224,334	3	2	5	0
Case 80	15	39,228,122	45,156,734	2	2	4	0
Case 80	15	45,202,919	45,358,846	4	2	6	0
Case 80	15	45,361,227	46,748,538	3	2	5	0
Case 80	15	46,749,422	47,280,655	2	2	4	0
Case 80	15	47,282,507	48,013,174	3	2	5	0
Case 80	15	48,015,116	48,819,502	2	2	4	0
Case 80	15	48,822,627	50,946,761	3	2	5	0
Case 80	15	50,952,910	51,546,298	2	2	4	0
Case 80	15	51,548,310	52,188,668	3	2	5	0
Case 80	15	52,194,469	53,270,480	2	2	4	0
Case 80	15	53,272,273	53,575,652	3	2	5	0
Case 80	15	53,576,499	54,075,546	2	2	4	0
Case 80	15	54,080,919	55,456,510	3	2	5	0
Case 80	15	55,456,922	56,208,476	2	2	4	0
Case 80	15	56,208,534	57,762,793	3	2	5	0
Case 80	15	57,763,464	58,173,651	2	2	4	0
Case 80	15	58,174,806	58,738,760	3	2	5	0
Case 80	15	58,739,646	59,430,501	2	2	4	0
Case 80	15	59,445,894	60,002,617	4	2	6	0
Case 80	15	60,014,228	60,210,305	3	2	5	0
Case 80	15	60,214,996	61,855,340	2	2	4	0
Case 80	15	61,856,952	62,269,312	3	2	5	0
Case 80	15	62,269,392	62,283,887	2	2	4	0
Case 80	15	62,300,870	62,546,057	4	2	6	0
Case 80	15	62,550,257	64,005,783	2	2	4	0
Case 80	15	64,011,104	64,762,593	3	2	5	0
Case 80	15	64,771,307	65,937,992	2	2	4	0
Case 80	15	65,940,663	66,392,461	4	2	6	0
Case 80	15	66,392,896	68,028,989	2	2	4	0
Case 80	15	68,034,150	68,499,321	3	2	5	0
Case 80	15	68,499,788	69,714,049	2	2	4	0
Case 80	15	69,714,068	70,034,088	3	2	5	0
Case 80	15	70,037,839	70,754,781	2	2	4	0
Case 80	15	70,755,494	70,971,971	4	2	6	0
Case 80	15	70,972,015	71,731,155	3	2	5	0
Case 80	15	71,734,221	76,254,311	2	2	4	0
Case 80	15	76,260,430	76,474,217	3	2	5	0
Case 80	15	76,474,260	85,227,636	2	2	4	0
Case 80	15	85,251,713	85,326,313	4	2	6	0
Case 80	15	85,326,594	85,327,966	3	3	6	0
Case 80	15	85,330,745	85,583,088	4	3	7	0
Case 80	15	85,590,642	86,427,595	2	2	4	0
Case 80	15	86,428,257	87,748,661	3	2	5	0
Case 80	15	87,750,602	90,142,672	2	2	4	0
Case 80	15	90,144,615	90,213,343	3	2	5	0
Case 80	15	90,213,364	90,213,364	2	2	4	0
Case 80	15	90,213,451	91,347,463	4	2	6	0
Case 80	15	91,351,930	91,557,034	3	2	5	0
Case 80	15	91,557,071	99,664,045	4	2	6	0
Case 80	15	99,666,329	99,758,815	3	2	5	0
Case 80	15	99,758,857	99,759,129	2	2	4	0
Case 80	15	99,759,194	100,589,191	4	2	6	0
Case 80	15	100,591,794	101,041,964	3	2	5	0
Case 80	15	101,044,929	101,045,079	2	2	4	0
Case 80	15	101,052,430	101,420,155	4	2	6	0
Case 80	15	101,421,673	102,104,049	3	2	5	0
Case 80	15	102,104,694	102,461,162	4	2	6	0
Case 80	16	88,165	397,044	3	0	3	1
Case 80	16	407,800	422,262	3	1	4	0

Case 80	16	424,005	580,124	3	0	3	1
Case 80	16	591,586	591,586	4	0	4	1
Case 80	16	593,277	685,708	2	0	2	1
Case 80	16	697,443	11,773,743	3	0	3	1
Case 80	16	11,780,655	11,846,231	4	0	4	1
Case 80	16	11,846,508	11,846,508	3	0	3	1
Case 80	16	11,846,619	11,970,882	6	0	6	1
Case 80	16	11,976,414	12,040,511	4	0	4	1
Case 80	16	12,043,512	16,100,513	3	0	3	1
Case 80	16	16,100,560	16,142,079	1	0	1	0
Case 80	16	16,142,358	16,152,940	0	0	0	0
Case 80	16	16,155,103	28,608,487	3	0	3	1
Case 80	16	28,615,243	28,620,752	0	0	0	0
Case 80	16	28,628,143	35,285,582	3	0	3	1
Case 80	16	46,450,037	50,587,976	3	0	3	1
Case 80	16	50,600,877	50,811,118	4	0	4	1
Case 80	16	50,815,188	68,282,077	3	0	3	1
Case 80	16	68,289,186	68,613,106	4	0	4	1
Case 80	16	68,624,373	69,424,499	3	0	3	1
Case 80	16	69,429,147	69,474,517	4	0	4	1
Case 80	16	69,481,071	70,843,909	3	0	3	1
Case 80	16	70,867,880	71,171,147	3	1	4	0
Case 80	16	71,174,886	78,187,903	3	0	3	1
Case 80	16	78,190,218	78,265,836	1	0	1	0
Case 80	16	78,267,097	85,531,362	3	0	3	1
Case 80	16	85,536,550	85,774,917	4	0	4	1
Case 80	16	85,790,981	87,802,776	3	0	3	1
Case 80	16	87,808,697	87,854,337	4	0	4	1
Case 80	16	87,854,410	89,805,074	3	0	3	1
Case 80	16	89,805,301	90,103,117	5	0	5	1
Case 80	16	90,103,659	90,274,695	3	0	3	1
Case 80	17	11,885	978,653	3	0	3	1
Case 80	17	981,612	17,722,470	4	0	4	1
Case 80	17	17,722,503	18,099,962	5	0	5	1
Case 80	17	18,103,907	22,242,355	4	0	4	1
Case 80	17	25,268,142	25,765,540	4	0	4	1
Case 80	17	25,768,404	26,337,703	5	0	5	1
Case 80	17	26,349,998	34,436,708	4	0	4	1
Case 80	17	34,443,811	34,476,396	4	2	6	0
Case 80	17	34,597,521	37,767,453	4	0	4	1
Case 80	17	37,771,064	37,829,392	5	0	5	1
Case 80	17	37,829,460	37,831,035	4	0	4	1
Case 80	17	37,832,366	38,073,390	5	1	6	0
Case 80	17	38,073,536	40,498,273	4	0	4	1
Case 80	17	40,499,533	40,737,170	5	0	5	1
Case 80	17	40,737,178	48,539,997	4	0	4	1
Case 80	17	48,540,868	48,725,604	5	0	5	1
Case 80	17	48,728,583	48,883,131	4	0	4	1
Case 80	17	48,883,834	49,052,278	5	0	5	1
Case 80	17	49,060,008	55,781,270	4	0	4	1
Case 80	17	55,783,487	56,085,257	5	0	5	1
Case 80	17	56,085,439	57,196,822	4	0	4	1
Case 80	17	57,206,124	57,335,131	3	0	3	1
Case 80	17	57,354,718	62,764,047	4	0	4	1
Case 80	17	62,773,261	72,350,663	3	0	3	1
Case 80	17	72,350,664	73,816,446	4	0	4	1
Case 80	17	73,816,844	73,836,181	5	0	5	1
Case 80	17	73,836,317	73,873,394	4	0	4	1
Case 80	17	73,873,656	73,975,075	5	0	5	1
Case 80	17	73,975,139	78,054,102	4	0	4	1
Case 80	17	78,055,455	78,162,296	5	0	5	1

Case 80	17	78,162,327	79,171,929	4	0	4	1
Case 80	17	79,171,959	79,532,654	3	0	3	1
Case 80	17	79,539,043	79,993,212	4	0	4	1
Case 80	17	79,993,919	81,060,040	5	0	5	1
Case 80	18	87,505	2,089,892	4	0	4	1
Case 80	18	2,094,574	2,462,400	5	0	5	1
Case 80	18	2,463,095	3,534,608	4	0	4	1
Case 80	18	3,547,523	3,776,564	6	1	7	0
Case 80	18	3,777,899	3,970,124	4	0	4	1
Case 80	18	3,971,115	4,390,081	5	0	5	1
Case 80	18	4,394,577	6,433,650	4	0	4	1
Case 80	18	6,437,844	6,868,155	5	0	5	1
Case 80	18	6,868,925	15,375,878	4	0	4	1
Case 80	18	18,520,354	19,237,108	4	0	4	1
Case 80	18	19,239,275	19,239,275	5	0	5	1
Case 80	18	19,243,664	19,282,394	5	1	6	0
Case 80	18	19,283,564	19,283,564	5	0	5	1
Case 80	18	19,284,592	20,002,116	4	0	4	1
Case 80	18	20,003,666	20,484,640	5	0	5	1
Case 80	18	20,494,552	22,136,830	4	0	4	1
Case 80	18	22,137,319	22,588,929	5	0	5	1
Case 80	18	22,595,550	25,957,703	4	0	4	1
Case 80	18	25,958,880	26,425,451	5	0	5	1
Case 80	18	26,426,397	28,182,328	4	0	4	1
Case 80	18	28,183,475	28,560,707	5	0	5	1
Case 80	18	28,562,333	30,030,605	4	0	4	1
Case 80	18	30,035,903	30,414,984	5	0	5	1
Case 80	18	30,415,062	34,058,015	4	0	4	1
Case 80	18	34,064,970	34,587,096	3	0	3	1
Case 80	18	34,630,103	37,135,323	4	0	4	1
Case 80	18	37,141,201	37,304,966	3	0	3	1
Case 80	18	37,340,664	41,152,727	4	0	4	1
Case 80	18	41,155,806	43,028,130	5	0	5	1
Case 80	18	43,030,953	59,896,321	4	0	4	1
Case 80	18	59,896,965	59,942,691	2	0	2	1
Case 80	18	59,947,118	78,015,180	3	0	3	1
Case 80	19	260,912	409,977	3	0	3	1
Case 80	19	416,963	661,080	4	0	4	1
Case 80	19	663,929	2,191,238	3	0	3	1
Case 80	19	2,194,896	2,487,858	4	0	4	1
Case 80	19	2,491,658	2,528,705	3	0	3	1
Case 80	19	2,532,725	2,650,034	4	0	4	1
Case 80	19	2,657,397	4,014,065	3	0	3	1
Case 80	19	4,024,020	4,045,962	1	0	1	0
Case 80	19	4,049,550	10,526,009	3	0	3	1
Case 80	19	10,537,268	12,812,982	2	2	4	0
Case 80	19	12,813,683	12,883,020	3	2	5	0
Case 80	19	12,883,026	13,873,698	2	2	4	0
Case 80	19	13,873,793	14,115,718	3	2	5	0
Case 80	19	14,130,215	14,143,016	3	0	3	1
Case 80	19	14,147,263	24,629,285	2	2	4	0
Case 80	19	27,732,159	29,898,187	2	2	4	0
Case 80	19	29,901,465	30,539,739	4	2	6	0
Case 80	19	30,546,184	39,727,668	2	2	4	0
Case 80	19	39,729,479	39,880,133	3	2	5	0
Case 80	19	39,882,034	39,955,643	2	2	4	0
Case 80	19	39,955,791	40,095,901	3	2	5	0
Case 80	19	40,095,924	41,120,305	2	2	4	0
Case 80	19	41,122,891	41,166,954	3	2	5	0
Case 80	19	41,168,196	42,085,722	2	2	4	0
Case 80	19	42,085,873	42,407,872	4	2	6	0

Case 80	19	42,408,188	44,207,318	2	2	4	0
Case 80	19	44,213,380	44,226,127	3	2	5	0
Case 80	19	44,232,736	44,470,147	4	2	6	0
Case 80	19	44,470,165	44,515,541	3	2	5	0
Case 80	19	44,516,964	44,574,700	3	3	6	0
Case 80	19	44,575,720	44,932,972	3	2	5	0
Case 80	19	44,932,979	46,112,907	2	2	4	0
Case 80	19	46,116,477	46,439,321	4	2	6	0
Case 80	19	46,440,300	48,846,689	2	2	4	0
Case 80	19	48,848,274	49,020,315	3	2	5	0
Case 80	19	49,027,683	49,196,722	5	2	7	0
Case 80	19	49,202,859	49,206,818	3	2	5	0
Case 80	19	49,206,862	49,207,095	2	2	4	0
Case 80	19	49,207,206	49,465,960	4	2	6	0
Case 80	19	49,472,745	49,564,124	3	2	5	0
Case 80	19	49,564,629	49,925,667	3	1	4	0
Case 80	19	49,926,493	49,971,816	3	0	3	1
Case 80	19	49,972,172	50,164,390	3	1	4	0
Case 80	19	50,164,569	50,549,304	2	1	3	0
Case 80	19	50,549,441	50,754,695	3	1	4	0
Case 80	19	50,755,956	51,013,325	2	1	3	0
Case 80	19	51,013,965	52,529,074	3	1	4	0
Case 80	19	52,535,421	52,538,634	3	0	3	1
Case 80	19	52,542,465	53,013,899	3	1	4	0
Case 80	19	53,014,019	53,117,549	2	1	3	0
Case 80	19	53,117,609	53,293,834	3	1	4	0
Case 80	19	53,297,766	53,382,381	2	1	3	0
Case 80	19	53,383,865	53,456,126	3	0	3	1
Case 80	19	53,456,127	53,637,115	3	1	4	0
Case 80	19	53,642,708	53,756,120	2	1	3	0
Case 80	19	53,757,505	54,206,688	3	1	4	0
Case 80	19	54,207,589	54,314,477	2	1	3	0
Case 80	19	54,314,489	54,578,196	3	1	4	0
Case 80	19	54,578,328	54,677,167	3	0	3	1
Case 80	19	54,677,897	55,111,727	3	1	4	0
Case 80	19	55,111,785	55,143,209	3	0	3	1
Case 80	19	55,143,452	55,360,486	3	1	4	0
Case 80	19	55,362,859	55,496,583	2	1	3	0
Case 80	19	55,497,674	55,661,621	3	1	4	0
Case 80	19	55,663,250	55,697,718	2	1	3	0
Case 80	19	55,698,955	55,967,789	2	2	4	0
Case 80	19	55,971,133	55,995,498	2	1	3	0
Case 80	19	55,995,886	56,918,598	3	1	4	0
Case 80	19	56,924,761	57,109,821	2	1	3	0
Case 80	19	57,110,922	57,630,475	3	1	4	0
Case 80	19	57,640,185	57,731,443	2	1	3	0
Case 80	19	57,734,848	57,839,567	3	1	4	0
Case 80	19	57,840,314	58,050,063	2	1	3	0
Case 80	19	58,058,246	58,101,681	3	1	4	0
Case 80	19	58,101,790	58,153,577	2	1	3	0
Case 80	19	58,153,596	58,436,041	3	1	4	0
Case 80	19	58,437,524	58,600,048	2	1	3	0
Case 80	19	58,601,221	58,773,014	3	1	4	0
Case 80	19	58,773,053	59,097,160	2	1	3	0
Case 80	20	63,244	2,058,009	3	3	6	0
Case 80	20	2,059,834	3,306,879	3	2	5	0
Case 80	20	3,329,231	3,329,231	2	2	4	0
Case 80	20	3,339,581	3,649,619	4	2	6	0
Case 80	20	3,649,949	3,897,654	3	2	5	0
Case 80	20	3,899,342	3,903,634	2	2	4	0
Case 80	20	3,905,730	6,510,902	4	2	6	0

Case 80	20	6,526,125	6,997,406	3	0	3	1
Case 80	20	7,006,365	14,675,433	4	2	6	0
Case 80	20	14,678,135	14,939,688	3	0	3	1
Case 80	20	14,949,763	15,416,394	4	2	6	0
Case 80	20	15,420,403	15,422,629	4	0	4	1
Case 80	20	15,423,803	16,008,638	5	0	5	1
Case 80	20	16,009,257	16,014,926	4	0	4	1
Case 80	20	16,015,163	16,493,698	4	2	6	0
Case 80	20	16,493,904	16,572,601	3	3	6	0
Case 80	20	16,575,342	16,675,392	4	3	7	0
Case 80	20	16,683,778	16,683,778	2	2	4	0
Case 80	20	16,688,881	23,331,021	4	2	6	0
Case 80	20	23,334,796	24,086,701	3	2	5	0
Case 80	20	24,098,673	25,181,074	3	3	6	0
Case 80	20	25,184,466	25,723,632	3	2	5	0
Case 80	20	25,730,968	26,293,985	3	3	6	0
Case 80	20	29,425,357	36,174,062	3	3	6	0
Case 80	20	36,174,175	42,088,552	4	3	7	0
Case 80	20	42,088,842	42,088,845	2	2	4	0
Case 80	20	42,089,366	42,331,208	4	2	6	0
Case 80	20	42,331,278	42,355,753	3	3	6	0
Case 80	20	42,357,295	43,834,313	4	3	7	0
Case 80	20	43,836,015	43,836,015	2	2	4	0
Case 80	20	43,836,016	43,893,276	4	2	6	0
Case 80	20	43,897,362	44,787,478	3	3	6	0
Case 80	20	44,790,262	45,809,082	4	3	7	0
Case 80	20	45,812,022	45,812,022	2	2	4	0
Case 80	20	45,812,065	45,812,065	3	3	6	0
Case 80	20	45,813,847	45,844,576	4	2	6	0
Case 80	20	45,849,764	46,403,653	3	3	6	0
Case 80	20	46,403,906	47,839,969	4	3	7	0
Case 80	20	47,841,503	47,841,650	2	2	4	0
Case 80	20	47,841,660	47,868,064	4	2	6	0
Case 80	20	47,869,191	48,116,898	3	3	6	0
Case 80	20	48,116,955	49,037,061	4	3	7	0
Case 80	20	49,040,482	50,447,917	5	0	5	1
Case 80	20	50,449,214	51,682,625	6	0	6	1
Case 80	20	51,686,119	52,198,967	5	0	5	1
Case 80	20	52,199,238	52,199,238	3	0	3	1
Case 80	20	52,199,495	54,468,058	6	0	6	1
Case 80	20	54,482,276	54,482,297	4	0	4	1
Case 80	20	54,482,619	60,861,061	5	0	5	1
Case 80	20	60,866,789	62,209,881	4	0	4	1
Case 80	20	62,212,928	62,948,788	5	0	5	1
Case 80	21	10,827,533	10,906,922	3	0	3	1
Case 80	21	10,906,936	10,916,412	1	0	1	0
Case 80	21	10,916,435	10,971,337	3	0	3	1
Case 80	21	14,368,320	27,374,604	3	0	3	1
Case 80	21	27,390,212	27,441,795	1	0	1	0
Case 80	21	27,442,596	27,484,463	0	0	0	0
Case 80	21	27,495,183	36,554,943	3	0	3	1
Case 80	21	36,561,074	36,715,761	5	0	5	1
Case 80	21	36,722,562	39,698,055	3	0	3	1
Case 80	21	39,705,268	40,670,434	5	0	5	1
Case 80	21	40,686,327	44,618,563	3	0	3	1
Case 80	21	44,628,741	45,114,205	4	0	4	1
Case 80	21	45,115,488	45,877,228	5	0	5	1
Case 80	21	45,877,287	48,100,155	4	0	4	1
Case 80	22	16,114,244	18,493,980	3	0	3	1
Case 80	22	18,495,470	18,613,045	4	0	4	1
Case 80	22	18,613,893	29,446,903	3	0	3	1

Case 80	22	29,449,477	29,454,998	0	0	0	0
Case 80	22	29,455,003	29,455,003	3	0	3	1
Case 80	22	29,456,467	29,467,221	1	0	1	0
Case 80	22	29,468,456	29,513,729	0	0	0	0
Case 80	22	29,517,453	42,896,474	3	0	3	1
Case 80	22	42,907,619	42,950,033	3	1	4	0
Case 80	22	42,956,211	46,362,396	3	0	3	1
Case 80	22	46,363,739	50,647,098	4	0	4	1
Case 80	22	50,647,969	50,909,181	5	0	5	1
Case 80	22	50,910,875	51,195,728	4	0	4	1
Case 82	1	82,154	17,248,532	1	1	2	0
Case 82	1	17,249,161	17,281,359	0	0	0	0
Case 82	1	17,282,425	18,807,953	1	1	2	0
Case 82	1	18,807,968	18,807,972	5	2	7	0
Case 82	1	18,808,056	93,639,101	1	1	2	0
Case 82	1	93,645,182	93,730,427	1	0	1	0
Case 82	1	93,741,025	109,366,554	1	1	2	0
Case 82	1	109,367,944	109,371,874	0	0	0	0
Case 82	1	109,373,214	121,346,616	1	1	2	0
Case 82	1	142,649,718	227,839,384	1	1	2	0
Case 82	1	227,842,385	227,843,423	0	0	0	0
Case 82	1	227,862,055	228,495,832	1	1	2	0
Case 82	1	228,495,983	228,509,555	1	0	1	0
Case 82	1	228,509,579	249,218,992	1	1	2	0
Case 82	2	18,674	89,931,911	1	1	2	0
Case 82	2	90,010,895	90,240,473	0	0	0	0
Case 82	2	91,776,211	92,081,640	1	1	2	0
Case 82	2	95,429,424	109,392,302	1	1	2	0
Case 82	2	109,392,356	109,513,654	1	0	1	0
Case 82	2	109,513,673	243,048,760	1	1	2	0
Case 82	3	61,495	16,578,457	1	1	2	0
Case 82	3	16,585,132	16,656,331	1	0	1	0
Case 82	3	16,662,488	65,185,849	1	1	2	0
Case 82	3	65,191,847	65,215,804	0	0	0	0
Case 82	3	65,219,095	90,442,925	1	1	2	0
Case 82	3	93,537,290	180,325,561	1	1	2	0
Case 82	3	180,325,754	180,337,082	0	0	0	0
Case 82	3	180,337,700	197,838,262	1	1	2	0
Case 82	4	71,566	86,089	1	1	2	0
Case 82	4	86,137	442,021	1	0	1	0
Case 82	4	445,794	49,620,898	1	1	2	0
Case 82	4	52,697,856	190,963,766	1	1	2	0
Case 82	5	38,139	32,101,400	1	1	2	0
Case 82	5	32,107,381	32,159,517	5	0	5	1
Case 82	5	32,169,547	46,399,093	1	1	2	0
Case 82	5	49,457,282	139,931,613	1	1	2	0
Case 82	5	139,931,617	139,931,652	0	0	0	0
Case 82	5	139,931,653	180,693,127	1	1	2	0
Case 82	6	108,666	32,592,737	1	1	2	0
Case 82	6	32,592,851	32,692,227	1	0	1	0
Case 82	6	32,692,493	58,752,089	1	1	2	0
Case 82	6	61,891,118	170,980,171	1	1	2	0
Case 82	7	44,935	11,306,897	1	1	2	0
Case 82	7	11,313,841	11,349,438	0	0	0	0
Case 82	7	11,351,104	58,019,061	1	1	2	0
Case 82	7	61,056,053	61,994,170	1	1	2	0
Case 82	7	62,035,570	62,458,262	1	0	1	0
Case 82	7	62,479,327	64,152,339	1	1	2	0
Case 82	7	64,166,802	64,451,649	1	0	1	0
Case 82	7	64,451,699	141,759,994	1	1	2	0
Case 82	7	141,761,438	141,782,731	0	0	0	0



Case 82	7	141,793,419	149,486,256	1	1	2	0
Case 82	7	149,486,333	149,519,760	1	0	1	0
Case 82	7	149,519,770	159,119,486	1	1	2	0
Case 82	8	164,984	195,254	1	1	2	0
Case 82	8	195,338	196,197	0	0	0	0
Case 82	8	196,274	2,132,561	1	1	2	0
Case 82	8	2,133,338	2,391,471	5	0	5	1
Case 82	8	2,394,776	15,410,250	1	1	2	0
Case 82	8	15,419,777	15,452,518	0	0	0	0
Case 82	8	15,461,996	43,791,691	1	1	2	0
Case 82	8	46,886,735	144,942,718	1	1	2	0
Case 82	8	144,942,796	145,005,743	1	0	1	0
Case 82	8	145,005,769	146,293,414	1	1	2	0
Case 82	9	46,587	26,867,333	1	1	2	0
Case 82	9	26,869,532	27,055,630	1	0	1	0
Case 82	9	27,055,671	46,944,322	1	1	2	0
Case 82	9	65,629,772	140,164,250	1	1	2	0
Case 82	9	140,165,510	140,268,976	1	0	1	0
Case 82	9	140,271,414	141,066,491	1	1	2	0
Case 82	10	98,087	39,097,912	1	1	2	0
Case 82	10	42,436,301	91,479,288	1	1	2	0
Case 82	10	91,479,399	91,532,536	1	0	1	0
Case 82	10	91,532,568	135,477,883	1	1	2	0
Case 82	11	193,146	551,204	1	1	2	0
Case 82	11	551,229	608,800	1	0	1	0
Case 82	11	608,812	50,468,978	1	1	2	0
Case 82	11	50,476,268	51,372,036	0	0	0	0
Case 82	11	51,379,204	51,591,253	1	1	2	0
Case 82	11	54,794,237	134,615,334	1	1	2	0
Case 82	11	134,617,321	134,626,887	5	0	5	1
Case 82	11	134,631,823	134,934,063	1	1	2	0
Case 82	12	191,619	34,853,011	1	1	2	0
Case 82	12	37,876,400	133,777,645	1	1	2	0
Case 82	12	133,778,796	133,810,935	1	0	1	0
Case 82	13	19,058,717	115,103,529	1	1	2	0
Case 82	14	19,280,733	20,249,316	1	1	2	0
Case 82	14	20,249,407	20,420,338	4	0	4	1
Case 82	14	20,425,051	107,287,663	1	1	2	0
Case 82	15	20,034,919	20,212,798	4	3	7	0
Case 82	15	20,612,840	33,905,410	1	1	2	0
Case 82	15	33,907,628	33,909,822	0	0	0	0
Case 82	15	33,911,733	34,667,075	1	1	2	0
Case 82	15	34,671,124	34,800,595	0	0	0	0
Case 82	15	34,871,296	102,461,162	1	1	2	0
Case 82	16	88,165	775,878	1	1	2	0
Case 82	16	776,037	830,639	1	0	1	0
Case 82	16	831,496	28,608,487	1	1	2	0
Case 82	16	28,615,243	28,620,752	5	2	7	0
Case 82	16	28,628,143	35,285,582	1	1	2	0
Case 82	16	46,450,037	90,274,695	1	1	2	0
Case 82	17	11,885	22,242,355	1	1	2	0
Case 82	17	25,268,142	81,060,040	1	1	2	0
Case 82	18	87,505	15,375,878	1	1	2	0
Case 82	18	18,520,354	78,015,180	1	1	2	0
Case 82	19	260,912	647,039	1	1	2	0
Case 82	19	647,251	881,651	1	0	1	0
Case 82	19	885,832	9,401,159	1	1	2	0
Case 82	19	9,404,914	9,453,311	1	0	1	0
Case 82	19	9,453,385	11,828,410	1	1	2	0
Case 82	19	11,832,283	12,581,063	1	0	1	0
Case 82	19	12,586,385	20,209,589	1	1	2	0

Case 82	19	20,211,540	21,752,009	1	0	1	0
Case 82	19	21,771,069	23,804,041	1	1	2	0
Case 82	19	23,814,365	24,629,285	1	0	1	0
Case 82	19	27,732,159	28,036,744	1	0	1	0
Case 82	19	28,054,130	38,028,484	1	1	2	0
Case 82	19	38,030,003	38,240,098	1	0	1	0
Case 82	19	38,241,015	40,502,919	1	1	2	0
Case 82	19	40,502,943	40,719,959	1	0	1	0
Case 82	19	40,720,381	44,348,824	1	1	2	0
Case 82	19	44,348,919	44,377,614	1	0	1	0
Case 82	19	44,377,669	52,887,131	1	1	2	0
Case 82	19	52,887,282	53,454,762	1	0	1	0
Case 82	19	53,454,789	59,097,160	1	1	2	0
Case 82	20	63,244	26,293,985	1	1	2	0
Case 82	20	29,425,357	60,881,736	1	1	2	0
Case 82	20	60,881,780	60,899,224	1	0	1	0
Case 82	20	60,899,513	62,187,230	1	1	2	0
Case 82	20	62,187,395	62,203,708	1	0	1	0
Case 82	20	62,207,862	62,948,788	1	1	2	0
Case 82	21	10,827,533	10,971,337	1	1	2	0
Case 82	21	14,368,320	25,037,172	1	1	2	0
Case 82	21	25,041,047	25,211,674	1	0	1	0
Case 82	21	25,212,382	48,100,155	1	1	2	0
Case 82	22	16,114,244	51,195,728	1	1	2	0
Case 83	1	82,154	978,628	1	0	1	0
Case 83	1	978,645	1,164,015	1	1	2	0
Case 83	1	1,164,018	2,459,166	1	0	1	0
Case 83	1	2,461,316	6,572,175	1	1	2	0
Case 83	1	6,577,765	6,601,932	0	0	0	0
Case 83	1	6,605,226	9,942,118	1	1	2	0
Case 83	1	9,970,779	10,521,629	1	0	1	0
Case 83	1	10,521,644	35,447,598	1	1	2	0
Case 83	1	35,451,539	35,905,941	1	0	1	0
Case 83	1	35,907,899	79,387,350	1	1	2	0
Case 83	1	79,387,410	80,735,096	1	0	1	0
Case 83	1	80,737,948	92,442,802	1	1	2	0
Case 83	1	92,442,902	93,787,867	1	0	1	0
Case 83	1	93,795,932	104,017,778	1	1	2	0
Case 83	1	104,019,631	106,568,613	1	0	1	0
Case 83	1	106,568,904	118,799,439	1	1	2	0
Case 83	1	118,815,799	119,217,675	1	0	1	0
Case 83	1	119,224,268	121,346,616	1	1	2	0
Case 83	1	142,649,718	169,738,202	1	1	2	0
Case 83	1	169,739,650	169,816,943	1	0	1	0
Case 83	1	169,818,763	196,801,025	1	1	2	0
Case 83	1	196,823,300	196,901,753	7	0	7	1
Case 83	1	196,918,605	200,450,197	1	1	2	0
Case 83	1	200,450,475	200,827,806	1	0	1	0
Case 83	1	200,829,992	249,218,992	1	1	2	0
Case 83	2	18,674	487,043	1	1	2	0
Case 83	2	499,823	41,701,800	2	0	2	1
Case 83	2	41,704,150	42,281,338	2	1	3	0
Case 83	2	42,281,413	76,947,356	2	0	2	1
Case 83	2	76,947,750	81,107,544	2	2	4	0
Case 83	2	81,115,259	81,125,236	2	1	3	0
Case 83	2	81,126,233	82,522,552	1	1	2	0
Case 83	2	82,524,725	92,081,640	2	1	3	0
Case 83	2	95,429,424	99,227,330	2	1	3	0
Case 83	2	99,232,312	100,683,550	1	1	2	0
Case 83	2	100,686,486	101,052,766	2	1	3	0
Case 83	2	101,059,210	102,880,823	2	0	2	1

Case 83	2	102,883,975	107,816,413	1	1	2	0
Case 83	2	107,820,073	109,578,855	1	0	1	0
Case 83	2	109,579,738	110,320,075	1	1	2	0
Case 83	2	110,323,375	111,449,141	1	0	1	0
Case 83	2	111,451,816	114,096,780	1	1	2	0
Case 83	2	114,099,346	114,609,888	1	0	1	0
Case 83	2	114,612,068	116,332,653	1	1	2	0
Case 83	2	116,336,847	118,582,279	1	0	1	0
Case 83	2	118,582,650	120,489,760	1	1	2	0
Case 83	2	120,490,776	120,903,590	0	0	0	0
Case 83	2	120,903,814	123,566,021	1	1	2	0
Case 83	2	123,574,925	124,621,037	1	0	1	0
Case 83	2	124,631,703	125,614,376	1	1	2	0
Case 83	2	125,622,970	127,423,066	1	0	1	0
Case 83	2	127,424,849	128,350,808	1	1	2	0
Case 83	2	128,351,149	129,015,968	1	0	1	0
Case 83	2	129,016,127	139,591,769	1	1	2	0
Case 83	2	139,593,079	144,177,579	1	0	1	0
Case 83	2	144,178,400	148,542,963	1	1	2	0
Case 83	2	148,543,509	149,206,943	1	0	1	0
Case 83	2	149,208,646	150,425,265	1	1	2	0
Case 83	2	150,425,584	152,363,502	1	0	1	0
Case 83	2	152,364,552	153,834,578	1	1	2	0
Case 83	2	153,843,128	155,255,152	1	0	1	0
Case 83	2	155,267,552	174,267,348	2	0	2	1
Case 83	2	174,271,805	174,697,302	2	1	3	0
Case 83	2	174,698,705	178,096,062	1	1	2	0
Case 83	2	178,096,406	226,178,411	2	0	2	1
Case 83	2	226,183,385	226,423,124	1	1	2	0
Case 83	2	226,424,630	232,944,860	2	0	2	1
Case 83	2	232,950,374	234,338,179	1	1	2	0
Case 83	2	234,346,660	243,048,760	2	0	2	1
Case 83	3	61,495	49,050,499	1	1	2	0
Case 83	3	49,050,501	59,821,901	1	0	1	0
Case 83	3	59,828,149	60,860,868	1	1	2	0
Case 83	3	60,871,882	61,136,894	1	0	1	0
Case 83	3	61,139,748	90,442,925	1	1	2	0
Case 83	3	93,537,290	163,687,895	1	1	2	0
Case 83	3	163,693,304	164,785,246	1	0	1	0
Case 83	3	164,786,506	197,838,262	1	1	2	0
Case 83	4	71,566	438,080	1	0	1	0
Case 83	4	442,021	1,807,894	1	1	2	0
Case 83	4	1,808,391	2,307,121	1	0	1	0
Case 83	4	2,307,177	31,196,514	1	1	2	0
Case 83	4	31,200,828	32,240,417	1	0	1	0
Case 83	4	32,244,696	34,510,322	1	1	2	0
Case 83	4	34,516,037	35,726,689	1	0	1	0
Case 83	4	35,727,026	39,116,798	1	1	2	0
Case 83	4	39,116,911	40,158,464	1	0	1	0
Case 83	4	40,162,971	49,620,898	1	1	2	0
Case 83	4	52,697,856	63,263,936	1	1	2	0
Case 83	4	63,281,335	65,170,415	1	0	1	0
Case 83	4	65,170,892	67,140,834	1	1	2	0
Case 83	4	67,147,791	68,378,287	1	0	1	0
Case 83	4	68,379,299	104,004,362	1	1	2	0
Case 83	4	104,006,315	104,257,925	1	0	1	0
Case 83	4	104,258,396	113,435,847	1	1	2	0
Case 83	4	113,436,546	113,953,581	1	0	1	0
Case 83	4	113,954,301	134,800,222	1	1	2	0
Case 83	4	134,815,036	137,693,116	1	0	1	0
Case 83	4	137,694,429	169,008,885	1	1	2	0

Case 83	4	169,011,633	169,343,061	1	0	1	0
Case 83	4	169,343,522	190,963,766	1	1	2	0
Case 83	5	38,139	32,101,400	1	1	2	0
Case 83	5	32,107,381	32,159,517	4	3	7	0
Case 83	5	32,169,547	45,905,997	1	1	2	0
Case 83	5	45,925,213	46,399,093	1	0	1	0
Case 83	5	49,457,282	50,289,496	1	0	1	0
Case 83	5	50,292,595	54,527,466	2	0	2	1
Case 83	5	54,527,571	57,911,848	1	0	1	0
Case 83	5	57,913,379	61,428,137	2	0	2	1
Case 83	5	61,428,613	61,856,986	1	0	1	0
Case 83	5	61,857,063	64,496,326	2	0	2	1
Case 83	5	64,497,632	65,350,043	1	0	1	0
Case 83	5	65,350,250	66,095,512	2	0	2	1
Case 83	5	66,099,356	66,833,997	1	0	1	0
Case 83	5	66,834,409	68,342,235	2	0	2	1
Case 83	5	68,345,648	70,862,874	1	0	1	0
Case 83	5	70,873,013	72,023,208	2	0	2	1
Case 83	5	72,032,166	72,408,246	1	0	1	0
Case 83	5	72,408,589	72,868,322	2	0	2	1
Case 83	5	72,868,397	73,207,355	1	0	1	0
Case 83	5	73,207,372	75,591,710	2	0	2	1
Case 83	5	75,594,360	76,029,192	1	0	1	0
Case 83	5	76,029,200	79,704,614	2	0	2	1
Case 83	5	79,721,720	80,199,400	1	0	1	0
Case 83	5	80,200,144	81,896,198	2	0	2	1
Case 83	5	81,896,956	82,189,112	1	0	1	0
Case 83	5	82,189,299	82,871,546	2	0	2	1
Case 83	5	82,875,800	83,890,606	1	0	1	0
Case 83	5	83,897,084	84,664,400	2	0	2	1
Case 83	5	84,666,906	87,315,252	1	0	1	0
Case 83	5	87,318,551	89,771,964	2	0	2	1
Case 83	5	89,777,895	90,103,554	1	0	1	0
Case 83	5	90,106,190	90,609,868	2	0	2	1
Case 83	5	90,620,309	91,831,697	1	0	1	0
Case 83	5	91,840,153	92,980,916	2	0	2	1
Case 83	5	92,987,801	94,168,290	1	0	1	0
Case 83	5	94,174,183	96,232,099	2	0	2	1
Case 83	5	96,232,502	105,635,825	1	0	1	0
Case 83	5	105,642,031	107,364,363	2	0	2	1
Case 83	5	107,374,684	107,921,232	1	0	1	0
Case 83	5	107,923,624	108,664,929	2	0	2	1
Case 83	5	108,670,421	109,230,397	1	0	1	0
Case 83	5	109,237,529	112,848,767	2	0	2	1
Case 83	5	112,849,608	115,377,150	1	0	1	0
Case 83	5	115,378,103	116,750,291	2	0	2	1
Case 83	5	116,751,170	118,943,108	1	0	1	0
Case 83	5	118,947,467	120,690,354	2	0	2	1
Case 83	5	120,692,891	121,428,330	1	0	1	0
Case 83	5	121,428,395	127,448,588	2	0	2	1
Case 83	5	127,450,346	128,395,295	1	0	1	0
Case 83	5	128,397,565	130,767,038	2	0	2	1
Case 83	5	130,769,229	131,319,036	1	0	1	0
Case 83	5	131,322,494	136,997,619	2	0	2	1
Case 83	5	136,998,182	137,754,658	1	0	1	0
Case 83	5	137,754,711	139,747,468	2	0	2	1
Case 83	5	139,747,914	139,931,656	1	0	1	0
Case 83	5	139,931,658	142,612,938	2	0	2	1
Case 83	5	142,623,288	142,779,720	1	0	1	0
Case 83	5	142,780,139	161,464,255	2	0	2	1
Case 83	5	161,466,651	162,245,076	1	0	1	0

Case 83	5	162,245,529	165,228,923	2	0	2	1
Case 83	5	165,229,136	166,428,641	1	0	1	0
Case 83	5	166,430,508	168,811,335	2	0	2	1
Case 83	5	168,816,501	169,028,383	1	0	1	0
Case 83	5	169,028,397	178,270,810	2	0	2	1
Case 83	5	178,274,144	178,507,270	1	0	1	0
Case 83	5	178,510,048	180,693,127	2	0	2	1
Case 83	6	108,666	1,359,690	1	1	2	0
Case 83	6	1,361,844	1,660,002	2	1	3	0
Case 83	6	1,661,058	31,074,101	1	1	2	0
Case 83	6	31,075,115	31,105,891	2	1	3	0
Case 83	6	31,105,900	32,418,031	1	1	2	0
Case 83	6	32,418,848	32,637,994	2	0	2	1
Case 83	6	32,640,336	37,569,632	1	1	2	0
Case 83	6	37,569,693	37,758,876	2	1	3	0
Case 83	6	37,759,821	51,705,624	1	1	2	0
Case 83	6	51,710,649	52,399,307	2	1	3	0
Case 83	6	52,400,889	58,752,089	1	1	2	0
Case 83	6	61,891,118	162,371,705	1	1	2	0
Case 83	6	162,375,909	162,633,618	2	0	2	1
Case 83	6	162,634,337	170,980,171	1	1	2	0
Case 83	7	44,935	47,481,602	1	1	2	0
Case 83	7	47,481,628	47,564,745	2	0	2	1
Case 83	7	47,564,942	58,019,061	1	1	2	0
Case 83	7	61,056,053	61,056,053	1	1	2	0
Case 83	7	61,074,194	62,043,624	1	0	1	0
Case 83	7	62,047,108	62,458,262	0	0	0	0
Case 83	7	62,479,327	62,729,224	1	0	1	0
Case 83	7	62,777,355	94,768,272	1	1	2	0
Case 83	7	94,769,231	95,231,456	2	1	3	0
Case 83	7	95,236,687	128,451,004	1	1	2	0
Case 83	7	128,452,816	128,586,616	2	1	3	0
Case 83	7	128,587,524	142,525,934	1	1	2	0
Case 83	7	142,531,590	143,095,979	2	1	3	0
Case 83	7	143,096,020	159,119,486	1	1	2	0
Case 83	8	164,984	231,287	1	1	2	0
Case 83	8	234,742	43,791,691	3	1	4	0
Case 83	8	46,886,735	143,257,317	3	1	4	0
Case 83	8	143,258,503	146,293,414	2	1	3	0
Case 83	9	46,587	46,944,322	1	1	2	0
Case 83	9	65,629,772	89,670,188	1	1	2	0
Case 83	9	89,673,000	89,954,522	2	1	3	0
Case 83	9	89,955,458	100,981,757	1	1	2	0
Case 83	9	100,983,215	101,866,291	2	0	2	1
Case 83	9	101,875,789	103,665,363	1	0	1	0
Case 83	9	103,675,913	104,630,136	2	0	2	1
Case 83	9	104,637,950	106,126,869	1	0	1	0
Case 83	9	106,137,424	107,690,057	2	0	2	1
Case 83	9	107,690,450	108,179,115	1	0	1	0
Case 83	9	108,191,511	141,066,491	1	1	2	0
Case 83	10	98,087	39,097,912	1	1	2	0
Case 83	10	42,436,301	56,545,395	1	1	2	0
Case 83	10	56,547,552	57,669,027	1	0	1	0
Case 83	10	57,671,424	91,404,388	1	1	2	0
Case 83	10	91,404,443	91,528,504	1	0	1	0
Case 83	10	91,529,457	94,613,240	1	1	2	0
Case 83	10	94,618,241	94,819,053	1	0	1	0
Case 83	10	94,819,606	96,540,889	1	1	2	0
Case 83	10	96,541,615	96,824,975	1	0	1	0
Case 83	10	96,825,091	135,477,883	1	1	2	0
Case 83	11	193,146	549,119	1	1	2	0

Case 83	11	549,946	608,890	1	0	1	0
Case 83	11	608,929	1,062,867	1	1	2	0
Case 83	11	1,062,990	1,659,308	1	0	1	0
Case 83	11	1,659,810	23,564,329	1	1	2	0
Case 83	11	23,564,493	23,888,384	1	0	1	0
Case 83	11	23,890,569	37,968,683	1	1	2	0
Case 83	11	37,975,643	39,327,563	1	0	1	0
Case 83	11	39,327,959	41,294,454	1	1	2	0
Case 83	11	41,299,498	41,781,613	1	0	1	0
Case 83	11	41,786,402	50,381,750	1	1	2	0
Case 83	11	50,417,549	51,372,036	0	0	0	0
Case 83	11	51,379,204	51,591,253	1	1	2	0
Case 83	11	54,794,237	98,463,122	1	1	2	0
Case 83	11	98,463,371	99,321,743	1	0	1	0
Case 83	11	99,322,049	102,980,324	1	1	2	0
Case 83	11	102,981,300	103,349,922	1	0	1	0
Case 83	11	103,349,966	108,032,167	1	1	2	0
Case 83	11	108,032,233	108,198,384	1	0	1	0
Case 83	11	108,198,391	134,934,063	1	1	2	0
Case 83	12	191,619	341,392	3	1	4	0
Case 83	12	344,274	3,047,450	2	1	3	0
Case 83	12	3,047,466	3,049,698	1	1	2	0
Case 83	12	3,049,797	5,785,484	3	1	4	0
Case 83	12	5,787,341	7,586,017	2	1	3	0
Case 83	12	7,586,047	7,586,595	1	1	2	0
Case 83	12	7,587,534	24,838,934	3	1	4	0
Case 83	12	24,843,578	34,853,011	1	1	2	0
Case 83	12	37,876,400	75,900,262	1	1	2	0
Case 83	12	75,900,382	75,902,185	7	0	7	1
Case 83	12	75,910,307	133,810,935	1	1	2	0
Case 83	13	19,058,717	22,368,915	1	1	2	0
Case 83	13	22,369,044	108,843,511	3	0	3	1
Case 83	13	108,845,002	109,811,511	1	1	2	0
Case 83	13	109,813,327	110,720,314	7	0	7	1
Case 83	13	110,723,649	115,103,529	1	1	2	0
Case 83	14	19,280,733	19,401,281	1	1	2	0
Case 83	14	19,464,123	20,420,338	0	0	0	0
Case 83	14	20,425,051	22,354,769	1	1	2	0
Case 83	14	22,355,369	22,694,926	1	0	1	0
Case 83	14	22,697,674	23,019,932	2	0	2	1
Case 83	14	23,020,638	35,137,417	1	1	2	0
Case 83	14	35,139,380	35,704,667	1	0	1	0
Case 83	14	35,707,939	45,431,637	1	1	2	0
Case 83	14	45,431,698	45,716,411	1	0	1	0
Case 83	14	45,719,643	58,669,403	1	1	2	0
Case 83	14	58,669,409	59,006,831	1	0	1	0
Case 83	14	59,013,971	92,403,294	1	1	2	0
Case 83	14	92,403,660	92,638,468	1	0	1	0
Case 83	14	92,647,042	94,594,139	2	0	2	1
Case 83	14	94,594,327	94,770,808	1	0	1	0
Case 83	14	94,770,990	96,730,074	2	0	2	1
Case 83	14	96,730,141	96,883,969	1	0	1	0
Case 83	14	96,885,459	102,698,996	2	0	2	1
Case 83	14	102,698,999	104,646,027	1	0	1	0
Case 83	14	104,646,102	105,236,727	2	0	2	1
Case 83	14	105,236,732	107,287,663	1	0	1	0
Case 83	15	20,034,919	40,866,353	1	1	2	0
Case 83	15	40,866,357	41,011,016	1	0	1	0
Case 83	15	41,026,994	50,731,390	1	1	2	0
Case 83	15	50,741,068	51,132,170	1	0	1	0
Case 83	15	51,155,225	102,461,162	1	1	2	0

Case 83	16	88,165	7,299,366	1	1	2	0
Case 83	16	7,302,321	7,759,999	2	1	3	0
Case 83	16	7,760,884	20,380,906	1	1	2	0
Case 83	16	20,380,937	21,094,849	2	1	3	0
Case 83	16	21,095,370	35,285,582	1	1	2	0
Case 83	16	46,450,037	51,322,720	1	1	2	0
Case 83	16	51,323,671	51,790,815	2	1	3	0
Case 83	16	51,795,920	54,104,656	1	1	2	0
Case 83	16	54,108,123	62,052,582	2	0	2	1
Case 83	16	62,055,223	64,206,818	1	0	1	0
Case 83	16	64,207,981	67,028,008	2	0	2	1
Case 83	16	67,034,867	68,260,321	1	0	1	0
Case 83	16	68,261,434	71,149,676	2	0	2	1
Case 83	16	71,158,111	71,961,563	1	0	1	0
Case 83	16	71,961,906	73,833,764	2	0	2	1
Case 83	16	73,835,699	74,997,192	1	0	1	0
Case 83	16	74,999,712	78,902,681	2	0	2	1
Case 83	16	78,903,101	79,025,066	1	0	1	0
Case 83	16	79,026,011	88,475,508	2	0	2	1
Case 83	16	88,476,047	90,274,695	1	0	1	0
Case 83	17	11,885	1,487,771	1	1	2	0
Case 83	17	1,489,226	1,641,276	1	0	1	0
Case 83	17	1,641,806	10,295,497	1	1	2	0
Case 83	17	10,295,882	10,436,860	1	0	1	0
Case 83	17	10,436,864	19,652,676	1	1	2	0
Case 83	17	19,656,093	20,872,331	1	0	1	0
Case 83	17	20,878,744	22,242,355	1	1	2	0
Case 83	17	25,268,142	25,650,739	1	1	2	0
Case 83	17	25,659,288	28,165,974	2	1	3	0
Case 83	17	28,182,685	29,785,370	1	1	2	0
Case 83	17	29,796,197	45,043,508	2	1	3	0
Case 83	17	45,050,533	45,777,015	1	1	2	0
Case 83	17	45,777,972	57,079,022	2	1	3	0
Case 83	17	57,093,035	59,279,706	1	1	2	0
Case 83	17	59,282,508	59,668,021	2	1	3	0
Case 83	17	59,668,229	60,485,399	1	1	2	0
Case 83	17	60,485,723	73,494,391	2	1	3	0
Case 83	17	73,494,400	74,077,797	1	1	2	0
Case 83	17	74,077,830	77,912,761	2	1	3	0
Case 83	17	77,912,888	78,198,750	1	1	2	0
Case 83	17	78,199,666	78,965,434	2	1	3	0
Case 83	17	78,966,915	80,538,946	1	1	2	0
Case 83	17	80,541,944	80,545,133	4	3	7	0
Case 83	17	80,545,156	80,615,643	1	1	2	0
Case 83	17	80,615,788	81,060,040	2	1	3	0
Case 83	18	87,505	2,021,735	1	0	1	0
Case 83	18	2,027,294	2,424,195	1	1	2	0
Case 83	18	2,425,172	2,872,586	1	0	1	0
Case 83	18	2,873,083	15,375,878	1	1	2	0
Case 83	18	18,520,354	27,667,312	1	1	2	0
Case 83	18	27,676,662	28,935,694	2	0	2	1
Case 83	18	28,936,574	33,750,976	1	0	1	0
Case 83	18	33,751,012	43,438,605	2	0	2	1
Case 83	18	43,438,739	43,864,568	1	0	1	0
Case 83	18	43,866,158	50,768,168	2	0	2	1
Case 83	18	50,769,543	53,606,519	1	0	1	0
Case 83	18	53,613,203	55,252,613	2	0	2	1
Case 83	18	55,257,063	55,436,072	1	0	1	0
Case 83	18	55,440,607	57,594,864	2	0	2	1
Case 83	18	57,598,173	58,310,604	1	0	1	0
Case 83	18	58,312,626	59,583,446	2	0	2	1

Case 83	18	59,583,694	60,148,088	1	0	1	0
Case 83	18	60,148,485	61,024,122	2	0	2	1
Case 83	18	61,029,511	66,480,748	1	0	1	0
Case 83	18	66,481,273	68,477,007	2	0	2	1
Case 83	18	68,477,432	69,838,830	1	0	1	0
Case 83	18	69,840,376	74,449,883	2	0	2	1
Case 83	18	74,450,640	74,694,985	1	0	1	0
Case 83	18	74,695,777	75,982,660	2	0	2	1
Case 83	18	75,983,084	76,315,261	1	0	1	0
Case 83	18	76,317,644	76,715,856	2	0	2	1
Case 83	18	76,732,221	77,134,275	1	0	1	0
Case 83	18	77,138,035	78,015,180	2	0	2	1
Case 83	19	260,912	422,171	1	1	2	0
Case 83	19	422,199	1,756,939	1	0	1	0
Case 83	19	1,763,776	2,353,090	1	1	2	0
Case 83	19	2,353,114	2,994,946	1	0	1	0
Case 83	19	2,994,967	4,445,559	1	1	2	0
Case 83	19	4,445,581	4,550,812	1	0	1	0
Case 83	19	4,550,817	8,037,040	1	1	2	0
Case 83	19	8,038,656	8,188,812	1	0	1	0
Case 83	19	8,188,820	9,226,055	1	1	2	0
Case 83	19	9,226,075	10,050,184	1	0	1	0
Case 83	19	10,059,428	11,658,682	1	1	2	0
Case 83	19	11,660,167	12,722,332	1	0	1	0
Case 83	19	12,724,645	19,772,856	1	1	2	0
Case 83	19	19,776,814	24,629,285	1	0	1	0
Case 83	19	27,732,159	28,329,411	1	0	1	0
Case 83	19	28,332,369	36,674,347	1	1	2	0
Case 83	19	36,674,390	38,266,082	1	0	1	0
Case 83	19	38,270,163	40,501,915	1	1	2	0
Case 83	19	40,502,919	40,720,381	1	0	1	0
Case 83	19	40,720,883	41,341,589	1	1	2	0
Case 83	19	41,350,895	41,392,885	0	0	0	0
Case 83	19	41,393,760	44,342,977	1	1	2	0
Case 83	19	44,348,824	45,011,727	1	0	1	0
Case 83	19	45,013,262	52,430,739	1	1	2	0
Case 83	19	52,432,715	54,121,675	1	0	1	0
Case 83	19	54,123,328	54,803,022	1	1	2	0
Case 83	19	54,803,141	54,803,664	7	0	7	1
Case 83	19	54,804,167	56,903,491	1	1	2	0
Case 83	19	56,903,669	57,132,456	1	0	1	0
Case 83	19	57,132,677	57,867,889	1	1	2	0
Case 83	19	57,867,958	58,815,853	1	0	1	0
Case 83	19	58,819,113	59,097,160	1	1	2	0
Case 83	20	63,244	9,448,947	1	1	2	0
Case 83	20	9,450,367	9,631,499	2	1	3	0
Case 83	20	9,632,609	15,395,647	1	1	2	0
Case 83	20	15,397,928	16,003,225	3	1	4	0
Case 83	20	16,005,680	26,293,985	1	1	2	0
Case 83	20	29,425,357	31,644,520	1	1	2	0
Case 83	20	31,646,528	31,870,290	2	1	3	0
Case 83	20	31,873,994	62,948,788	1	1	2	0
Case 83	21	10,827,533	10,970,025	1	1	2	0
Case 83	21	10,971,325	10,971,337	1	0	1	0
Case 83	21	14,368,320	30,881,184	1	0	1	0
Case 83	21	30,883,135	33,642,837	1	1	2	0
Case 83	21	33,643,161	35,186,357	1	0	1	0
Case 83	21	35,186,743	40,496,479	1	1	2	0
Case 83	21	40,498,014	40,885,108	1	0	1	0
Case 83	21	40,887,185	43,954,850	1	1	2	0
Case 83	21	43,955,644	46,320,279	1	0	1	0



Case 83	21	46,320,285	46,895,394	1	1	2	0
Case 83	21	46,896,312	48,100,155	1	0	1	0
Case 83	22	16,114,244	25,658,525	1	1	2	0
Case 83	22	25,661,725	25,910,879	0	0	0	0
Case 83	22	25,914,593	51,195,728	1	1	2	0
Case 84	1	82,154	1,970,444	2	1	3	0
Case 84	1	1,981,118	2,263,888	2	2	4	0
Case 84	1	2,265,969	8,816,438	2	1	3	0
Case 84	1	8,831,283	8,949,480	2	2	4	0
Case 84	1	8,952,029	9,009,406	4	1	5	0
Case 84	1	9,009,414	12,164,451	2	1	3	0
Case 84	1	12,166,855	12,329,295	4	0	4	1
Case 84	1	12,333,084	12,343,030	3	1	4	0
Case 84	1	12,343,493	15,687,814	2	1	3	0
Case 84	1	15,689,182	16,129,320	2	2	4	0
Case 84	1	16,134,072	16,272,694	2	1	3	0
Case 84	1	16,273,507	16,654,994	2	2	4	0
Case 84	1	16,656,518	23,234,569	2	1	3	0
Case 84	1	23,238,023	23,435,669	4	1	5	0
Case 84	1	23,464,974	31,769,528	2	1	3	0
Case 84	1	31,770,944	31,909,124	4	1	5	0
Case 84	1	31,910,482	32,050,843	5	1	6	0
Case 84	1	32,051,421	59,286,691	2	1	3	0
Case 84	1	59,301,218	59,470,439	4	1	5	0
Case 84	1	59,470,494	60,099,282	2	1	3	0
Case 84	1	60,100,662	60,506,744	4	1	5	0
Case 84	1	60,506,761	121,346,616	2	1	3	0
Case 84	1	142,649,718	157,095,853	2	1	3	0
Case 84	1	157,101,245	157,197,805	4	1	5	0
Case 84	1	157,202,651	161,133,373	2	1	3	0
Case 84	1	161,134,498	162,600,914	2	2	4	0
Case 84	1	162,602,394	171,543,476	2	1	3	0
Case 84	1	171,543,863	171,684,506	4	1	5	0
Case 84	1	171,688,351	173,187,264	2	1	3	0
Case 84	1	173,189,389	175,355,368	2	0	2	1
Case 84	1	175,355,391	175,850,011	3	0	3	1
Case 84	1	175,852,209	177,723,089	2	0	2	1
Case 84	1	177,737,303	177,986,454	3	0	3	1
Case 84	1	177,989,198	178,429,171	2	0	2	1
Case 84	1	178,435,086	178,532,188	4	0	4	1
Case 84	1	178,532,223	180,067,988	2	0	2	1
Case 84	1	180,075,388	180,692,326	3	0	3	1
Case 84	1	180,692,815	182,026,013	2	0	2	1
Case 84	1	182,026,052	182,474,160	3	0	3	1
Case 84	1	182,474,704	182,556,036	2	0	2	1
Case 84	1	182,559,510	182,740,955	3	0	3	1
Case 84	1	182,744,205	183,835,838	2	0	2	1
Case 84	1	183,837,032	183,914,681	3	0	3	1
Case 84	1	183,918,161	197,913,157	2	0	2	1
Case 84	1	197,919,693	198,043,697	3	0	3	1
Case 84	1	198,044,170	201,070,740	2	0	2	1
Case 84	1	201,071,790	201,133,774	3	0	3	1
Case 84	1	201,133,955	201,981,129	2	0	2	1
Case 84	1	201,981,130	202,095,590	3	0	3	1
Case 84	1	202,096,815	202,947,596	2	0	2	1
Case 84	1	202,948,507	203,680,420	3	0	3	1
Case 84	1	203,680,492	204,069,838	2	0	2	1
Case 84	1	204,070,007	204,359,597	3	0	3	1
Case 84	1	204,365,749	204,989,163	2	0	2	1
Case 84	1	204,998,375	205,306,102	4	0	4	1
Case 84	1	205,306,592	205,461,563	3	1	4	0

Case 84	1	205,462,914	217,804,722	2	1	3	0
Case 84	1	217,804,724	245,600,808	2	2	4	0
Case 84	1	245,608,819	245,655,241	2	0	2	1
Case 84	1	245,663,519	246,229,245	2	2	4	0
Case 84	1	246,234,124	246,303,128	2	1	3	0
Case 84	1	246,308,279	247,419,951	2	2	4	0
Case 84	1	247,420,167	247,581,209	2	0	2	1
Case 84	1	247,582,305	247,619,310	3	0	3	1
Case 84	1	247,622,874	247,752,109	2	0	2	1
Case 84	1	247,752,161	247,799,606	3	0	3	1
Case 84	1	247,813,465	248,512,573	2	0	2	1
Case 84	1	248,512,652	249,089,971	3	0	3	1
Case 84	1	249,098,988	249,218,992	2	0	2	1
Case 84	2	18,674	9,797,196	2	0	2	1
Case 84	2	9,797,994	9,948,404	3	0	3	1
Case 84	2	9,949,464	11,385,834	2	0	2	1
Case 84	2	11,389,842	11,710,716	4	0	4	1
Case 84	2	11,715,542	11,794,196	3	0	3	1
Case 84	2	11,796,361	20,166,628	2	0	2	1
Case 84	2	20,173,255	20,452,868	4	0	4	1
Case 84	2	20,453,591	20,705,910	2	0	2	1
Case 84	2	20,706,742	20,870,361	3	0	3	1
Case 84	2	20,870,688	23,689,034	2	0	2	1
Case 84	2	23,692,679	23,956,799	3	0	3	1
Case 84	2	23,958,164	24,205,852	2	0	2	1
Case 84	2	24,222,712	24,256,071	4	0	4	1
Case 84	2	24,260,578	24,807,533	2	0	2	1
Case 84	2	24,810,255	26,748,504	2	2	4	0
Case 84	2	26,750,758	27,898,405	2	1	3	0
Case 84	2	27,900,784	28,394,293	2	2	4	0
Case 84	2	28,398,324	28,498,321	3	1	4	0
Case 84	2	28,510,347	28,674,572	4	2	6	0
Case 84	2	28,683,174	28,714,750	4	0	4	1
Case 84	2	28,716,955	38,268,718	2	2	4	0
Case 84	2	38,272,672	38,404,386	4	1	5	0
Case 84	2	38,405,869	38,405,869	2	1	3	0
Case 84	2	38,407,719	42,990,237	2	2	4	0
Case 84	2	42,990,344	43,082,205	2	1	3	0
Case 84	2	43,082,246	53,882,527	2	2	4	0
Case 84	2	53,886,799	54,260,132	2	1	3	0
Case 84	2	54,268,750	54,995,746	4	1	5	0
Case 84	2	55,001,405	55,001,405	2	1	3	0
Case 84	2	55,003,244	69,817,188	2	2	4	0
Case 84	2	69,824,151	69,851,974	2	1	3	0
Case 84	2	69,863,423	70,128,346	4	2	6	0
Case 84	2	70,141,146	70,152,957	4	0	4	1
Case 84	2	70,153,848	88,828,791	2	2	4	0
Case 84	2	88,828,847	92,081,640	2	1	3	0
Case 84	2	95,429,424	96,993,745	2	1	3	0
Case 84	2	96,993,757	97,267,898	2	2	4	0
Case 84	2	97,268,597	120,343,832	2	1	3	0
Case 84	2	120,345,917	120,496,519	2	2	4	0
Case 84	2	120,498,760	121,052,324	2	1	3	0
Case 84	2	121,058,412	122,055,684	2	2	4	0
Case 84	2	122,063,844	134,899,485	2	1	3	0
Case 84	2	134,901,659	135,012,114	2	0	2	1
Case 84	2	135,017,074	141,975,850	2	1	3	0
Case 84	2	141,976,620	144,155,919	2	2	4	0
Case 84	2	144,157,738	206,630,213	2	1	3	0
Case 84	2	206,630,887	206,736,522	2	2	4	0
Case 84	2	206,738,529	206,892,937	4	1	5	0

Case 84	2	206,893,042	239,172,863	2	1	3	0
Case 84	2	239,176,386	239,318,389	2	2	4	0
Case 84	2	239,322,485	243,048,760	2	1	3	0
Case 84	3	61,495	9,985,656	3	0	3	1
Case 84	3	9,985,673	9,986,249	2	0	2	1
Case 84	3	9,988,044	10,335,786	4	0	4	1
Case 84	3	10,341,082	44,704,083	3	0	3	1
Case 84	3	44,712,097	44,852,434	2	0	2	1
Case 84	3	44,852,497	48,759,562	3	0	3	1
Case 84	3	48,787,219	49,136,359	1	0	1	0
Case 84	3	49,136,421	49,200,259	2	0	2	1
Case 84	3	49,200,573	50,478,487	1	0	1	0
Case 84	3	50,480,863	50,720,909	2	0	2	1
Case 84	3	50,772,664	51,772,347	1	0	1	0
Case 84	3	51,802,912	52,384,054	4	0	4	1
Case 84	3	52,384,594	52,556,651	3	2	5	0
Case 84	3	52,557,059	54,486,790	4	0	4	1
Case 84	3	54,501,086	60,364,830	3	0	3	1
Case 84	3	60,370,362	60,550,891	0	0	0	0
Case 84	3	60,554,521	60,600,915	3	0	3	1
Case 84	3	60,602,816	60,630,360	0	0	0	0
Case 84	3	60,631,936	61,287,140	3	0	3	1
Case 84	3	61,289,533	64,344,544	2	0	2	1
Case 84	3	64,348,954	64,710,021	3	0	3	1
Case 84	3	64,710,253	65,523,923	2	0	2	1
Case 84	3	65,530,706	65,846,859	3	0	3	1
Case 84	3	65,847,080	90,439,303	2	0	2	1
Case 84	3	90,442,925	90,442,925	3	0	3	1
Case 84	3	93,537,290	94,596,072	3	0	3	1
Case 84	3	94,601,094	97,059,115	2	0	2	1
Case 84	3	97,062,536	97,960,399	2	1	3	0
Case 84	3	97,961,301	98,217,042	2	0	2	1
Case 84	3	98,217,050	100,991,546	2	1	3	0
Case 84	3	100,994,497	101,177,848	2	0	2	1
Case 84	3	101,211,487	101,630,232	3	0	3	1
Case 84	3	101,632,783	101,723,923	2	2	4	0
Case 84	3	101,724,478	101,968,917	4	1	5	0
Case 84	3	101,988,001	102,457,118	3	1	4	0
Case 84	3	102,467,051	111,901,099	3	0	3	1
Case 84	3	111,918,215	111,923,210	0	0	0	0
Case 84	3	111,927,115	127,387,987	3	0	3	1
Case 84	3	127,387,989	127,474,030	3	1	4	0
Case 84	3	127,474,541	127,642,806	4	2	6	0
Case 84	3	127,642,814	127,651,629	3	2	5	0
Case 84	3	127,655,873	127,983,506	2	1	3	0
Case 84	3	127,991,527	128,276,332	3	1	4	0
Case 84	3	128,278,803	128,527,929	4	0	4	1
Case 84	3	128,532,174	142,664,512	3	0	3	1
Case 84	3	142,666,745	142,994,194	3	1	4	0
Case 84	3	142,994,822	143,007,402	4	0	4	1
Case 84	3	143,009,413	160,601,327	3	0	3	1
Case 84	3	160,616,852	161,616,585	3	1	4	0
Case 84	3	161,620,429	161,625,084	4	0	4	1
Case 84	3	161,633,104	168,093,655	3	0	3	1
Case 84	3	168,125,439	169,693,451	3	1	4	0
Case 84	3	169,697,376	170,075,246	4	0	4	1
Case 84	3	170,077,713	197,838,262	3	0	3	1
Case 84	4	71,566	150,683	2	0	2	1
Case 84	4	154,839	438,080	1	0	1	0
Case 84	4	442,021	494,194	2	0	2	1
Case 84	4	497,138	2,692,479	2	1	3	0

Case 84	4	2,692,509	25,863,375	2	0	2	1
Case 84	4	25,867,118	26,143,620	3	0	3	1
Case 84	4	26,147,138	26,457,168	2	0	2	1
Case 84	4	26,457,487	26,551,172	3	0	3	1
Case 84	4	26,570,153	39,436,019	2	0	2	1
Case 84	4	39,438,149	39,586,775	4	0	4	1
Case 84	4	39,600,010	40,287,396	2	0	2	1
Case 84	4	40,291,232	40,401,610	3	0	3	1
Case 84	4	40,410,479	41,076,288	2	0	2	1
Case 84	4	41,076,426	43,254,889	1	0	1	0
Case 84	4	43,279,788	49,620,898	2	0	2	1
Case 84	4	52,697,856	77,159,700	2	0	2	1
Case 84	4	77,167,242	77,555,857	4	0	4	1
Case 84	4	77,560,811	115,499,674	2	0	2	1
Case 84	4	115,506,203	116,013,647	4	0	4	1
Case 84	4	116,028,808	119,785,381	2	0	2	1
Case 84	4	119,789,448	119,867,342	2	2	4	0
Case 84	4	119,873,248	142,484,038	2	0	2	1
Case 84	4	142,487,363	144,574,139	2	2	4	0
Case 84	4	144,575,873	148,280,874	2	0	2	1
Case 84	4	148,288,067	149,654,577	2	2	4	0
Case 84	4	149,690,361	187,538,942	2	0	2	1
Case 84	4	187,539,125	187,542,899	3	0	3	1
Case 84	4	187,542,927	190,963,766	2	0	2	1
Case 84	5	38,139	3,451,906	4	1	5	0
Case 84	5	3,452,743	5,145,406	5	1	6	0
Case 84	5	5,146,335	6,825,016	4	1	5	0
Case 84	5	6,826,269	14,514,308	5	1	6	0
Case 84	5	14,517,076	14,707,600	6	1	7	0
Case 84	5	14,711,332	14,711,332	3	1	4	0
Case 84	5	14,713,681	15,278,843	4	1	5	0
Case 84	5	15,298,906	16,608,454	5	1	6	0
Case 84	5	16,608,493	16,608,493	1	1	2	0
Case 84	5	16,610,057	16,793,089	4	1	5	0
Case 84	5	16,793,151	27,719,260	5	1	6	0
Case 84	5	27,720,584	29,631,637	6	1	7	0
Case 84	5	29,634,027	29,634,027	3	1	4	0
Case 84	5	29,635,164	29,640,815	4	1	5	0
Case 84	5	29,654,854	46,399,093	5	1	6	0
Case 84	5	49,457,282	58,666,122	1	1	2	0
Case 84	5	58,676,049	59,398,304	1	0	1	0
Case 84	5	59,420,684	59,697,303	2	0	2	1
Case 84	5	59,697,808	60,488,167	1	0	1	0
Case 84	5	60,511,401	61,552,812	2	0	2	1
Case 84	5	61,553,091	61,866,559	1	0	1	0
Case 84	5	61,867,920	62,237,088	2	0	2	1
Case 84	5	62,239,608	63,068,130	1	0	1	0
Case 84	5	63,069,566	63,978,255	2	0	2	1
Case 84	5	63,982,806	64,328,615	1	0	1	0
Case 84	5	64,340,029	64,468,684	2	0	2	1
Case 84	5	64,483,759	65,081,722	1	0	1	0
Case 84	5	65,082,942	65,264,090	2	0	2	1
Case 84	5	65,267,045	65,349,671	1	0	1	0
Case 84	5	65,349,887	66,676,147	2	0	2	1
Case 84	5	66,680,616	66,872,361	1	0	1	0
Case 84	5	66,875,825	67,240,236	2	0	2	1
Case 84	5	67,241,677	67,450,499	1	0	1	0
Case 84	5	67,457,160	68,337,426	2	0	2	1
Case 84	5	68,342,235	68,709,884	1	0	1	0
Case 84	5	68,715,249	68,728,353	2	0	2	1
Case 84	5	68,740,653	70,858,268	1	0	1	0

Case 84	5	70,860,663	72,294,458	2	0	2	1
Case 84	5	72,295,577	72,387,486	1	0	1	0
Case 84	5	72,400,190	72,579,043	2	0	2	1
Case 84	5	72,579,933	72,742,882	2	1	3	0
Case 84	5	72,750,163	73,434,500	1	1	2	0
Case 84	5	73,435,250	74,434,718	2	1	3	0
Case 84	5	74,436,574	74,907,412	1	1	2	0
Case 84	5	74,925,162	77,280,135	2	1	3	0
Case 84	5	77,282,521	77,739,350	1	1	2	0
Case 84	5	77,759,362	104,371,350	2	1	3	0
Case 84	5	104,373,380	104,688,954	1	1	2	0
Case 84	5	104,690,464	106,230,898	2	1	3	0
Case 84	5	106,241,073	106,400,536	4	1	5	0
Case 84	5	106,415,368	108,766,142	2	1	3	0
Case 84	5	108,784,799	112,200,359	2	0	2	1
Case 84	5	112,204,896	132,971,131	2	1	3	0
Case 84	5	132,971,697	132,971,697	4	0	4	1
Case 84	5	132,975,474	133,120,623	3	1	4	0
Case 84	5	133,127,733	133,942,665	2	1	3	0
Case 84	5	133,943,185	134,223,664	1	1	2	0
Case 84	5	134,223,691	139,930,736	2	1	3	0
Case 84	5	139,931,384	139,931,384	1	1	2	0
Case 84	5	139,931,607	139,931,740	0	0	0	0
Case 84	5	139,936,760	139,940,288	2	0	2	1
Case 84	5	139,940,337	141,318,216	2	1	3	0
Case 84	5	141,324,623	141,336,965	1	1	2	0
Case 84	5	141,337,002	141,555,464	1	0	1	0
Case 84	5	141,555,515	142,264,406	2	0	2	1
Case 84	5	142,270,301	149,753,900	2	1	3	0
Case 84	5	149,754,216	149,937,739	2	2	4	0
Case 84	5	149,946,821	162,719,547	2	1	3	0
Case 84	5	162,722,554	162,989,613	1	1	2	0
Case 84	5	162,989,974	164,056,594	2	1	3	0
Case 84	5	164,071,553	165,063,884	1	1	2	0
Case 84	5	165,065,045	166,268,144	2	1	3	0
Case 84	5	166,268,258	166,471,331	1	1	2	0
Case 84	5	166,473,150	168,869,424	2	1	3	0
Case 84	5	168,870,650	169,028,316	1	1	2	0
Case 84	5	169,028,346	178,054,930	2	1	3	0
Case 84	5	178,062,743	178,405,729	1	1	2	0
Case 84	5	178,406,388	178,419,000	2	1	3	0
Case 84	5	178,421,770	178,516,483	1	1	2	0
Case 84	5	178,539,382	178,918,122	2	1	3	0
Case 84	5	178,921,861	179,163,986	1	1	2	0
Case 84	5	179,166,974	179,663,458	2	1	3	0
Case 84	5	179,665,354	179,745,858	1	1	2	0
Case 84	5	179,745,901	180,693,127	2	1	3	0
Case 84	6	108,666	25,701,484	2	1	3	0
Case 84	6	25,701,495	25,850,094	2	2	4	0
Case 84	6	25,850,845	31,608,595	2	1	3	0
Case 84	6	31,609,166	31,733,544	2	2	4	0
Case 84	6	31,733,650	32,752,049	2	1	3	0
Case 84	6	32,752,139	32,823,567	2	2	4	0
Case 84	6	32,823,948	32,831,247	2	1	3	0
Case 84	6	32,832,667	33,043,930	2	2	4	0
Case 84	6	33,044,257	47,251,827	2	1	3	0
Case 84	6	47,251,900	47,541,893	4	1	5	0
Case 84	6	47,541,940	58,752,089	2	1	3	0
Case 84	6	61,891,118	101,090,550	2	1	3	0
Case 84	6	101,091,434	101,109,175	2	0	2	1
Case 84	6	101,147,095	101,556,289	1	0	1	0

Case 84	6	101,569,185	101,583,773	2	0	2	1
Case 84	6	101,584,291	116,480,619	2	1	3	0
Case 84	6	116,486,792	116,700,809	2	2	4	0
Case 84	6	116,703,926	133,980,726	2	1	3	0
Case 84	6	133,988,652	134,132,516	2	2	4	0
Case 84	6	134,137,656	160,147,630	2	1	3	0
Case 84	6	160,159,034	169,393,301	1	1	2	0
Case 84	6	169,393,766	169,844,174	4	0	4	1
Case 84	6	169,853,296	170,717,604	1	1	2	0
Case 84	6	170,718,148	170,980,171	1	0	1	0
Case 84	7	44,935	1,051,776	2	0	2	1
Case 84	7	1,052,353	1,484,834	2	1	3	0
Case 84	7	1,484,885	1,614,261	4	1	5	0
Case 84	7	1,614,662	2,608,634	2	1	3	0
Case 84	7	2,609,309	2,696,150	2	0	2	1
Case 84	7	2,698,634	5,052,357	2	1	3	0
Case 84	7	5,070,502	5,107,872	2	0	2	1
Case 84	7	5,108,770	16,656,546	2	1	3	0
Case 84	7	16,662,008	17,112,981	4	1	5	0
Case 84	7	17,115,823	19,916,190	2	1	3	0
Case 84	7	19,938,943	20,018,112	4	1	5	0
Case 84	7	20,022,789	33,060,306	2	1	3	0
Case 84	7	33,061,694	33,671,662	4	0	4	1
Case 84	7	33,673,265	34,543,108	3	1	4	0
Case 84	7	34,547,662	37,494,968	4	0	4	1
Case 84	7	37,501,026	37,501,026	3	1	4	0
Case 84	7	37,501,378	37,505,367	4	0	4	1
Case 84	7	37,506,634	37,506,634	3	1	4	0
Case 84	7	37,509,747	37,509,747	4	0	4	1
Case 84	7	37,524,894	39,863,558	4	1	5	0
Case 84	7	39,874,986	40,259,553	3	1	4	0
Case 84	7	40,265,510	40,476,625	4	1	5	0
Case 84	7	40,485,949	41,615,988	3	1	4	0
Case 84	7	41,617,294	45,679,021	4	0	4	1
Case 84	7	45,680,258	46,386,613	3	1	4	0
Case 84	7	46,387,679	47,315,291	4	0	4	1
Case 84	7	47,316,586	48,443,116	3	1	4	0
Case 84	7	48,444,995	49,145,008	4	1	5	0
Case 84	7	49,145,538	50,542,927	3	1	4	0
Case 84	7	50,544,314	51,074,440	4	1	5	0
Case 84	7	51,077,711	51,096,974	3	1	4	0
Case 84	7	51,096,986	51,954,436	4	0	4	1
Case 84	7	51,954,824	51,991,339	3	1	4	0
Case 84	7	51,999,888	52,426,894	4	1	5	0
Case 84	7	52,427,003	53,303,291	3	1	4	0
Case 84	7	53,303,909	53,729,051	4	1	5	0
Case 84	7	53,743,564	54,207,048	3	1	4	0
Case 84	7	54,208,630	54,905,511	4	1	5	0
Case 84	7	54,926,166	55,374,827	3	1	4	0
Case 84	7	55,388,586	56,146,310	4	0	4	1
Case 84	7	56,147,272	58,019,061	3	1	4	0
Case 84	7	61,056,053	64,453,085	3	1	4	0
Case 84	7	64,453,116	66,029,429	4	1	5	0
Case 84	7	66,030,612	73,152,033	3	1	4	0
Case 84	7	73,155,017	73,425,238	4	1	5	0
Case 84	7	73,428,671	75,822,876	3	1	4	0
Case 84	7	75,841,589	76,131,684	4	1	5	0
Case 84	7	76,131,706	76,132,073	2	1	3	0
Case 84	7	76,134,203	76,710,152	6	1	7	0
Case 84	7	76,712,801	77,051,490	3	1	4	0
Case 84	7	77,055,836	82,580,333	4	1	5	0

Case 84	7	82,580,374	82,584,637	3	1	4	0
Case 84	7	82,585,002	88,956,699	4	1	5	0
Case 84	7	88,962,700	89,011,745	3	1	4	0
Case 84	7	89,016,595	96,503,974	4	1	5	0
Case 84	7	96,508,334	100,275,813	3	1	4	0
Case 84	7	100,276,821	100,423,365	4	1	5	0
Case 84	7	100,431,980	102,624,395	3	1	4	0
Case 84	7	102,625,043	104,411,976	4	1	5	0
Case 84	7	104,413,055	105,741,200	3	1	4	0
Case 84	7	105,755,794	107,342,392	4	1	5	0
Case 84	7	107,342,451	107,872,866	3	1	4	0
Case 84	7	107,872,877	110,780,471	4	1	5	0
Case 84	7	110,811,863	110,836,294	1	1	2	0
Case 84	7	110,840,236	110,949,566	1	0	1	0
Case 84	7	110,968,770	111,044,377	4	0	4	1
Case 84	7	111,053,822	111,069,946	1	1	2	0
Case 84	7	111,073,710	123,977,335	4	1	5	0
Case 84	7	123,983,095	124,300,762	3	1	4	0
Case 84	7	124,300,842	126,811,206	4	1	5	0
Case 84	7	126,827,871	127,737,045	3	1	4	0
Case 84	7	127,739,666	128,348,405	4	1	5	0
Case 84	7	128,353,840	132,532,731	3	1	4	0
Case 84	7	132,536,559	133,573,039	4	1	5	0
Case 84	7	133,580,445	135,439,915	3	1	4	0
Case 84	7	135,441,131	137,272,621	4	1	5	0
Case 84	7	137,283,212	140,563,901	3	1	4	0
Case 84	7	140,566,146	141,341,613	2	1	3	0
Case 84	7	141,348,813	141,774,290	4	1	5	0
Case 84	7	141,777,292	142,505,154	5	1	6	0
Case 84	7	142,508,376	143,709,935	4	1	5	0
Case 84	7	143,716,265	143,875,539	5	1	6	0
Case 84	7	143,951,888	146,305,323	2	1	3	0
Case 84	7	146,311,684	146,389,259	3	3	6	0
Case 84	7	146,392,116	146,677,310	2	1	3	0
Case 84	7	146,682,211	147,006,000	2	2	4	0
Case 84	7	147,008,093	151,491,136	2	1	3	0
Case 84	7	151,496,826	151,660,361	2	2	4	0
Case 84	7	151,662,184	155,946,592	2	1	3	0
Case 84	7	155,952,990	156,470,258	2	2	4	0
Case 84	7	156,471,867	159,119,486	2	1	3	0
Case 84	8	164,984	8,485,387	2	0	2	1
Case 84	8	8,487,486	9,154,537	3	0	3	1
Case 84	8	9,154,694	10,540,767	2	0	2	1
Case 84	8	10,540,931	10,583,616	3	0	3	1
Case 84	8	10,583,778	11,430,485	2	0	2	1
Case 84	8	11,433,909	11,615,928	3	0	3	1
Case 84	8	11,616,338	17,301,152	2	0	2	1
Case 84	8	17,302,931	17,564,973	3	0	3	1
Case 84	8	17,565,118	22,389,818	2	0	2	1
Case 84	8	22,390,450	22,650,358	3	0	3	1
Case 84	8	22,653,377	23,182,268	2	0	2	1
Case 84	8	23,183,869	23,237,547	3	0	3	1
Case 84	8	23,237,983	26,472,655	2	0	2	1
Case 84	8	26,473,403	26,628,028	3	0	3	1
Case 84	8	26,628,318	27,157,307	2	0	2	1
Case 84	8	27,159,459	27,337,507	3	0	3	1
Case 84	8	27,337,791	27,630,152	2	0	2	1
Case 84	8	27,633,972	27,645,704	1	0	1	0
Case 84	8	27,649,495	36,861,905	2	0	2	1
Case 84	8	36,865,149	37,396,693	3	0	3	1
Case 84	8	37,399,290	43,791,691	2	0	2	1

Case 84	8	46,886,735	48,511,747	6	1	7	0
Case 84	8	48,515,523	48,769,846	6	0	6	1
Case 84	8	48,770,702	48,771,430	7	0	7	1
Case 84	8	48,771,462	51,022,682	5	0	5	1
Case 84	8	51,029,371	51,733,342	6	0	6	1
Case 84	8	51,744,861	52,100,048	7	0	7	1
Case 84	8	52,101,444	52,493,581	5	0	5	1
Case 84	8	52,496,113	54,495,355	6	0	6	1
Case 84	8	54,496,270	54,496,270	7	0	7	1
Case 84	8	54,497,467	55,325,943	5	0	5	1
Case 84	8	55,326,450	56,686,224	6	0	6	1
Case 84	8	56,695,345	56,698,298	7	0	7	1
Case 84	8	56,698,365	57,435,745	5	0	5	1
Case 84	8	57,436,577	60,649,504	6	0	6	1
Case 84	8	60,656,194	60,709,953	7	0	7	1
Case 84	8	60,711,404	61,869,649	6	0	6	1
Case 84	8	61,871,269	70,550,982	7	0	7	1
Case 84	8	70,551,073	70,811,264	6	0	6	1
Case 84	8	70,812,050	72,158,135	7	0	7	1
Case 84	8	72,166,288	72,244,775	6	0	6	1
Case 84	8	72,245,087	73,819,023	7	0	7	1
Case 84	8	73,821,073	74,102,646	6	0	6	1
Case 84	8	74,102,874	77,217,405	7	0	7	1
Case 84	8	77,218,065	78,021,585	6	0	6	1
Case 84	8	78,026,317	79,004,739	7	0	7	1
Case 84	8	79,008,608	79,728,046	6	0	6	1
Case 84	8	79,733,775	80,831,329	7	0	7	1
Case 84	8	80,831,713	81,596,608	6	0	6	1
Case 84	8	81,597,317	85,674,522	7	0	7	1
Case 84	8	85,683,502	86,407,520	6	0	6	1
Case 84	8	86,413,219	87,519,242	7	0	7	1
Case 84	8	87,519,315	88,441,967	6	0	6	1
Case 84	8	88,447,135	89,176,613	7	0	7	1
Case 84	8	89,188,454	89,954,658	6	0	6	1
Case 84	8	89,968,423	90,863,793	7	0	7	1
Case 84	8	90,864,625	91,138,237	6	0	6	1
Case 84	8	91,142,473	91,555,603	7	0	7	1
Case 84	8	91,556,317	92,082,753	6	0	6	1
Case 84	8	92,084,087	92,588,984	7	0	7	1
Case 84	8	92,599,661	93,213,672	6	0	6	1
Case 84	8	93,213,730	97,307,326	7	0	7	1
Case 84	8	97,312,442	97,494,338	6	0	6	1
Case 84	8	97,494,356	98,964,771	7	0	7	1
Case 84	8	98,969,239	99,199,066	6	0	6	1
Case 84	8	99,201,718	99,360,067	7	0	7	1
Case 84	8	99,364,717	100,443,885	6	0	6	1
Case 84	8	100,454,797	103,597,492	7	0	7	1
Case 84	8	103,599,696	103,782,719	6	0	6	1
Case 84	8	103,786,939	104,410,928	7	0	7	1
Case 84	8	104,412,388	104,913,292	6	0	6	1
Case 84	8	104,914,885	105,351,943	7	0	7	1
Case 84	8	105,351,998	105,815,145	6	0	6	1
Case 84	8	105,817,209	106,798,675	7	0	7	1
Case 84	8	106,801,031	106,974,182	6	0	6	1
Case 84	8	106,974,969	107,763,828	7	0	7	1
Case 84	8	107,773,278	107,874,800	6	0	6	1
Case 84	8	107,880,864	108,943,013	7	0	7	1
Case 84	8	108,953,881	109,654,860	6	0	6	1
Case 84	8	109,660,089	117,639,532	7	0	7	1
Case 84	8	117,640,315	118,304,894	6	0	6	1
Case 84	8	118,305,746	118,472,329	7	0	7	1



Case 84	8	118,476,814	119,273,537	6	0	6	1
Case 84	8	119,275,733	120,541,955	7	0	7	1
Case 84	8	120,544,948	121,327,673	6	0	6	1
Case 84	8	121,328,214	123,450,875	7	0	7	1
Case 84	8	123,451,096	124,142,502	6	0	6	1
Case 84	8	124,145,469	126,447,308	7	0	7	1
Case 84	8	126,448,393	126,984,970	6	0	6	1
Case 84	8	126,995,907	127,292,996	7	0	7	1
Case 84	8	127,293,085	127,681,578	6	0	6	1
Case 84	8	127,683,850	131,654,560	7	0	7	1
Case 84	8	131,654,755	132,230,063	6	0	6	1
Case 84	8	132,238,169	132,862,920	7	0	7	1
Case 84	8	132,869,766	134,264,054	5	0	5	1
Case 84	8	134,265,495	134,517,560	6	0	6	1
Case 84	8	134,518,133	137,720,395	5	0	5	1
Case 84	8	137,720,952	138,877,271	6	0	6	1
Case 84	8	138,881,439	138,902,764	7	0	7	1
Case 84	8	138,905,296	141,716,284	5	0	5	1
Case 84	8	141,733,009	143,757,037	6	0	6	1
Case 84	8	143,761,931	143,927,918	5	0	5	1
Case 84	8	143,928,233	144,664,594	6	0	6	1
Case 84	8	144,668,405	144,671,848	7	0	7	1
Case 84	8	144,671,905	144,943,196	5	0	5	1
Case 84	8	144,943,223	144,990,840	7	0	7	1
Case 84	8	144,990,878	146,293,414	5	0	5	1
Case 84	9	46,587	17,792,845	2	0	2	1
Case 84	9	17,793,435	18,074,369	3	0	3	1
Case 84	9	18,075,710	18,804,418	2	0	2	1
Case 84	9	18,805,813	18,927,818	3	0	3	1
Case 84	9	18,928,039	32,614,523	2	0	2	1
Case 84	9	32,618,055	32,707,775	3	0	3	1
Case 84	9	32,717,013	33,367,587	2	0	2	1
Case 84	9	33,369,924	33,465,928	3	0	3	1
Case 84	9	33,466,088	35,514,653	2	0	2	1
Case 84	9	35,518,997	35,766,561	4	0	4	1
Case 84	9	35,778,800	36,744,752	2	0	2	1
Case 84	9	36,745,892	37,081,301	3	0	3	1
Case 84	9	37,092,433	37,939,673	2	0	2	1
Case 84	9	37,942,152	38,140,772	3	0	3	1
Case 84	9	38,141,369	43,504,854	2	0	2	1
Case 84	9	43,581,253	46,944,322	3	0	3	1
Case 84	9	65,629,772	71,071,933	3	0	3	1
Case 84	9	71,082,682	71,131,098	2	0	2	1
Case 84	9	71,137,232	71,396,426	4	0	4	1
Case 84	9	71,397,734	73,150,918	2	0	2	1
Case 84	9	73,150,984	73,416,062	3	0	3	1
Case 84	9	73,416,273	75,139,296	2	0	2	1
Case 84	9	75,144,147	75,354,330	3	0	3	1
Case 84	9	75,355,093	80,041,641	2	0	2	1
Case 84	9	80,041,884	80,086,534	3	0	3	1
Case 84	9	80,087,031	85,752,837	2	0	2	1
Case 84	9	85,756,459	85,944,604	3	0	3	1
Case 84	9	85,944,803	90,143,575	2	0	2	1
Case 84	9	90,145,334	90,246,317	3	0	3	1
Case 84	9	90,250,053	94,414,784	2	0	2	1
Case 84	9	94,417,069	94,919,766	3	0	3	1
Case 84	9	94,920,495	96,320,239	2	0	2	1
Case 84	9	96,326,127	96,490,009	3	0	3	1
Case 84	9	96,493,773	97,409,437	2	0	2	1
Case 84	9	97,409,771	97,535,381	4	0	4	1
Case 84	9	97,535,396	99,521,119	2	0	2	1

Case 84	9	99,521,123	99,525,494	1	0	1	0
Case 84	9	99,525,805	107,569,337	2	0	2	1
Case 84	9	107,570,714	107,668,064	3	0	3	1
Case 84	9	107,668,825	109,644,865	2	0	2	1
Case 84	9	109,653,221	109,946,944	3	0	3	1
Case 84	9	109,949,144	109,950,798	2	0	2	1
Case 84	9	109,953,472	110,226,138	4	0	4	1
Case 84	9	110,229,609	110,615,884	2	0	2	1
Case 84	9	110,618,805	110,938,366	3	0	3	1
Case 84	9	110,939,597	111,180,537	2	0	2	1
Case 84	9	111,181,099	111,446,046	3	0	3	1
Case 84	9	111,453,191	111,617,294	2	0	2	1
Case 84	9	111,617,341	111,626,090	3	0	3	1
Case 84	9	111,628,667	112,874,767	2	0	2	1
Case 84	9	112,878,104	112,919,288	3	0	3	1
Case 84	9	112,920,099	114,301,585	2	0	2	1
Case 84	9	114,303,954	116,821,526	4	0	4	1
Case 84	9	116,823,377	116,890,596	2	0	2	1
Case 84	9	116,895,387	117,068,924	3	0	3	1
Case 84	9	117,069,995	126,111,351	2	0	2	1
Case 84	9	126,113,594	126,297,895	3	0	3	1
Case 84	9	126,304,553	131,565,554	2	0	2	1
Case 84	9	131,565,571	131,721,171	3	0	3	1
Case 84	9	131,730,791	136,253,292	2	0	2	1
Case 84	9	136,253,927	136,325,282	3	0	3	1
Case 84	9	136,328,659	141,066,491	2	0	2	1
Case 84	10	98,087	6,969,816	5	0	5	1
Case 84	10	6,972,855	6,975,550	1	1	2	0
Case 84	10	6,977,250	8,508,704	4	1	5	0
Case 84	10	8,509,339	10,628,935	5	1	6	0
Case 84	10	10,629,235	10,629,235	1	1	2	0
Case 84	10	10,637,210	19,009,698	5	0	5	1
Case 84	10	19,012,514	19,013,062	4	3	7	0
Case 84	10	19,013,396	19,435,382	6	1	7	0
Case 84	10	19,436,404	19,436,862	3	1	4	0
Case 84	10	19,437,915	19,437,915	4	1	5	0
Case 84	10	19,444,182	20,405,138	5	1	6	0
Case 84	10	20,405,650	20,405,650	1	1	2	0
Case 84	10	20,407,180	26,413,547	5	0	5	1
Case 84	10	26,414,615	29,621,419	4	3	7	0
Case 84	10	29,622,943	31,386,822	3	3	6	0
Case 84	10	31,387,110	31,461,599	4	1	5	0
Case 84	10	31,465,307	32,699,876	5	1	6	0
Case 84	10	32,700,343	33,368,504	6	1	7	0
Case 84	10	33,368,644	33,368,644	3	1	4	0
Case 84	10	33,372,725	33,373,629	4	1	5	0
Case 84	10	33,373,750	35,359,475	5	1	6	0
Case 84	10	35,362,977	37,665,513	6	1	7	0
Case 84	10	37,665,810	37,665,810	3	1	4	0
Case 84	10	37,671,202	37,703,778	4	1	5	0
Case 84	10	37,704,970	39,097,912	5	1	6	0
Case 84	10	42,436,301	42,444,619	1	1	2	0
Case 84	10	42,467,126	42,503,340	0	0	0	0
Case 84	10	42,509,794	46,518,615	2	0	2	1
Case 84	10	46,527,516	47,412,588	4	0	4	1
Case 84	10	47,543,322	48,371,220	2	0	2	1
Case 84	10	48,371,248	48,480,228	3	0	3	1
Case 84	10	48,480,248	50,771,419	2	0	2	1
Case 84	10	50,771,462	50,879,878	3	0	3	1
Case 84	10	50,887,500	52,262,468	2	0	2	1
Case 84	10	52,263,910	52,404,195	3	0	3	1

Case 84	10	52,414,456	60,588,644	2	0	2	1
Case 84	10	60,590,203	62,279,124	3	0	3	1
Case 84	10	62,281,234	62,564,556	2	0	2	1
Case 84	10	62,565,043	63,167,404	3	0	3	1
Case 84	10	63,168,488	63,493,724	2	0	2	1
Case 84	10	63,495,205	63,769,839	3	0	3	1
Case 84	10	63,772,869	64,260,847	2	0	2	1
Case 84	10	64,261,198	64,761,091	3	0	3	1
Case 84	10	64,762,369	71,313,908	2	0	2	1
Case 84	10	71,320,358	72,298,676	3	0	3	1
Case 84	10	72,298,713	73,380,179	2	0	2	1
Case 84	10	73,380,904	73,501,374	3	0	3	1
Case 84	10	73,501,556	75,138,691	2	0	2	1
Case 84	10	75,139,789	75,687,849	3	0	3	1
Case 84	10	75,692,923	76,481,311	2	0	2	1
Case 84	10	76,498,150	79,662,213	3	0	3	1
Case 84	10	79,694,278	79,925,262	2	0	2	1
Case 84	10	79,929,802	80,459,780	3	0	3	1
Case 84	10	80,462,465	80,810,343	2	0	2	1
Case 84	10	80,812,749	81,863,964	3	0	3	1
Case 84	10	81,872,073	83,515,878	2	0	2	1
Case 84	10	83,522,580	83,709,299	3	0	3	1
Case 84	10	83,709,652	85,672,695	2	0	2	1
Case 84	10	85,675,348	86,098,324	3	0	3	1
Case 84	10	86,122,255	86,281,044	2	0	2	1
Case 84	10	86,281,577	88,211,703	3	0	3	1
Case 84	10	88,213,414	88,364,717	2	0	2	1
Case 84	10	88,372,958	88,449,377	3	0	3	1
Case 84	10	88,450,058	88,813,947	2	0	2	1
Case 84	10	88,828,168	89,534,244	3	0	3	1
Case 84	10	89,566,989	89,647,154	0	0	0	0
Case 84	10	89,649,838	90,757,787	3	0	3	1
Case 84	10	90,759,724	91,636,235	2	0	2	1
Case 84	10	91,637,151	91,977,937	3	0	3	1
Case 84	10	91,980,454	92,345,067	2	0	2	1
Case 84	10	92,346,694	92,937,921	3	0	3	1
Case 84	10	92,938,019	93,250,996	2	0	2	1
Case 84	10	93,258,896	93,389,343	3	0	3	1
Case 84	10	93,389,826	93,778,652	2	0	2	1
Case 84	10	93,781,926	94,356,912	3	0	3	1
Case 84	10	94,363,993	95,030,453	2	0	2	1
Case 84	10	95,032,483	95,097,599	3	0	3	1
Case 84	10	95,098,144	95,309,488	2	0	2	1
Case 84	10	95,310,539	95,402,973	3	0	3	1
Case 84	10	95,405,754	95,556,992	2	0	2	1
Case 84	10	95,559,398	96,061,793	3	0	3	1
Case 84	10	96,064,281	96,825,153	2	0	2	1
Case 84	10	96,826,827	97,632,808	3	0	3	1
Case 84	10	97,633,021	97,968,148	2	0	2	1
Case 84	10	97,969,694	98,274,045	3	0	3	1
Case 84	10	98,279,053	98,380,277	2	0	2	1
Case 84	10	98,380,285	98,430,592	3	0	3	1
Case 84	10	98,433,420	98,908,733	2	0	2	1
Case 84	10	98,909,311	99,219,993	3	0	3	1
Case 84	10	99,220,454	99,429,307	2	0	2	1
Case 84	10	99,433,297	99,868,267	3	0	3	1
Case 84	10	99,872,003	100,022,548	2	0	2	1
Case 84	10	100,022,679	100,292,627	3	0	3	1
Case 84	10	100,293,700	101,209,006	2	0	2	1
Case 84	10	101,213,253	101,362,751	3	0	3	1
Case 84	10	101,365,313	101,591,737	2	0	2	1

Case 84	10	101,591,818	101,668,986	3	0	3	1
Case 84	10	101,682,176	102,056,016	2	0	2	1
Case 84	10	102,056,033	102,664,649	3	0	3	1
Case 84	10	102,668,856	102,879,620	2	0	2	1
Case 84	10	102,880,793	103,671,017	3	0	3	1
Case 84	10	103,672,335	104,348,241	2	0	2	1
Case 84	10	104,356,979	104,855,656	3	0	3	1
Case 84	10	104,857,218	105,220,753	2	0	2	1
Case 84	10	105,225,201	105,819,937	3	0	3	1
Case 84	10	105,819,956	106,026,843	2	0	2	1
Case 84	10	106,027,059	106,842,041	3	0	3	1
Case 84	10	106,845,381	107,452,683	2	0	2	1
Case 84	10	107,455,498	108,262,923	3	0	3	1
Case 84	10	108,267,721	108,725,864	2	0	2	1
Case 84	10	108,726,430	109,078,392	3	0	3	1
Case 84	10	109,081,424	111,264,591	2	0	2	1
Case 84	10	111,268,887	112,314,007	3	0	3	1
Case 84	10	112,314,670	112,423,491	2	0	2	1
Case 84	10	112,425,178	114,353,465	3	0	3	1
Case 84	10	114,358,555	114,554,779	2	0	2	1
Case 84	10	114,557,647	115,589,161	3	0	3	1
Case 84	10	115,590,412	115,679,508	2	0	2	1
Case 84	10	115,679,965	115,848,372	3	0	3	1
Case 84	10	115,850,176	115,993,813	2	0	2	1
Case 84	10	116,000,453	116,582,560	3	0	3	1
Case 84	10	116,588,737	117,707,733	2	0	2	1
Case 84	10	117,708,868	118,506,755	3	0	3	1
Case 84	10	118,507,976	118,893,231	2	0	2	1
Case 84	10	118,895,368	120,784,977	3	0	3	1
Case 84	10	120,792,703	121,054,142	2	0	2	1
Case 84	10	121,054,378	121,510,669	3	0	3	1
Case 84	10	121,513,063	121,692,606	2	0	2	1
Case 84	10	121,692,908	122,395,310	3	0	3	1
Case 84	10	122,396,106	122,537,487	2	0	2	1
Case 84	10	122,538,919	123,570,191	3	0	3	1
Case 84	10	123,576,479	123,747,807	2	0	2	1
Case 84	10	123,749,116	124,123,470	3	0	3	1
Case 84	10	124,124,306	124,132,188	2	0	2	1
Case 84	10	124,140,430	124,524,241	4	0	4	1
Case 84	10	124,528,930	124,966,517	2	0	2	1
Case 84	10	124,967,722	125,497,240	3	0	3	1
Case 84	10	125,498,896	126,138,473	2	0	2	1
Case 84	10	126,144,231	126,383,857	3	0	3	1
Case 84	10	126,393,823	126,715,466	2	0	2	1
Case 84	10	126,715,519	127,512,283	3	0	3	1
Case 84	10	127,515,197	127,698,027	2	0	2	1
Case 84	10	127,698,643	129,907,610	3	0	3	1
Case 84	10	129,907,631	130,206,013	2	0	2	1
Case 84	10	130,210,370	131,830,640	3	0	3	1
Case 84	10	131,830,899	132,190,059	2	0	2	1
Case 84	10	132,191,520	132,328,300	3	0	3	1
Case 84	10	132,328,529	132,992,902	2	0	2	1
Case 84	10	132,993,796	133,743,166	3	0	3	1
Case 84	10	133,745,628	133,859,537	2	0	2	1
Case 84	10	133,862,007	134,069,610	3	0	3	1
Case 84	10	134,069,930	135,477,883	2	0	2	1
Case 84	11	193,146	3,742,758	2	1	3	0
Case 84	11	3,743,046	3,778,432	1	1	2	0
Case 84	11	3,784,133	4,389,363	2	1	3	0
Case 84	11	4,389,639	4,674,016	2	2	4	0
Case 84	11	4,674,129	4,947,444	2	1	3	0

Case 84	11	4,948,560	4,948,560	1	1	2	0
Case 84	11	4,951,599	5,000,043	0	0	0	0
Case 84	11	5,005,327	5,008,118	2	0	2	1
Case 84	11	5,009,563	5,246,908	2	1	3	0
Case 84	11	5,247,062	5,344,561	2	2	4	0
Case 84	11	5,344,592	5,420,909	2	1	3	0
Case 84	11	5,422,198	5,624,495	2	2	4	0
Case 84	11	5,624,792	7,188,457	2	1	3	0
Case 84	11	7,189,003	7,616,191	2	2	4	0
Case 84	11	7,617,899	10,368,976	2	1	3	0
Case 84	11	10,370,420	10,788,376	2	2	4	0
Case 84	11	10,791,787	11,387,855	2	1	3	0
Case 84	11	11,388,125	11,448,210	2	2	4	0
Case 84	11	11,450,673	12,055,477	2	1	3	0
Case 84	11	12,064,576	12,183,822	2	2	4	0
Case 84	11	12,183,823	12,279,937	2	1	3	0
Case 84	11	12,281,376	13,185,226	2	2	4	0
Case 84	11	13,187,977	14,113,759	2	1	3	0
Case 84	11	14,114,044	14,355,732	2	2	4	0
Case 84	11	14,360,435	20,930,997	2	1	3	0
Case 84	11	20,931,291	21,581,005	2	0	2	1
Case 84	11	21,581,665	38,860,022	2	1	3	0
Case 84	11	38,876,802	39,011,825	2	0	2	1
Case 84	11	39,031,434	43,788,330	2	1	3	0
Case 84	11	43,791,865	43,957,859	2	2	4	0
Case 84	11	43,960,386	50,296,502	2	1	3	0
Case 84	11	50,325,741	51,518,519	2	0	2	1
Case 84	11	51,521,929	51,591,253	3	0	3	1
Case 84	11	54,794,237	55,026,160	0	0	0	0
Case 84	11	55,027,673	56,344,267	2	0	2	1
Case 84	11	56,344,713	56,488,546	3	0	3	1
Case 84	11	56,489,004	59,166,402	2	0	2	1
Case 84	11	59,169,295	59,225,232	3	0	3	1
Case 84	11	59,225,262	69,224,506	2	0	2	1
Case 84	11	69,228,367	69,395,013	4	0	4	1
Case 84	11	69,395,443	71,864,717	2	0	2	1
Case 84	11	71,872,777	72,118,442	2	2	4	0
Case 84	11	72,138,578	76,801,982	2	1	3	0
Case 84	11	76,804,131	76,813,931	4	1	5	0
Case 84	11	76,813,968	76,982,342	3	1	4	0
Case 84	11	76,992,664	117,909,101	2	1	3	0
Case 84	11	117,909,799	117,911,367	2	2	4	0
Case 84	11	117,912,465	118,279,936	3	1	4	0
Case 84	11	118,285,995	134,934,063	2	1	3	0
Case 84	12	191,619	9,395,789	2	1	3	0
Case 84	12	9,395,807	9,668,380	2	2	4	0
Case 84	12	9,737,858	11,174,644	2	1	3	0
Case 84	12	11,174,672	11,252,845	1	1	2	0
Case 84	12	11,258,011	11,598,347	2	1	3	0
Case 84	12	11,600,320	12,228,887	2	2	4	0
Case 84	12	12,232,283	13,402,175	2	1	3	0
Case 84	12	13,403,253	13,604,120	2	2	4	0
Case 84	12	13,605,240	13,929,640	2	1	3	0
Case 84	12	13,930,857	14,167,216	2	2	4	0
Case 84	12	14,170,627	15,240,327	2	1	3	0
Case 84	12	15,241,484	15,773,421	2	2	4	0
Case 84	12	15,774,202	16,171,293	2	1	3	0
Case 84	12	16,181,423	16,338,596	2	2	4	0
Case 84	12	16,340,300	16,562,400	2	1	3	0
Case 84	12	16,562,428	16,692,603	2	2	4	0
Case 84	12	16,694,800	19,807,502	2	1	3	0

Case 84	12	19,812,468	20,855,761	2	2	4	0
Case 84	12	20,857,467	21,526,367	2	1	3	0
Case 84	12	21,526,651	23,550,425	2	2	4	0
Case 84	12	23,552,823	25,375,799	2	1	3	0
Case 84	12	25,391,456	28,311,347	2	2	4	0
Case 84	12	28,312,593	29,036,447	2	1	3	0
Case 84	12	29,042,392	29,080,104	4	0	4	1
Case 84	12	29,080,889	29,468,987	3	2	5	0
Case 84	12	29,469,774	29,596,324	4	0	4	1
Case 84	12	29,596,365	32,094,101	2	2	4	0
Case 84	12	32,097,486	32,138,725	2	1	3	0
Case 84	12	32,138,843	33,765,194	2	2	4	0
Case 84	12	33,769,090	34,819,926	2	1	3	0
Case 84	12	34,826,574	34,853,011	1	1	2	0
Case 84	12	37,876,400	38,347,638	1	1	2	0
Case 84	12	38,359,611	39,450,491	2	1	3	0
Case 84	12	39,455,489	39,647,079	2	2	4	0
Case 84	12	39,651,893	40,715,302	2	1	3	0
Case 84	12	40,715,590	40,821,867	2	2	4	0
Case 84	12	40,821,871	41,133,114	2	1	3	0
Case 84	12	41,134,450	42,304,125	2	2	4	0
Case 84	12	42,307,611	58,574,139	2	1	3	0
Case 84	12	58,575,527	58,846,726	2	2	4	0
Case 84	12	58,854,426	62,994,433	2	1	3	0
Case 84	12	62,995,984	63,195,787	2	2	4	0
Case 84	12	63,195,840	68,169,616	2	1	3	0
Case 84	12	68,176,381	68,414,744	2	2	4	0
Case 84	12	68,416,645	70,268,693	2	1	3	0
Case 84	12	70,269,566	70,397,165	2	2	4	0
Case 84	12	70,397,972	71,173,316	2	1	3	0
Case 84	12	71,177,098	71,634,794	2	2	4	0
Case 84	12	71,649,818	72,343,287	2	1	3	0
Case 84	12	72,344,618	72,667,550	2	2	4	0
Case 84	12	72,667,687	89,425,822	2	1	3	0
Case 84	12	89,435,177	89,640,358	2	2	4	0
Case 84	12	89,642,084	90,609,017	2	1	3	0
Case 84	12	90,633,507	92,186,339	2	2	4	0
Case 84	12	92,191,466	93,452,318	2	1	3	0
Case 84	12	93,454,823	94,020,567	2	2	4	0
Case 84	12	94,022,971	100,626,305	2	1	3	0
Case 84	12	100,631,797	100,987,741	2	2	4	0
Case 84	12	100,993,553	103,896,595	2	1	3	0
Case 84	12	103,898,134	103,988,267	2	2	4	0
Case 84	12	103,988,268	104,144,426	2	1	3	0
Case 84	12	104,144,835	104,186,946	2	2	4	0
Case 84	12	104,187,260	105,746,767	2	1	3	0
Case 84	12	105,751,954	106,247,887	2	2	4	0
Case 84	12	106,248,532	116,072,234	2	1	3	0
Case 84	12	116,074,762	116,182,525	2	2	4	0
Case 84	12	116,183,484	132,339,957	2	1	3	0
Case 84	12	132,343,891	132,511,987	1	1	2	0
Case 84	12	132,512,663	133,449,367	2	1	3	0
Case 84	12	133,464,500	133,810,935	1	1	2	0
Case 84	13	19,058,717	24,384,047	3	0	3	1
Case 84	13	24,387,412	24,387,412	2	0	2	1
Case 84	13	24,387,570	24,808,217	4	0	4	1
Case 84	13	24,808,505	28,397,996	3	0	3	1
Case 84	13	28,398,994	28,500,496	4	0	4	1
Case 84	13	28,514,849	32,891,798	3	0	3	1
Case 84	13	32,893,271	32,968,861	2	0	2	1
Case 84	13	32,968,922	35,488,617	3	0	3	1

Case 84	13	35,489,094	36,009,566	2	0	2	1
Case 84	13	36,011,882	106,304,224	3	0	3	1
Case 84	13	106,305,635	106,318,499	2	0	2	1
Case 84	13	106,325,458	106,684,468	4	0	4	1
Case 84	13	106,685,573	113,536,257	3	0	3	1
Case 84	13	113,536,260	113,536,260	2	0	2	1
Case 84	13	113,536,627	113,715,020	4	0	4	1
Case 84	13	113,717,098	115,103,529	3	0	3	1
Case 84	14	19,280,733	20,416,499	4	1	5	0
Case 84	14	20,420,338	20,618,025	2	1	3	0
Case 84	14	20,622,221	20,940,468	2	2	4	0
Case 84	14	20,940,515	21,052,305	2	1	3	0
Case 84	14	21,052,362	21,108,896	2	2	4	0
Case 84	14	21,108,909	21,247,801	2	1	3	0
Case 84	14	21,249,869	21,413,602	2	2	4	0
Case 84	14	21,421,088	21,967,133	2	1	3	0
Case 84	14	21,967,916	23,231,146	2	2	4	0
Case 84	14	23,233,971	25,126,821	2	1	3	0
Case 84	14	25,130,692	26,057,113	2	2	4	0
Case 84	14	26,057,215	26,631,035	2	1	3	0
Case 84	14	26,631,830	27,039,039	2	2	4	0
Case 84	14	27,047,037	31,989,217	2	1	3	0
Case 84	14	31,989,902	32,422,346	2	2	4	0
Case 84	14	32,423,630	32,764,761	2	1	3	0
Case 84	14	32,765,219	32,962,300	2	2	4	0
Case 84	14	32,964,338	33,305,020	2	1	3	0
Case 84	14	33,310,288	35,158,184	2	2	4	0
Case 84	14	35,160,860	35,649,943	2	1	3	0
Case 84	14	35,661,048	35,661,048	4	0	4	1
Case 84	14	35,661,293	37,587,697	3	2	5	0
Case 84	14	37,592,381	38,048,891	2	1	3	0
Case 84	14	38,051,035	39,163,368	2	2	4	0
Case 84	14	39,169,477	47,620,548	2	1	3	0
Case 84	14	47,624,206	48,170,885	2	2	4	0
Case 84	14	48,178,355	49,092,169	2	1	3	0
Case 84	14	49,094,915	49,951,350	2	2	4	0
Case 84	14	49,952,834	50,754,969	2	1	3	0
Case 84	14	50,760,030	51,573,517	2	2	4	0
Case 84	14	51,574,856	54,312,047	2	1	3	0
Case 84	14	54,313,655	55,407,944	2	2	4	0
Case 84	14	55,407,992	56,166,871	2	1	3	0
Case 84	14	56,173,687	56,959,440	2	2	4	0
Case 84	14	56,959,881	57,114,085	2	1	3	0
Case 84	14	57,114,385	57,665,761	2	2	4	0
Case 84	14	57,668,859	58,056,257	2	1	3	0
Case 84	14	58,060,707	58,596,356	2	2	4	0
Case 84	14	58,598,373	59,142,548	2	1	3	0
Case 84	14	59,144,955	59,504,389	2	2	4	0
Case 84	14	59,505,553	60,921,836	2	1	3	0
Case 84	14	60,923,658	61,180,312	2	2	4	0
Case 84	14	61,180,321	61,675,709	2	1	3	0
Case 84	14	61,682,713	62,010,237	2	2	4	0
Case 84	14	62,010,359	62,678,303	2	1	3	0
Case 84	14	62,679,790	63,784,452	2	2	4	0
Case 84	14	63,786,357	66,136,163	2	1	3	0
Case 84	14	66,142,960	68,055,884	2	2	4	0
Case 84	14	68,056,390	68,611,136	2	1	3	0
Case 84	14	68,621,818	69,452,088	2	2	4	0
Case 84	14	69,455,505	69,992,346	2	1	3	0
Case 84	14	69,992,838	70,512,159	2	2	4	0
Case 84	14	70,512,889	70,735,534	2	1	3	0

Case 84	14	70,738,521	71,712,150	2	2	4	0
Case 84	14	71,712,343	72,190,399	2	1	3	0
Case 84	14	72,191,310	72,645,729	2	2	4	0
Case 84	14	72,647,846	72,757,384	2	1	3	0
Case 84	14	72,759,412	73,258,444	2	2	4	0
Case 84	14	73,260,377	75,558,231	2	1	3	0
Case 84	14	75,562,076	76,045,766	2	2	4	0
Case 84	14	76,045,858	78,060,031	2	1	3	0
Case 84	14	78,063,440	81,141,399	2	2	4	0
Case 84	14	81,144,044	81,371,188	2	1	3	0
Case 84	14	81,371,207	84,535,427	2	2	4	0
Case 84	14	84,547,783	85,565,927	2	1	3	0
Case 84	14	85,565,987	89,656,772	2	2	4	0
Case 84	14	89,657,867	90,145,556	2	1	3	0
Case 84	14	90,149,049	90,208,263	2	2	4	0
Case 84	14	90,209,466	91,491,113	3	1	4	0
Case 84	14	91,497,719	91,770,261	4	1	5	0
Case 84	14	91,772,204	93,313,542	2	1	3	0
Case 84	14	93,314,692	93,649,793	2	2	4	0
Case 84	14	93,649,990	94,200,936	2	1	3	0
Case 84	14	94,201,670	94,517,670	2	2	4	0
Case 84	14	94,517,778	95,090,410	2	1	3	0
Case 84	14	95,094,023	95,353,739	2	2	4	0
Case 84	14	95,358,513	96,038,182	2	1	3	0
Case 84	14	96,038,299	96,165,754	2	2	4	0
Case 84	14	96,169,131	97,365,090	2	1	3	0
Case 84	14	97,371,939	97,994,090	2	2	4	0
Case 84	14	98,000,813	98,263,147	2	1	3	0
Case 84	14	98,263,979	98,483,831	2	2	4	0
Case 84	14	98,486,406	98,731,550	2	1	3	0
Case 84	14	98,734,567	99,654,436	2	2	4	0
Case 84	14	99,657,192	99,677,128	2	0	2	1
Case 84	14	99,679,507	101,643,065	2	1	3	0
Case 84	14	101,643,081	102,404,741	2	2	4	0
Case 84	14	102,410,245	102,600,112	2	1	3	0
Case 84	14	102,605,127	102,659,694	2	2	4	0
Case 84	14	102,660,012	103,376,031	3	1	4	0
Case 84	14	103,377,321	103,602,278	2	1	3	0
Case 84	14	103,602,657	103,705,842	2	2	4	0
Case 84	14	103,707,417	103,829,328	4	1	5	0
Case 84	14	103,836,385	103,918,029	5	1	6	0
Case 84	14	103,933,469	107,287,663	2	1	3	0
Case 84	15	20,034,919	31,528,162	2	0	2	1
Case 84	15	31,528,656	32,185,610	3	0	3	1
Case 84	15	32,187,120	34,017,054	2	0	2	1
Case 84	15	34,017,718	34,057,407	3	0	3	1
Case 84	15	34,060,601	34,373,344	2	0	2	1
Case 84	15	34,375,818	35,117,336	3	0	3	1
Case 84	15	35,119,748	35,275,615	2	0	2	1
Case 84	15	35,278,475	35,740,582	3	0	3	1
Case 84	15	35,741,648	36,719,135	2	0	2	1
Case 84	15	36,720,037	37,191,961	3	0	3	1
Case 84	15	37,193,851	38,838,264	2	0	2	1
Case 84	15	38,839,587	39,246,333	3	0	3	1
Case 84	15	39,248,406	39,542,522	2	0	2	1
Case 84	15	39,542,919	39,886,304	3	0	3	1
Case 84	15	39,886,330	41,148,498	2	0	2	1
Case 84	15	41,148,516	41,220,900	3	0	3	1
Case 84	15	41,222,183	42,979,547	2	0	2	1
Case 84	15	42,979,861	43,020,434	3	0	3	1
Case 84	15	43,020,878	43,495,212	2	0	2	1



Case 84	15	43,495,420	43,619,560	3	0	3	1
Case 84	15	43,620,073	45,396,374	2	0	2	1
Case 84	15	45,396,563	45,544,319	3	0	3	1
Case 84	15	45,544,906	48,734,008	2	0	2	1
Case 84	15	48,739,274	49,012,013	3	0	3	1
Case 84	15	49,013,011	49,127,134	2	0	2	1
Case 84	15	49,129,323	49,279,406	3	0	3	1
Case 84	15	49,281,624	51,542,757	2	0	2	1
Case 84	15	51,543,382	51,748,610	3	0	3	1
Case 84	15	51,750,931	53,320,058	2	0	2	1
Case 84	15	53,332,308	53,805,520	3	0	3	1
Case 84	15	53,805,825	56,774,898	2	0	2	1
Case 84	15	56,775,597	58,555,709	3	0	3	1
Case 84	15	58,555,944	58,717,428	2	0	2	1
Case 84	15	58,717,919	58,839,298	3	0	3	1
Case 84	15	58,840,535	59,465,403	2	0	2	1
Case 84	15	59,466,217	59,661,404	3	0	3	1
Case 84	15	59,670,137	59,996,367	2	0	2	1
Case 84	15	59,997,696	60,220,932	3	0	3	1
Case 84	15	60,221,244	60,862,500	2	0	2	1
Case 84	15	60,862,962	61,212,869	3	0	3	1
Case 84	15	61,213,225	62,382,733	2	0	2	1
Case 84	15	62,383,155	63,323,779	3	0	3	1
Case 84	15	63,323,880	66,386,853	2	0	2	1
Case 84	15	66,390,531	66,564,446	3	0	3	1
Case 84	15	66,568,700	66,875,404	2	0	2	1
Case 84	15	66,876,748	67,041,365	3	0	3	1
Case 84	15	67,043,207	67,125,377	2	0	2	1
Case 84	15	67,129,986	67,400,490	3	0	3	1
Case 84	15	67,407,899	67,615,953	1	0	1	0
Case 84	15	67,629,175	68,000,122	2	0	2	1
Case 84	15	68,016,343	68,325,938	3	0	3	1
Case 84	15	68,334,546	70,209,335	2	0	2	1
Case 84	15	70,209,553	70,362,560	3	0	3	1
Case 84	15	70,364,352	70,457,732	2	0	2	1
Case 84	15	70,457,902	70,888,927	3	0	3	1
Case 84	15	70,899,256	73,556,944	2	0	2	1
Case 84	15	73,557,903	73,660,028	3	0	3	1
Case 84	15	73,664,741	76,315,542	2	0	2	1
Case 84	15	76,350,112	76,630,303	3	0	3	1
Case 84	15	76,632,487	77,255,029	2	0	2	1
Case 84	15	77,256,130	77,329,487	3	0	3	1
Case 84	15	77,335,891	77,856,991	2	0	2	1
Case 84	15	77,858,569	78,121,487	3	0	3	1
Case 84	15	78,134,138	79,189,155	2	0	2	1
Case 84	15	79,190,132	79,855,129	3	0	3	1
Case 84	15	79,856,293	80,432,222	2	0	2	1
Case 84	15	80,442,883	81,410,488	3	0	3	1
Case 84	15	81,420,918	82,334,048	2	0	2	1
Case 84	15	82,336,141	82,409,860	3	0	3	1
Case 84	15	82,410,474	85,070,931	2	0	2	1
Case 84	15	85,117,468	85,494,062	3	0	3	1
Case 84	15	85,494,147	86,278,309	2	0	2	1
Case 84	15	86,278,319	86,346,685	3	0	3	1
Case 84	15	86,347,848	86,521,133	2	0	2	1
Case 84	15	86,521,483	86,634,163	3	0	3	1
Case 84	15	86,641,041	87,675,247	2	0	2	1
Case 84	15	87,675,620	88,290,509	3	0	3	1
Case 84	15	88,292,563	88,554,886	2	0	2	1
Case 84	15	88,566,617	88,820,515	3	0	3	1
Case 84	15	88,820,968	89,408,081	2	0	2	1

Case 84	15	89,412,279	89,698,538	3	0	3	1
Case 84	15	89,700,675	90,347,814	2	0	2	1
Case 84	15	90,348,335	90,446,501	3	0	3	1
Case 84	15	90,447,042	91,354,521	2	0	2	1
Case 84	15	91,354,551	91,765,766	3	0	3	1
Case 84	15	91,768,400	91,878,370	2	0	2	1
Case 84	15	91,878,867	92,517,358	3	0	3	1
Case 84	15	92,518,451	92,770,506	2	0	2	1
Case 84	15	92,770,579	93,131,632	3	0	3	1
Case 84	15	93,131,931	93,681,470	2	0	2	1
Case 84	15	93,682,229	93,926,846	3	0	3	1
Case 84	15	93,927,305	95,019,927	2	0	2	1
Case 84	15	95,019,969	95,284,905	3	0	3	1
Case 84	15	95,286,328	99,409,548	2	0	2	1
Case 84	15	99,412,562	99,616,720	3	0	3	1
Case 84	15	99,618,168	99,916,332	2	0	2	1
Case 84	15	99,925,021	100,269,596	3	0	3	1
Case 84	15	100,269,614	100,424,605	2	0	2	1
Case 84	15	100,424,858	100,808,087	3	0	3	1
Case 84	15	100,809,358	101,244,413	2	0	2	1
Case 84	15	101,244,572	101,440,988	3	0	3	1
Case 84	15	101,442,436	101,592,856	2	0	2	1
Case 84	15	101,593,219	101,779,863	3	0	3	1
Case 84	15	101,781,934	101,919,191	2	0	2	1
Case 84	15	101,919,297	102,211,876	3	0	3	1
Case 84	15	102,215,815	102,461,162	2	0	2	1
Case 84	16	88,165	14,042,070	2	0	2	1
Case 84	16	14,042,077	14,140,337	3	0	3	1
Case 84	16	14,141,090	17,211,635	2	0	2	1
Case 84	16	17,211,722	17,409,998	3	0	3	1
Case 84	16	17,411,635	20,982,832	2	0	2	1
Case 84	16	20,986,506	21,110,478	4	0	4	1
Case 84	16	21,113,272	25,563,680	2	0	2	1
Case 84	16	25,565,967	27,481,681	2	2	4	0
Case 84	16	27,489,852	27,786,289	2	1	3	0
Case 84	16	27,786,313	29,824,508	2	2	4	0
Case 84	16	29,824,809	29,965,496	2	0	2	1
Case 84	16	29,968,015	30,364,712	3	0	3	1
Case 84	16	30,364,805	35,285,582	2	0	2	1
Case 84	16	46,450,037	51,279,824	2	0	2	1
Case 84	16	51,289,593	51,451,319	2	2	4	0
Case 84	16	51,457,948	52,447,414	2	0	2	1
Case 84	16	52,453,567	52,840,949	3	0	3	1
Case 84	16	52,848,236	55,594,811	2	0	2	1
Case 84	16	55,600,672	57,422,519	2	2	4	0
Case 84	16	57,436,153	57,683,127	4	1	5	0
Case 84	16	57,684,213	57,732,847	2	1	3	0
Case 84	16	57,734,141	58,097,357	2	0	2	1
Case 84	16	58,104,664	58,201,628	4	0	4	1
Case 84	16	58,202,107	61,419,025	2	0	2	1
Case 84	16	61,436,948	61,870,462	2	2	4	0
Case 84	16	61,883,401	66,608,800	2	0	2	1
Case 84	16	66,609,668	69,067,538	2	1	3	0
Case 84	16	69,074,247	69,329,590	2	0	2	1
Case 84	16	69,334,737	69,474,517	3	0	3	1
Case 84	16	69,481,071	69,481,071	2	0	2	1
Case 84	16	69,496,384	69,646,122	4	0	4	1
Case 84	16	69,660,329	70,031,958	2	0	2	1
Case 84	16	70,073,957	70,513,384	3	0	3	1
Case 84	16	70,513,554	70,841,656	4	0	4	1
Case 84	16	70,841,658	71,158,111	3	0	3	1

Case 84	16	71,163,613	74,349,043	4	0	4	1
Case 84	16	74,366,251	74,729,501	3	0	3	1
Case 84	16	74,729,601	75,924,274	4	0	4	1
Case 84	16	75,928,610	76,555,200	3	2	5	0
Case 84	16	76,555,205	77,684,529	4	0	4	1
Case 84	16	77,685,690	78,684,329	3	2	5	0
Case 84	16	78,688,144	78,718,027	4	0	4	1
Case 84	16	78,719,199	80,513,030	3	2	5	0
Case 84	16	80,514,918	82,519,228	4	0	4	1
Case 84	16	82,521,530	83,310,856	3	2	5	0
Case 84	16	83,316,624	84,050,264	4	0	4	1
Case 84	16	84,050,265	84,209,660	3	0	3	1
Case 84	16	84,209,731	84,221,962	4	0	4	1
Case 84	16	84,223,361	84,234,231	3	2	5	0
Case 84	16	84,234,740	85,590,786	4	0	4	1
Case 84	16	85,596,267	85,712,105	3	2	5	0
Case 84	16	85,712,245	85,801,365	4	0	4	1
Case 84	16	85,809,294	85,993,295	3	0	3	1
Case 84	16	85,995,227	85,995,227	2	0	2	1
Case 84	16	85,996,080	86,301,948	4	0	4	1
Case 84	16	86,302,072	87,110,471	3	0	3	1
Case 84	16	87,111,021	87,111,021	2	0	2	1
Case 84	16	87,112,655	87,284,177	4	0	4	1
Case 84	16	87,286,546	88,691,401	3	0	3	1
Case 84	16	88,695,167	89,349,372	3	1	4	0
Case 84	16	89,349,387	89,392,315	2	1	3	0
Case 84	16	89,420,356	89,422,823	4	0	4	1
Case 84	16	89,427,319	89,726,484	3	0	3	1
Case 84	16	89,727,595	89,836,978	2	0	2	1
Case 84	16	89,838,086	90,274,695	3	0	3	1
Case 84	17	11,885	1,151,592	2	0	2	1
Case 84	17	1,154,536	1,370,459	4	0	4	1
Case 84	17	1,370,542	1,400,040	3	0	3	1
Case 84	17	1,400,067	7,011,225	2	0	2	1
Case 84	17	7,011,782	7,339,884	3	0	3	1
Case 84	17	7,340,025	22,242,355	2	0	2	1
Case 84	17	25,268,142	34,436,708	2	1	3	0
Case 84	17	34,443,811	34,597,521	4	1	5	0
Case 84	17	34,815,551	57,709,814	2	1	3	0
Case 84	17	57,724,829	57,930,646	1	1	2	0
Case 84	17	57,934,169	73,812,909	2	1	3	0
Case 84	17	73,812,937	73,945,529	2	2	4	0
Case 84	17	73,945,640	79,433,106	2	1	3	0
Case 84	17	79,441,807	79,483,999	2	0	2	1
Case 84	17	79,487,491	80,373,453	2	1	3	0
Case 84	17	80,374,899	80,544,980	2	0	2	1
Case 84	17	80,544,993	81,060,040	2	1	3	0
Case 84	18	87,505	629,035	3	1	4	0
Case 84	18	631,211	2,586,907	3	2	5	0
Case 84	18	2,589,239	2,616,500	4	1	5	0
Case 84	18	2,621,407	5,252,119	3	1	4	0
Case 84	18	5,252,280	6,961,491	4	1	5	0
Case 84	18	6,961,610	7,050,910	3	1	4	0
Case 84	18	7,054,431	11,748,216	4	1	5	0
Case 84	18	11,749,198	12,358,902	3	1	4	0
Case 84	18	12,362,219	12,898,134	4	1	5	0
Case 84	18	12,899,342	15,375,878	3	1	4	0
Case 84	18	18,520,354	18,737,524	3	1	4	0
Case 84	18	18,737,664	19,536,542	2	1	3	0
Case 84	18	19,540,467	19,710,668	4	1	5	0
Case 84	18	19,721,331	24,505,253	3	1	4	0

Case 84	18	24,505,955	25,134,546	2	1	3	0
Case 84	18	25,144,165	25,440,258	2	2	4	0
Case 84	18	25,444,241	28,666,627	2	1	3	0
Case 84	18	28,666,679	30,574,507	2	2	4	0
Case 84	18	30,577,619	38,850,517	2	1	3	0
Case 84	18	38,857,660	49,976,719	2	0	2	1
Case 84	18	49,988,133	50,140,929	2	2	4	0
Case 84	18	50,142,425	53,489,366	2	1	3	0
Case 84	18	53,495,479	53,605,893	4	1	5	0
Case 84	18	53,606,519	54,424,198	3	1	4	0
Case 84	18	54,424,267	55,654,318	2	2	4	0
Case 84	18	55,655,487	68,197,110	2	0	2	1
Case 84	18	68,199,224	69,096,150	3	0	3	1
Case 84	18	69,099,608	69,414,120	2	0	2	1
Case 84	18	69,418,494	76,856,627	3	0	3	1
Case 84	18	76,868,631	77,122,830	2	0	2	1
Case 84	18	77,129,563	78,015,180	3	0	3	1
Case 84	19	260,912	2,930,806	2	0	2	1
Case 84	19	2,933,283	2,936,664	1	0	1	0
Case 84	19	2,939,366	3,979,842	2	0	2	1
Case 84	19	3,981,387	4,118,871	3	0	3	1
Case 84	19	4,119,012	9,868,404	2	0	2	1
Case 84	19	9,868,449	9,872,907	1	0	1	0
Case 84	19	9,873,963	11,879,420	2	0	2	1
Case 84	19	11,881,346	12,244,289	1	0	1	0
Case 84	19	12,244,624	12,450,622	2	0	2	1
Case 84	19	12,450,725	12,462,101	1	0	1	0
Case 84	19	12,462,839	12,940,737	2	0	2	1
Case 84	19	12,942,750	13,211,515	3	0	3	1
Case 84	19	13,211,521	19,822,049	2	0	2	1
Case 84	19	19,822,451	19,823,734	1	0	1	0
Case 84	19	19,824,850	21,178,242	2	0	2	1
Case 84	19	21,180,787	21,300,054	1	0	1	0
Case 84	19	21,300,992	23,804,041	2	0	2	1
Case 84	19	23,814,365	23,937,693	1	0	1	0
Case 84	19	23,938,402	24,629,285	2	0	2	1
Case 84	19	27,732,159	28,792,480	6	1	7	0
Case 84	19	28,792,896	28,792,896	3	1	4	0
Case 84	19	28,796,676	36,003,538	5	1	6	0
Case 84	19	36,003,591	36,003,591	1	1	2	0
Case 84	19	36,003,721	36,277,957	4	1	5	0
Case 84	19	36,278,111	36,987,525	5	1	6	0
Case 84	19	37,004,938	37,739,801	6	1	7	0
Case 84	19	37,796,891	37,823,811	2	1	3	0
Case 84	19	37,835,658	38,709,609	6	1	7	0
Case 84	19	38,713,568	39,826,479	3	1	4	0
Case 84	19	39,826,597	40,008,118	4	1	5	0
Case 84	19	40,009,100	42,171,906	3	1	4	0
Case 84	19	42,175,160	42,455,840	3	2	5	0
Case 84	19	42,460,159	42,462,788	4	0	4	1
Case 84	19	42,462,898	43,371,294	3	1	4	0
Case 84	19	43,372,386	43,439,793	4	1	5	0
Case 84	19	43,441,194	43,519,270	6	1	7	0
Case 84	19	43,519,304	43,519,304	4	1	5	0
Case 84	19	43,519,442	57,132,677	3	1	4	0
Case 84	19	57,132,687	57,181,967	2	1	3	0
Case 84	19	57,182,045	57,273,811	2	2	4	0
Case 84	19	57,279,391	57,359,432	2	1	3	0
Case 84	19	57,372,498	57,487,513	2	2	4	0
Case 84	19	57,488,382	59,097,160	2	1	3	0
Case 84	20	63,244	1,235,040	4	0	4	1

Case 84	20	1,248,286	1,352,322	3	2	5	0
Case 84	20	1,358,272	1,612,491	4	0	4	1
Case 84	20	1,612,700	1,941,488	3	2	5	0
Case 84	20	1,942,718	2,597,560	4	0	4	1
Case 84	20	2,597,716	2,992,928	3	1	4	0
Case 84	20	3,003,027	3,553,472	3	2	5	0
Case 84	20	3,555,910	4,648,538	3	3	6	0
Case 84	20	4,649,276	4,680,094	4	2	6	0
Case 84	20	4,680,290	5,924,640	3	2	5	0
Case 84	20	5,931,473	6,767,642	3	3	6	0
Case 84	20	6,769,533	8,121,097	4	2	6	0
Case 84	20	8,124,354	8,795,984	3	2	5	0
Case 84	20	8,808,310	10,337,546	3	3	6	0
Case 84	20	10,340,037	10,386,055	4	2	6	0
Case 84	20	10,386,059	11,347,455	3	2	5	0
Case 84	20	11,367,780	11,703,372	4	0	4	1
Case 84	20	11,716,825	11,742,799	3	2	5	0
Case 84	20	11,748,386	11,939,516	4	0	4	1
Case 84	20	11,942,854	11,967,343	3	2	5	0
Case 84	20	11,970,685	12,173,825	4	0	4	1
Case 84	20	12,175,478	13,079,469	3	2	5	0
Case 84	20	13,082,281	13,765,507	3	3	6	0
Case 84	20	13,765,892	14,727,386	4	1	5	0
Case 84	20	14,729,891	14,742,886	2	1	3	0
Case 84	20	14,745,223	14,926,333	2	0	2	1
Case 84	20	14,926,362	14,931,186	2	1	3	0
Case 84	20	14,936,935	15,071,192	4	1	5	0
Case 84	20	15,071,428	15,135,938	3	1	4	0
Case 84	20	15,139,048	15,375,124	4	1	5	0
Case 84	20	15,375,822	15,395,647	2	1	3	0
Case 84	20	15,397,928	15,649,366	2	2	4	0
Case 84	20	15,651,887	16,317,350	4	1	5	0
Case 84	20	16,317,636	16,385,494	3	1	4	0
Case 84	20	16,393,851	17,735,508	3	2	5	0
Case 84	20	17,736,753	17,931,095	3	3	6	0
Case 84	20	17,933,320	18,143,551	3	1	4	0
Case 84	20	18,146,703	19,583,374	3	2	5	0
Case 84	20	19,585,661	24,713,912	4	0	4	1
Case 84	20	24,715,544	25,599,776	3	0	3	1
Case 84	20	25,604,536	25,604,536	2	0	2	1
Case 84	20	25,604,572	26,293,985	4	0	4	1
Case 84	20	29,425,357	29,846,402	4	0	4	1
Case 84	20	29,847,314	31,671,577	3	0	3	1
Case 84	20	31,671,580	32,085,168	2	2	4	0
Case 84	20	32,110,204	32,110,204	2	1	3	0
Case 84	20	32,140,287	32,527,128	6	1	7	0
Case 84	20	32,535,305	33,000,437	3	1	4	0
Case 84	20	33,000,444	33,874,784	4	0	4	1
Case 84	20	33,874,855	34,568,544	3	0	3	1
Case 84	20	34,571,484	34,593,558	4	0	4	1
Case 84	20	34,596,371	34,785,938	3	2	5	0
Case 84	20	34,793,497	39,471,724	4	0	4	1
Case 84	20	39,473,115	39,589,528	3	2	5	0
Case 84	20	39,592,520	39,988,252	4	0	4	1
Case 84	20	39,990,159	40,769,924	3	2	5	0
Case 84	20	40,775,576	43,695,762	4	0	4	1
Case 84	20	43,701,355	46,147,566	3	1	4	0
Case 84	20	46,153,148	47,634,040	3	2	5	0
Case 84	20	47,645,205	47,721,092	3	3	6	0
Case 84	20	47,731,767	48,043,810	4	1	5	0
Case 84	20	48,048,123	50,175,535	3	1	4	0

Case 84	20	50,181,272	50,445,716	3	2	5	0
Case 84	20	50,446,692	51,740,178	3	3	6	0
Case 84	20	51,741,616	52,808,779	3	1	4	0
Case 84	20	52,809,296	54,333,756	3	2	5	0
Case 84	20	54,336,181	54,359,883	4	0	4	1
Case 84	20	54,361,346	54,998,544	3	1	4	0
Case 84	20	55,006,888	55,686,994	4	0	4	1
Case 84	20	55,689,894	56,206,279	3	0	3	1
Case 84	20	56,206,309	56,217,386	2	0	2	1
Case 84	20	56,223,061	58,364,597	4	0	4	1
Case 84	20	58,374,386	58,645,895	3	0	3	1
Case 84	20	58,647,687	58,647,687	2	0	2	1
Case 84	20	58,648,660	58,839,876	4	0	4	1
Case 84	20	58,842,690	62,948,788	3	1	4	0
Case 84	21	10,827,533	10,971,337	2	1	3	0
Case 84	21	14,368,320	29,275,627	2	1	3	0
Case 84	21	29,299,378	29,428,642	2	0	2	1
Case 84	21	29,435,419	29,850,549	1	0	1	0
Case 84	21	29,853,103	29,853,103	2	0	2	1
Case 84	21	29,853,569	34,588,494	2	1	3	0
Case 84	21	34,590,090	34,619,126	2	2	4	0
Case 84	21	34,620,113	34,804,538	3	1	4	0
Case 84	21	34,805,023	42,870,522	2	1	3	0
Case 84	21	42,871,273	43,102,001	2	2	4	0
Case 84	21	43,102,097	45,773,590	2	1	3	0
Case 84	21	45,773,615	45,919,761	2	2	4	0
Case 84	21	45,924,741	48,100,155	2	1	3	0
Case 84	22	16,114,244	21,927,064	2	0	2	1
Case 84	22	21,928,641	22,098,687	4	0	4	1
Case 84	22	22,106,535	50,280,759	2	0	2	1
Case 84	22	50,281,344	50,509,196	3	0	3	1
Case 84	22	50,510,258	51,195,728	2	0	2	1
Case 85	1	82,154	2,938,697	2	0	2	1
Case 85	1	2,938,800	3,220,101	2	1	3	0
Case 85	1	3,221,371	19,119,910	2	0	2	1
Case 85	1	19,122,339	28,005,102	1	1	2	0
Case 85	1	28,011,854	28,599,878	1	0	1	0
Case 85	1	28,599,897	121,346,616	1	1	2	0
Case 85	1	142,649,718	242,977,333	1	1	2	0
Case 85	1	242,982,864	244,544,441	2	1	3	0
Case 85	1	244,544,818	249,218,992	1	1	2	0
Case 85	2	18,674	92,081,640	1	1	2	0
Case 85	2	95,429,424	243,048,760	1	1	2	0
Case 85	3	61,495	9,646,987	1	1	2	0
Case 85	3	9,649,470	10,321,734	1	0	1	0
Case 85	3	10,322,521	12,226,031	1	1	2	0
Case 85	3	12,230,704	12,806,123	1	0	1	0
Case 85	3	12,818,103	15,410,365	1	1	2	0
Case 85	3	15,427,117	16,811,826	1	0	1	0
Case 85	3	16,812,671	19,450,214	1	1	2	0
Case 85	3	19,457,107	21,241,148	1	0	1	0
Case 85	3	21,248,642	31,593,820	1	1	2	0
Case 85	3	31,617,966	33,736,126	1	0	1	0
Case 85	3	33,745,827	36,898,991	1	1	2	0
Case 85	3	36,900,362	37,526,959	1	0	1	0
Case 85	3	37,529,636	44,489,700	1	1	2	0
Case 85	3	44,489,755	44,893,288	1	0	1	0
Case 85	3	44,893,346	47,018,127	1	1	2	0
Case 85	3	47,024,495	49,689,675	1	0	1	0
Case 85	3	49,690,199	57,053,921	1	1	2	0
Case 85	3	57,055,271	57,961,370	1	0	1	0

Case 85	3	57,965,749	69,033,283	1	1	2	0
Case 85	3	69,034,315	69,512,024	1	0	1	0
Case 85	3	69,513,028	75,388,161	1	1	2	0
Case 85	3	75,390,501	77,084,262	1	0	1	0
Case 85	3	77,086,844	80,147,995	1	1	2	0
Case 85	3	80,158,184	90,442,925	1	0	1	0
Case 85	3	93,537,290	97,550,849	1	0	1	0
Case 85	3	97,570,446	113,187,648	2	0	2	1
Case 85	3	113,187,675	113,187,981	2	1	3	0
Case 85	3	113,207,804	113,251,977	7	0	7	1
Case 85	3	113,255,143	113,259,413	1	1	2	0
Case 85	3	113,264,994	146,376,541	2	0	2	1
Case 85	3	146,381,657	149,519,843	3	0	3	1
Case 85	3	149,531,177	149,660,475	2	0	2	1
Case 85	3	149,668,016	154,603,598	4	0	4	1
Case 85	3	154,650,506	154,767,233	1	1	2	0
Case 85	3	154,787,433	157,271,099	3	0	3	1
Case 85	3	157,278,882	157,278,882	4	0	4	1
Case 85	3	157,283,248	157,288,885	2	0	2	1
Case 85	3	157,289,766	160,131,274	4	0	4	1
Case 85	3	160,131,347	170,347,683	3	0	3	1
Case 85	3	170,362,619	171,443,851	4	0	4	1
Case 85	3	171,452,645	171,463,272	1	1	2	0
Case 85	3	171,477,953	172,480,522	1	0	1	0
Case 85	3	172,480,580	178,556,483	1	1	2	0
Case 85	3	178,569,163	183,882,366	1	0	1	0
Case 85	3	183,882,713	186,435,370	1	1	2	0
Case 85	3	186,435,412	186,665,645	1	0	1	0
Case 85	3	186,666,546	188,741,418	1	1	2	0
Case 85	3	188,757,737	189,816,756	1	0	1	0
Case 85	3	189,822,654	195,477,779	1	1	2	0
Case 85	3	195,477,791	197,838,262	1	0	1	0
Case 85	4	71,566	99,926	1	1	2	0
Case 85	4	109,596	3,136,138	1	0	1	0
Case 85	4	3,138,013	49,620,898	1	1	2	0
Case 85	4	52,697,856	62,290,634	1	1	2	0
Case 85	4	62,293,449	65,750,373	1	0	1	0
Case 85	4	65,751,266	68,074,583	1	1	2	0
Case 85	4	68,075,795	70,709,794	1	0	1	0
Case 85	4	70,710,656	71,626,572	1	1	2	0
Case 85	4	71,629,345	72,083,374	1	0	1	0
Case 85	4	72,084,653	76,421,029	1	1	2	0
Case 85	4	76,431,119	77,305,566	1	0	1	0
Case 85	4	77,305,720	82,992,937	1	1	2	0
Case 85	4	82,996,183	84,580,859	1	0	1	0
Case 85	4	84,584,157	86,426,882	1	1	2	0
Case 85	4	86,432,381	88,533,290	1	0	1	0
Case 85	4	88,533,296	90,833,372	1	1	2	0
Case 85	4	90,833,421	96,025,586	1	0	1	0
Case 85	4	96,025,591	99,636,215	1	1	2	0
Case 85	4	99,636,952	100,141,240	1	0	1	0
Case 85	4	100,142,302	105,933,321	1	1	2	0
Case 85	4	105,936,370	108,040,751	1	0	1	0
Case 85	4	108,041,804	110,324,528	1	1	2	0
Case 85	4	110,350,409	111,198,328	1	0	1	0
Case 85	4	111,211,272	113,356,363	1	1	2	0
Case 85	4	113,356,927	113,972,856	1	0	1	0
Case 85	4	113,973,952	115,581,365	1	1	2	0
Case 85	4	115,583,723	117,562,565	1	0	1	0
Case 85	4	117,568,631	123,342,477	1	1	2	0
Case 85	4	123,342,616	124,754,548	1	0	1	0

Case 85	4	124,757,420	128,628,100	1	1	2	0
Case 85	4	128,631,859	137,744,065	1	0	1	0
Case 85	4	137,745,250	138,739,406	1	1	2	0
Case 85	4	138,762,626	139,211,038	2	0	2	1
Case 85	4	139,212,420	139,274,999	1	1	2	0
Case 85	4	139,275,208	172,808,394	3	0	3	1
Case 85	4	172,812,489	189,892,200	2	0	2	1
Case 85	4	189,896,929	189,914,135	1	1	2	0
Case 85	4	189,917,515	190,963,766	1	0	1	0
Case 85	5	38,139	45,467,538	1	1	2	0
Case 85	5	45,477,535	46,399,093	1	0	1	0
Case 85	5	49,457,282	49,646,456	1	0	1	0
Case 85	5	49,648,025	139,930,726	1	1	2	0
Case 85	5	139,930,736	139,931,652	1	0	1	0
Case 85	5	139,931,653	180,693,127	1	1	2	0
Case 85	6	108,666	32,413,545	1	1	2	0
Case 85	6	32,413,557	32,684,069	2	0	2	1
Case 85	6	32,684,257	58,752,089	1	1	2	0
Case 85	6	61,891,118	73,905,177	1	1	2	0
Case 85	6	73,907,138	74,541,452	1	0	1	0
Case 85	6	74,542,387	75,461,596	1	1	2	0
Case 85	6	75,461,657	76,550,730	1	0	1	0
Case 85	6	76,552,776	80,715,838	1	1	2	0
Case 85	6	80,717,615	84,005,867	1	0	1	0
Case 85	6	84,017,921	84,895,018	1	1	2	0
Case 85	6	84,895,024	85,434,491	1	0	1	0
Case 85	6	85,435,275	87,028,147	1	1	2	0
Case 85	6	87,041,092	88,654,437	1	0	1	0
Case 85	6	88,655,566	90,075,796	1	1	2	0
Case 85	6	90,076,384	90,625,166	1	0	1	0
Case 85	6	90,629,110	95,578,465	1	1	2	0
Case 85	6	95,592,790	96,861,476	1	0	1	0
Case 85	6	96,894,328	102,270,322	1	1	2	0
Case 85	6	102,283,963	103,945,307	1	0	1	0
Case 85	6	103,945,668	106,369,045	1	1	2	0
Case 85	6	106,371,088	107,505,241	1	0	1	0
Case 85	6	107,506,631	108,121,953	1	1	2	0
Case 85	6	108,127,875	109,037,698	1	0	1	0
Case 85	6	109,038,738	110,768,128	1	1	2	0
Case 85	6	110,768,155	111,558,989	1	0	1	0
Case 85	6	111,560,946	134,413,537	1	1	2	0
Case 85	6	134,416,205	134,831,205	1	0	1	0
Case 85	6	134,831,486	138,900,935	1	1	2	0
Case 85	6	138,902,869	141,656,138	1	0	1	0
Case 85	6	141,667,778	148,519,573	1	1	2	0
Case 85	6	148,526,689	150,211,100	1	0	1	0
Case 85	6	150,211,123	151,765,296	1	1	2	0
Case 85	6	151,768,495	152,006,011	1	0	1	0
Case 85	6	152,006,178	158,094,302	1	1	2	0
Case 85	6	158,096,328	159,401,898	1	0	1	0
Case 85	6	159,403,554	160,858,175	1	1	2	0
Case 85	6	160,858,188	161,551,439	1	0	1	0
Case 85	6	161,553,837	169,888,764	1	1	2	0
Case 85	6	169,898,317	170,980,171	1	0	1	0
Case 85	7	44,935	44,935	2	0	2	1
Case 85	7	46,239	68,920	4	0	4	1
Case 85	7	83,185	7,178,545	1	1	2	0
Case 85	7	7,185,752	7,646,720	2	1	3	0
Case 85	7	7,653,628	57,481,104	1	1	2	0
Case 85	7	57,488,782	58,019,061	1	0	1	0
Case 85	7	61,056,053	62,677,044	1	0	1	0



Case 85	7	62,689,447	100,674,899	1	1	2	0
Case 85	7	100,674,978	100,686,356	1	0	1	0
Case 85	7	100,686,491	159,119,486	1	1	2	0
Case 85	8	164,984	43,791,691	1	1	2	0
Case 85	8	46,886,735	49,812,201	1	1	2	0
Case 85	8	49,816,187	54,203,739	2	1	3	0
Case 85	8	54,224,120	57,216,066	1	1	2	0
Case 85	8	57,218,190	73,890,425	2	1	3	0
Case 85	8	73,893,239	75,021,897	1	1	2	0
Case 85	8	75,024,816	95,461,946	2	1	3	0
Case 85	8	95,470,511	96,200,507	1	1	2	0
Case 85	8	96,202,284	101,533,868	2	1	3	0
Case 85	8	101,534,986	101,937,374	1	1	2	0
Case 85	8	101,937,455	146,293,414	2	1	3	0
Case 85	9	46,587	307,266	1	1	2	0
Case 85	9	311,966	953,280	1	0	1	0
Case 85	9	953,465	4,362,167	1	1	2	0
Case 85	9	4,362,624	7,030,268	1	0	1	0
Case 85	9	7,032,644	8,518,395	1	1	2	0
Case 85	9	8,520,287	8,845,598	1	0	1	0
Case 85	9	8,845,911	9,187,539	1	1	2	0
Case 85	9	9,188,865	12,092,895	1	0	1	0
Case 85	9	12,093,072	15,290,012	1	1	2	0
Case 85	9	15,290,174	15,823,667	1	0	1	0
Case 85	9	15,830,506	16,766,118	1	1	2	0
Case 85	9	16,768,707	17,524,038	1	0	1	0
Case 85	9	17,531,968	18,941,748	1	1	2	0
Case 85	9	18,941,775	19,479,536	1	0	1	0
Case 85	9	19,484,869	20,337,131	1	1	2	0
Case 85	9	20,341,702	27,792,965	1	0	1	0
Case 85	9	27,800,007	28,215,883	1	1	2	0
Case 85	9	28,216,153	31,405,730	1	0	1	0
Case 85	9	31,408,125	33,487,023	1	1	2	0
Case 85	9	33,506,670	34,256,347	1	0	1	0
Case 85	9	34,256,371	35,993,376	1	1	2	0
Case 85	9	35,994,554	36,709,347	1	0	1	0
Case 85	9	36,718,171	46,944,322	1	1	2	0
Case 85	9	65,629,772	74,414,358	1	1	2	0
Case 85	9	74,427,419	77,684,860	1	0	1	0
Case 85	9	77,684,899	79,469,096	1	1	2	0
Case 85	9	79,469,334	80,030,829	1	0	1	0
Case 85	9	80,031,144	83,759,957	1	1	2	0
Case 85	9	83,763,114	84,763,025	1	0	1	0
Case 85	9	84,765,612	90,503,563	1	1	2	0
Case 85	9	90,503,734	91,109,302	1	0	1	0
Case 85	9	91,109,498	95,041,636	1	1	2	0
Case 85	9	95,043,108	95,919,865	1	0	1	0
Case 85	9	95,930,334	99,007,634	1	1	2	0
Case 85	9	99,012,277	99,824,697	1	0	1	0
Case 85	9	99,832,156	99,946,041	1	1	2	0
Case 85	9	99,957,548	101,778,265	3	0	3	1
Case 85	9	101,778,272	103,340,628	2	0	2	1
Case 85	9	103,340,658	105,376,158	3	0	3	1
Case 85	9	105,376,813	105,955,511	2	0	2	1
Case 85	9	105,964,224	130,909,329	3	0	3	1
Case 85	9	130,910,687	132,840,968	2	0	2	1
Case 85	9	132,849,126	139,412,205	3	0	3	1
Case 85	9	139,412,256	141,066,491	2	0	2	1
Case 85	10	98,087	39,097,912	1	1	2	0
Case 85	10	42,436,301	73,846,743	1	1	2	0
Case 85	10	73,848,075	75,148,080	1	0	1	0

Case 85	10	75,148,090	135,477,883	1	1	2	0
Case 85	11	193,146	433,904	1	1	2	0
Case 85	11	434,095	1,015,021	1	0	1	0
Case 85	11	1,015,786	3,625,720	1	1	2	0
Case 85	11	3,626,177	3,900,133	1	0	1	0
Case 85	11	3,900,915	5,757,930	1	1	2	0
Case 85	11	5,758,002	5,969,073	2	1	3	0
Case 85	11	5,969,185	8,338,357	3	1	4	0
Case 85	11	8,339,628	10,510,272	2	1	3	0
Case 85	11	10,511,142	10,538,816	7	0	7	1
Case 85	11	10,540,331	10,558,777	1	1	2	0
Case 85	11	10,563,062	16,389,594	2	1	3	0
Case 85	11	16,394,068	24,816,638	3	1	4	0
Case 85	11	24,817,709	37,561,201	2	1	3	0
Case 85	11	37,564,368	50,381,750	1	1	2	0
Case 85	11	50,417,549	51,419,389	1	0	1	0
Case 85	11	51,440,610	51,591,253	1	1	2	0
Case 85	11	54,794,237	74,105,105	1	1	2	0
Case 85	11	74,109,166	76,922,359	2	1	3	0
Case 85	11	76,922,875	77,920,577	1	1	2	0
Case 85	11	77,920,657	87,748,710	2	1	3	0
Case 85	11	87,753,168	112,402,954	2	0	2	1
Case 85	11	112,417,074	113,149,642	2	1	3	0
Case 85	11	113,150,050	122,971,458	2	0	2	1
Case 85	11	122,975,915	134,934,063	2	1	3	0
Case 85	12	191,619	632,922	1	1	2	0
Case 85	12	634,632	1,601,024	1	0	1	0
Case 85	12	1,601,561	7,624,073	1	1	2	0
Case 85	12	7,630,833	10,742,415	1	0	1	0
Case 85	12	10,743,718	11,149,658	1	1	2	0
Case 85	12	11,149,667	11,600,320	1	0	1	0
Case 85	12	11,600,364	12,245,254	1	1	2	0
Case 85	12	12,247,594	12,829,914	1	0	1	0
Case 85	12	12,834,806	14,167,216	1	1	2	0
Case 85	12	14,170,627	14,770,729	1	0	1	0
Case 85	12	14,773,933	17,502,531	1	1	2	0
Case 85	12	17,502,985	20,226,881	1	0	1	0
Case 85	12	20,230,639	20,834,635	1	1	2	0
Case 85	12	20,839,851	22,287,841	1	0	1	0
Case 85	12	22,289,304	24,967,212	1	1	2	0
Case 85	12	24,967,470	25,699,523	1	0	1	0
Case 85	12	25,701,632	29,181,450	1	1	2	0
Case 85	12	29,185,316	29,661,363	1	0	1	0
Case 85	12	29,661,376	31,402,690	1	1	2	0
Case 85	12	31,406,809	32,935,752	1	0	1	0
Case 85	12	32,936,836	34,106,380	1	1	2	0
Case 85	12	34,117,408	34,294,699	2	0	2	1
Case 85	12	34,306,859	34,853,011	0	0	0	0
Case 85	12	37,876,400	38,708,937	0	0	0	0
Case 85	12	38,710,459	42,183,271	1	1	2	0
Case 85	12	42,183,432	43,064,657	1	0	1	0
Case 85	12	43,066,023	44,060,325	1	1	2	0
Case 85	12	44,064,020	46,339,033	1	0	1	0
Case 85	12	46,344,979	48,836,889	1	1	2	0
Case 85	12	48,838,993	51,631,016	1	0	1	0
Case 85	12	51,636,174	53,670,563	1	1	2	0
Case 85	12	53,671,005	54,030,586	1	0	1	0
Case 85	12	54,041,192	56,121,099	1	1	2	0
Case 85	12	56,124,332	57,257,244	1	0	1	0
Case 85	12	57,265,375	59,871,710	1	1	2	0
Case 85	12	59,888,294	62,996,061	1	0	1	0

Case 85	12	62,996,793	63,866,927	1	1	2	0
Case 85	12	63,870,969	65,026,115	1	0	1	0
Case 85	12	65,026,214	65,958,507	1	1	2	0
Case 85	12	65,962,636	66,913,729	1	0	1	0
Case 85	12	66,913,919	68,803,691	1	1	2	0
Case 85	12	68,804,230	70,003,859	1	0	1	0
Case 85	12	70,003,922	71,588,592	1	1	2	0
Case 85	12	71,589,246	72,219,336	1	0	1	0
Case 85	12	72,222,376	73,390,084	1	1	2	0
Case 85	12	73,392,439	74,290,543	1	0	1	0
Case 85	12	74,305,369	75,728,560	1	1	2	0
Case 85	12	75,728,612	133,810,935	2	0	2	1
Case 85	13	19,058,717	26,867,143	1	1	2	0
Case 85	13	26,884,520	32,791,621	2	1	3	0
Case 85	13	32,792,138	33,522,655	1	1	2	0
Case 85	13	33,524,448	45,222,314	2	1	3	0
Case 85	13	45,225,531	46,482,119	1	1	2	0
Case 85	13	46,482,949	95,757,439	2	1	3	0
Case 85	13	95,757,943	99,907,224	3	1	4	0
Case 85	13	99,907,240	101,458,691	1	1	2	0
Case 85	13	101,461,657	108,666,901	2	1	3	0
Case 85	13	108,667,994	109,627,586	1	1	2	0
Case 85	13	109,637,623	112,723,111	2	1	3	0
Case 85	13	112,729,543	115,103,529	1	1	2	0
Case 85	14	19,280,733	19,964,076	1	1	2	0
Case 85	14	20,213,937	20,723,695	1	0	1	0
Case 85	14	20,724,318	23,081,528	1	1	2	0
Case 85	14	23,081,926	23,519,131	1	0	1	0
Case 85	14	23,519,975	26,945,366	1	1	2	0
Case 85	14	26,959,322	30,029,252	1	0	1	0
Case 85	14	30,032,637	31,245,907	1	1	2	0
Case 85	14	31,245,933	32,332,377	1	0	1	0
Case 85	14	32,334,616	34,794,727	1	1	2	0
Case 85	14	34,797,315	36,531,323	1	0	1	0
Case 85	14	36,534,182	39,510,040	1	1	2	0
Case 85	14	39,512,070	46,079,277	1	0	1	0
Case 85	14	46,081,072	49,957,271	1	1	2	0
Case 85	14	49,957,353	51,197,147	1	0	1	0
Case 85	14	51,198,815	52,887,962	1	1	2	0
Case 85	14	52,888,789	53,529,754	1	0	1	0
Case 85	14	53,558,575	55,332,799	1	1	2	0
Case 85	14	55,343,879	56,137,504	1	0	1	0
Case 85	14	56,139,686	58,505,662	1	1	2	0
Case 85	14	58,507,598	59,108,427	1	0	1	0
Case 85	14	59,108,678	63,241,005	1	1	2	0
Case 85	14	63,246,495	65,055,892	1	0	1	0
Case 85	14	65,055,953	65,308,862	1	1	2	0
Case 85	14	65,310,367	68,159,269	1	0	1	0
Case 85	14	68,163,157	73,459,917	1	1	2	0
Case 85	14	73,459,927	76,199,701	1	0	1	0
Case 85	14	76,200,366	86,414,505	1	1	2	0
Case 85	14	86,415,702	87,558,815	1	0	1	0
Case 85	14	87,560,170	90,208,263	1	1	2	0
Case 85	14	90,209,466	92,666,291	1	0	1	0
Case 85	14	92,668,250	93,171,025	1	1	2	0
Case 85	14	93,171,033	94,087,775	1	0	1	0
Case 85	14	94,088,020	95,910,923	1	1	2	0
Case 85	14	95,911,060	96,124,517	1	0	1	0
Case 85	14	96,125,649	98,430,382	1	1	2	0
Case 85	14	98,430,427	107,287,663	2	0	2	1
Case 85	15	20,034,919	102,461,162	1	1	2	0

Case 85	16	88,165	352,736	1	1	2	0
Case 85	16	354,314	2,781,843	1	0	1	0
Case 85	16	2,785,158	3,165,900	1	1	2	0
Case 85	16	3,166,467	4,828,087	1	0	1	0
Case 85	16	4,828,473	7,131,614	1	1	2	0
Case 85	16	7,138,711	10,862,707	2	1	3	0
Case 85	16	10,863,414	13,323,620	1	1	2	0
Case 85	16	13,330,774	14,566,432	2	1	3	0
Case 85	16	14,576,672	34,416,833	1	1	2	0
Case 85	16	34,516,075	35,285,582	1	0	1	0
Case 85	16	46,450,037	47,684,830	1	0	1	0
Case 85	16	47,691,209	49,980,751	1	1	2	0
Case 85	16	49,984,353	50,450,040	1	0	1	0
Case 85	16	50,451,650	52,833,422	1	1	2	0
Case 85	16	52,840,949	53,884,113	1	0	1	0
Case 85	16	53,884,404	56,175,242	1	1	2	0
Case 85	16	56,178,062	57,921,902	1	0	1	0
Case 85	16	57,921,917	58,166,730	1	1	2	0
Case 85	16	58,167,510	60,582,514	1	0	1	0
Case 85	16	60,591,578	66,977,434	1	1	2	0
Case 85	16	66,977,896	68,248,607	1	0	1	0
Case 85	16	68,255,187	68,524,308	1	1	2	0
Case 85	16	68,536,105	70,560,603	1	0	1	0
Case 85	16	70,563,087	71,163,613	1	1	2	0
Case 85	16	71,171,142	72,035,359	1	0	1	0
Case 85	16	72,038,363	74,075,623	1	1	2	0
Case 85	16	74,076,647	76,354,827	1	0	1	0
Case 85	16	76,364,177	84,094,363	1	1	2	0
Case 85	16	84,094,417	84,230,500	1	0	1	0
Case 85	16	84,231,114	88,931,970	1	1	2	0
Case 85	16	88,932,012	89,838,111	1	0	1	0
Case 85	16	89,838,136	90,274,695	1	1	2	0
Case 85	17	11,885	62,526	1	1	2	0
Case 85	17	62,646	2,822,291	1	0	1	0
Case 85	17	2,825,538	2,939,981	1	1	2	0
Case 85	17	2,940,759	3,248,471	1	0	1	0
Case 85	17	3,269,345	3,966,243	1	1	2	0
Case 85	17	3,967,797	4,714,116	1	0	1	0
Case 85	17	4,714,215	4,946,325	1	1	2	0
Case 85	17	4,955,206	5,641,508	1	0	1	0
Case 85	17	5,645,968	8,046,753	1	1	2	0
Case 85	17	8,046,768	9,791,286	1	0	1	0
Case 85	17	9,791,375	10,161,919	1	1	2	0
Case 85	17	10,163,569	10,536,949	1	0	1	0
Case 85	17	10,539,089	12,997,946	1	1	2	0
Case 85	17	12,999,427	13,795,631	1	0	1	0
Case 85	17	13,798,629	15,609,802	1	1	2	0
Case 85	17	15,610,167	16,531,139	1	0	1	0
Case 85	17	16,537,207	18,916,330	1	1	2	0
Case 85	17	18,916,779	22,242,355	1	0	1	0
Case 85	17	25,268,142	25,750,970	1	0	1	0
Case 85	17	25,765,540	27,434,393	1	1	2	0
Case 85	17	27,436,606	31,094,760	1	0	1	0
Case 85	17	31,099,821	34,406,906	1	1	2	0
Case 85	17	34,414,914	34,443,811	2	1	3	0
Case 85	17	34,445,325	34,476,396	7	0	7	1
Case 85	17	34,597,521	36,195,934	1	0	1	0
Case 85	17	36,206,318	57,637,803	1	1	2	0
Case 85	17	57,638,015	59,022,395	1	0	1	0
Case 85	17	59,034,422	76,482,395	1	1	2	0
Case 85	17	76,484,948	78,051,447	2	1	3	0

Case 85	17	78,054,102	78,098,477	1	1	2	0
Case 85	17	78,098,490	78,184,601	1	0	1	0
Case 85	17	78,184,644	78,353,478	1	1	2	0
Case 85	17	78,354,661	79,970,157	2	1	3	0
Case 85	17	79,971,065	80,554,346	1	1	2	0
Case 85	17	80,559,167	81,060,040	2	1	3	0
Case 85	18	87,505	15,375,878	1	1	2	0
Case 85	18	18,520,354	56,219,590	1	1	2	0
Case 85	18	56,221,422	56,796,607	1	0	1	0
Case 85	18	56,798,344	59,711,310	1	1	2	0
Case 85	18	59,713,102	60,064,536	1	0	1	0
Case 85	18	60,065,821	60,878,629	1	1	2	0
Case 85	18	60,878,883	61,097,732	1	0	1	0
Case 85	18	61,100,693	62,547,228	1	1	2	0
Case 85	18	62,549,673	64,138,003	1	0	1	0
Case 85	18	64,142,167	65,256,094	1	1	2	0
Case 85	18	65,256,173	65,532,262	1	0	1	0
Case 85	18	65,537,177	68,735,006	1	1	2	0
Case 85	18	68,740,189	69,663,285	1	0	1	0
Case 85	18	69,665,299	70,436,479	1	1	2	0
Case 85	18	70,442,068	71,059,884	1	0	1	0
Case 85	18	71,061,875	78,015,180	1	1	2	0
Case 85	19	260,912	327,892	1	1	2	0
Case 85	19	327,920	3,009,220	1	0	1	0
Case 85	19	3,009,788	3,488,180	1	1	2	0
Case 85	19	3,488,287	5,915,026	1	0	1	0
Case 85	19	5,915,098	6,552,445	1	1	2	0
Case 85	19	6,555,363	11,819,193	1	0	1	0
Case 85	19	11,828,410	12,721,401	0	0	0	0
Case 85	19	12,721,600	12,726,769	1	1	2	0
Case 85	19	12,731,874	15,852,223	1	0	1	0
Case 85	19	15,852,242	16,025,176	1	1	2	0
Case 85	19	16,025,182	24,629,285	1	0	1	0
Case 85	19	27,732,159	28,319,922	1	0	1	0
Case 85	19	28,327,584	36,727,365	1	1	2	0
Case 85	19	36,731,424	38,380,778	1	0	1	0
Case 85	19	38,383,767	40,433,893	1	1	2	0
Case 85	19	40,440,064	40,720,381	1	0	1	0
Case 85	19	40,720,883	44,277,037	1	1	2	0
Case 85	19	44,278,508	44,833,855	1	0	1	0
Case 85	19	44,833,888	52,938,439	1	1	2	0
Case 85	19	52,941,073	53,669,492	1	0	1	0
Case 85	19	53,675,721	54,676,763	1	1	2	0
Case 85	19	54,677,167	54,722,700	2	1	3	0
Case 85	19	54,731,679	54,743,217	7	0	7	1
Case 85	19	54,749,011	58,018,773	1	1	2	0
Case 85	19	58,018,790	58,491,149	1	0	1	0
Case 85	19	58,491,461	58,992,029	1	1	2	0
Case 85	19	58,992,063	59,097,160	2	1	3	0
Case 85	20	63,244	13,280,042	1	1	2	0
Case 85	20	13,281,503	14,992,542	1	0	1	0
Case 85	20	14,995,343	15,143,806	2	0	2	1
Case 85	20	15,145,060	16,091,715	2	1	3	0
Case 85	20	16,092,616	16,554,546	1	1	2	0
Case 85	20	16,555,032	26,293,985	2	1	3	0
Case 85	20	29,425,357	31,890,184	2	1	3	0
Case 85	20	31,890,201	32,295,541	2	0	2	1
Case 85	20	32,295,568	34,505,054	1	1	2	0
Case 85	20	34,505,413	62,948,788	2	1	3	0
Case 85	21	10,827,533	10,971,337	1	1	2	0
Case 85	21	14,368,320	19,068,606	1	1	2	0

Case 85	21	19,070,558	20,607,065	2	1	3	0
Case 85	21	20,618,024	21,386,179	4	1	5	0
Case 85	21	21,386,251	24,976,138	1	0	1	0
Case 85	21	24,979,322	48,100,155	1	1	2	0
Case 85	22	16,114,244	17,493,792	1	1	2	0
Case 85	22	17,494,547	18,331,118	1	0	1	0
Case 85	22	18,337,880	19,188,971	1	1	2	0
Case 85	22	19,195,680	20,103,876	1	0	1	0
Case 85	22	20,103,915	21,353,328	1	1	2	0
Case 85	22	21,353,925	22,599,705	1	0	1	0
Case 85	22	22,599,764	30,244,719	1	1	2	0
Case 85	22	30,261,219	32,894,401	1	0	1	0
Case 85	22	32,894,453	35,893,156	1	1	2	0
Case 85	22	35,897,233	36,661,674	1	0	1	0
Case 85	22	36,661,691	38,199,950	1	1	2	0
Case 85	22	38,200,124	39,493,294	1	0	1	0
Case 85	22	39,496,336	40,452,119	1	1	2	0
Case 85	22	40,454,069	43,462,451	1	0	1	0
Case 85	22	43,464,416	46,541,227	1	1	2	0
Case 85	22	46,545,945	46,765,593	1	0	1	0
Case 85	22	46,765,995	50,211,295	1	1	2	0
Case 85	22	50,216,639	50,721,845	1	0	1	0
Case 85	22	50,722,049	51,195,728	1	1	2	0
Case 87	1	82,154	1,567,206	4	0	4	1
Case 87	1	1,572,310	1,572,310	3	0	3	1
Case 87	1	1,597,351	1,647,686	0	0	0	0
Case 87	1	1,663,831	1,663,944	2	0	2	1
Case 87	1	1,664,019	48,957,540	4	0	4	1
Case 87	1	48,959,912	49,527,451	3	0	3	1
Case 87	1	49,528,319	50,642,851	2	0	2	1
Case 87	1	50,644,891	50,945,526	3	0	3	1
Case 87	1	50,966,897	52,324,228	2	0	2	1
Case 87	1	52,336,137	52,521,798	3	0	3	1
Case 87	1	52,525,637	52,798,576	2	0	2	1
Case 87	1	52,803,503	52,902,540	3	0	3	1
Case 87	1	52,902,547	53,039,603	2	0	2	1
Case 87	1	53,045,440	53,185,631	3	0	3	1
Case 87	1	53,192,187	53,502,973	2	0	2	1
Case 87	1	53,503,282	55,223,536	3	0	3	1
Case 87	1	55,223,681	55,251,766	2	0	2	1
Case 87	1	55,252,514	55,521,109	3	0	3	1
Case 87	1	55,521,701	55,719,127	2	0	2	1
Case 87	1	55,719,166	56,099,371	3	0	3	1
Case 87	1	56,101,597	56,269,821	2	0	2	1
Case 87	1	56,279,686	57,042,954	3	0	3	1
Case 87	1	57,049,977	57,224,387	2	0	2	1
Case 87	1	57,231,991	58,111,045	3	0	3	1
Case 87	1	58,120,489	58,288,317	2	0	2	1
Case 87	1	58,292,621	58,946,647	3	0	3	1
Case 87	1	58,946,710	59,040,719	2	0	2	1
Case 87	1	59,041,092	59,114,438	3	0	3	1
Case 87	1	59,120,650	59,157,753	2	0	2	1
Case 87	1	59,162,148	59,283,572	3	0	3	1
Case 87	1	59,283,810	59,394,773	2	0	2	1
Case 87	1	59,395,523	60,224,206	3	0	3	1
Case 87	1	60,226,496	60,366,337	2	0	2	1
Case 87	1	60,366,386	60,383,417	3	0	3	1
Case 87	1	60,383,868	60,391,280	2	0	2	1
Case 87	1	60,391,946	60,505,480	3	0	3	1
Case 87	1	60,505,578	60,589,775	2	0	2	1
Case 87	1	60,594,980	61,554,627	3	0	3	1

Case 87	1	61,558,197	61,865,995	2	0	2	1
Case 87	1	61,869,118	62,101,673	3	0	3	1
Case 87	1	62,102,307	62,575,911	2	0	2	1
Case 87	1	62,577,750	62,898,142	3	0	3	1
Case 87	1	62,905,542	63,362,324	2	0	2	1
Case 87	1	63,363,624	63,578,064	3	0	3	1
Case 87	1	63,580,025	64,056,411	2	0	2	1
Case 87	1	64,059,266	65,772,315	3	0	3	1
Case 87	1	65,776,702	65,858,462	2	0	2	1
Case 87	1	65,861,798	66,048,389	3	0	3	1
Case 87	1	66,048,622	67,063,385	2	0	2	1
Case 87	1	67,066,555	67,208,622	3	0	3	1
Case 87	1	67,209,088	67,896,672	2	0	2	1
Case 87	1	67,908,644	68,338,248	3	0	3	1
Case 87	1	68,343,642	68,475,955	2	0	2	1
Case 87	1	68,480,671	68,703,843	3	0	3	1
Case 87	1	68,711,533	70,818,576	2	0	2	1
Case 87	1	70,819,679	70,883,840	3	0	3	1
Case 87	1	70,887,099	74,948,186	2	0	2	1
Case 87	1	74,954,900	75,038,747	3	0	3	1
Case 87	1	75,038,833	76,530,882	2	0	2	1
Case 87	1	76,534,883	76,782,834	3	0	3	1
Case 87	1	76,784,636	77,918,347	2	0	2	1
Case 87	1	77,924,890	78,024,602	3	0	3	1
Case 87	1	78,025,454	85,203,780	2	0	2	1
Case 87	1	85,205,632	85,551,538	3	0	3	1
Case 87	1	85,551,595	85,971,852	2	0	2	1
Case 87	1	85,972,024	86,121,096	3	0	3	1
Case 87	1	86,121,895	86,934,698	2	0	2	1
Case 87	1	86,934,908	86,974,115	3	0	3	1
Case 87	1	86,981,256	87,129,397	2	0	2	1
Case 87	1	87,156,469	87,381,454	3	0	3	1
Case 87	1	87,428,302	87,573,537	2	0	2	1
Case 87	1	87,576,481	87,798,013	3	0	3	1
Case 87	1	87,803,200	87,950,279	2	0	2	1
Case 87	1	87,954,542	88,209,341	3	0	3	1
Case 87	1	88,209,373	89,616,127	2	0	2	1
Case 87	1	89,616,171	89,728,008	3	0	3	1
Case 87	1	89,728,437	89,982,719	2	0	2	1
Case 87	1	89,983,184	90,465,140	3	0	3	1
Case 87	1	90,470,722	90,532,256	2	0	2	1
Case 87	1	90,532,766	90,835,677	3	0	3	1
Case 87	1	90,836,739	91,165,138	2	0	2	1
Case 87	1	91,169,965	91,364,568	3	0	3	1
Case 87	1	91,380,305	91,558,038	2	0	2	1
Case 87	1	91,558,057	91,658,920	3	0	3	1
Case 87	1	91,659,939	91,990,487	2	0	2	1
Case 87	1	91,999,640	92,358,371	3	0	3	1
Case 87	1	92,359,242	94,030,534	2	0	2	1
Case 87	1	94,032,862	94,224,065	3	0	3	1
Case 87	1	94,228,900	94,455,721	2	0	2	1
Case 87	1	94,458,421	94,611,300	3	0	3	1
Case 87	1	94,629,643	94,724,254	2	0	2	1
Case 87	1	94,729,088	94,794,245	3	0	3	1
Case 87	1	94,807,102	95,230,514	4	0	4	1
Case 87	1	95,232,272	95,609,563	3	0	3	1
Case 87	1	95,611,650	95,776,618	2	0	2	1
Case 87	1	95,776,788	96,118,307	3	0	3	1
Case 87	1	96,119,408	99,960,670	2	0	2	1
Case 87	1	99,963,251	100,145,443	3	0	3	1
Case 87	1	100,147,287	100,684,231	2	0	2	1

Case 87	1	100,693,294	100,991,834	3	0	3	1
Case 87	1	100,996,074	101,047,693	2	0	2	1
Case 87	1	101,048,203	101,194,687	3	0	3	1
Case 87	1	101,194,884	101,586,819	2	0	2	1
Case 87	1	101,588,361	101,843,149	3	0	3	1
Case 87	1	101,847,845	104,365,377	2	0	2	1
Case 87	1	104,375,470	104,480,469	3	2	5	0
Case 87	1	104,483,838	104,945,065	2	2	4	0
Case 87	1	104,957,563	109,154,667	3	2	5	0
Case 87	1	109,154,858	110,302,450	2	2	4	0
Case 87	1	110,305,188	112,093,989	3	2	5	0
Case 87	1	112,095,169	112,339,880	2	2	4	0
Case 87	1	112,342,509	114,920,097	3	2	5	0
Case 87	1	114,927,201	115,576,727	2	2	4	0
Case 87	1	115,577,127	116,534,789	3	2	5	0
Case 87	1	116,534,797	116,635,176	2	2	4	0
Case 87	1	116,645,757	117,826,699	3	2	5	0
Case 87	1	117,829,261	120,415,364	5	1	6	0
Case 87	1	120,418,844	120,418,844	3	1	4	0
Case 87	1	120,422,838	120,438,902	2	0	2	1
Case 87	1	120,455,095	121,346,616	3	2	5	0
Case 87	1	142,649,718	145,415,567	3	2	5	0
Case 87	1	145,415,669	148,937,908	4	2	6	0
Case 87	1	149,039,031	149,201,987	2	0	2	1
Case 87	1	149,660,940	149,922,042	3	2	5	0
Case 87	1	149,931,541	150,923,099	4	2	6	0
Case 87	1	150,923,100	151,150,857	3	2	5	0
Case 87	1	151,152,835	152,057,472	4	2	6	0
Case 87	1	152,057,793	152,286,638	3	2	5	0
Case 87	1	152,286,889	155,003,954	4	2	6	0
Case 87	1	155,004,049	166,445,116	3	2	5	0
Case 87	1	166,447,321	171,179,287	4	2	6	0
Case 87	1	171,179,477	171,509,327	5	2	7	0
Case 87	1	171,509,373	171,510,693	3	2	5	0
Case 87	1	171,510,707	174,781,083	4	2	6	0
Case 87	1	174,794,144	175,072,789	3	0	3	1
Case 87	1	175,083,411	175,852,209	4	0	4	1
Case 87	1	175,859,765	177,652,462	3	0	3	1
Case 87	1	177,656,039	177,986,454	4	0	4	1
Case 87	1	177,989,198	178,466,769	3	0	3	1
Case 87	1	178,476,061	178,605,501	4	0	4	1
Case 87	1	178,617,359	180,124,061	3	0	3	1
Case 87	1	180,124,667	180,570,408	4	0	4	1
Case 87	1	180,575,168	181,002,479	3	0	3	1
Case 87	1	181,002,768	182,443,489	4	0	4	1
Case 87	1	182,446,188	188,075,300	3	0	3	1
Case 87	1	188,081,057	188,624,613	5	0	5	1
Case 87	1	188,629,757	189,984,428	6	0	6	1
Case 87	1	189,997,930	190,650,449	4	0	4	1
Case 87	1	190,651,533	192,100,668	3	0	3	1
Case 87	1	192,105,432	194,032,486	4	0	4	1
Case 87	1	194,033,705	195,745,968	3	0	3	1
Case 87	1	195,747,936	195,826,738	5	0	5	1
Case 87	1	195,831,358	196,256,498	6	0	6	1
Case 87	1	196,281,802	197,912,389	5	0	5	1
Case 87	1	197,913,101	200,278,759	6	0	6	1
Case 87	1	200,285,178	205,211,155	5	0	5	1
Case 87	1	205,213,883	205,589,237	6	0	6	1
Case 87	1	205,589,455	208,535,774	5	0	5	1
Case 87	1	208,547,496	228,424,600	6	0	6	1
Case 87	1	228,427,193	228,520,973	5	0	5	1



Case 87	1	228,520,995	248,801,588	6	0	6	1
Case 87	1	248,802,243	249,218,992	5	0	5	1
Case 87	2	18,674	549,926	3	0	3	1
Case 87	2	553,264	57,470,700	4	0	4	1
Case 87	2	57,482,289	71,335,872	4	1	5	0
Case 87	2	71,337,111	71,654,175	3	1	4	0
Case 87	2	71,654,389	73,641,652	4	1	5	0
Case 87	2	73,646,411	73,828,493	4	0	4	1
Case 87	2	73,828,523	79,885,036	4	1	5	0
Case 87	2	79,885,936	79,925,969	4	0	4	1
Case 87	2	79,928,312	88,874,764	4	1	5	0
Case 87	2	88,874,891	92,081,640	3	1	4	0
Case 87	2	95,429,424	95,954,266	3	1	4	0
Case 87	2	95,954,294	104,004,791	4	1	5	0
Case 87	2	104,017,337	124,940,432	4	0	4	1
Case 87	2	124,946,945	127,424,849	3	0	3	1
Case 87	2	127,426,034	128,038,196	4	0	4	1
Case 87	2	128,038,202	129,020,968	3	0	3	1
Case 87	2	129,025,949	129,826,843	4	0	4	1
Case 87	2	129,830,093	133,269,261	3	0	3	1
Case 87	2	133,271,657	133,541,454	4	0	4	1
Case 87	2	133,541,575	136,624,264	3	0	3	1
Case 87	2	136,627,911	137,320,964	4	0	4	1
Case 87	2	137,321,430	159,564,276	3	0	3	1
Case 87	2	159,564,450	160,087,535	4	0	4	1
Case 87	2	160,088,793	168,814,408	3	0	3	1
Case 87	2	168,817,002	169,173,650	4	0	4	1
Case 87	2	169,174,367	171,240,663	3	0	3	1
Case 87	2	171,242,127	171,702,960	4	0	4	1
Case 87	2	171,708,100	172,943,351	3	0	3	1
Case 87	2	172,943,967	173,262,339	4	0	4	1
Case 87	2	173,267,081	174,251,944	3	0	3	1
Case 87	2	174,252,625	174,584,617	4	0	4	1
Case 87	2	174,590,064	176,728,443	3	0	3	1
Case 87	2	176,729,255	176,964,947	4	0	4	1
Case 87	2	176,965,086	179,319,391	5	0	5	1
Case 87	2	179,320,828	179,839,819	4	0	4	1
Case 87	2	179,839,833	185,638,875	5	0	5	1
Case 87	2	185,647,985	187,440,683	4	0	4	1
Case 87	2	187,441,142	190,559,712	5	0	5	1
Case 87	2	190,560,942	190,728,953	4	0	4	1
Case 87	2	190,731,832	196,545,314	5	0	5	1
Case 87	2	196,545,348	197,060,875	4	0	4	1
Case 87	2	197,063,250	197,435,931	5	0	5	1
Case 87	2	197,457,241	197,797,224	4	0	4	1
Case 87	2	197,799,124	198,352,722	5	0	5	1
Case 87	2	198,354,414	210,847,623	4	0	4	1
Case 87	2	210,849,283	210,964,379	3	2	5	0
Case 87	2	210,980,437	213,785,217	2	2	4	0
Case 87	2	213,788,877	216,484,582	3	2	5	0
Case 87	2	216,484,751	216,783,409	4	2	6	0
Case 87	2	216,783,829	222,087,055	3	2	5	0
Case 87	2	222,088,183	222,283,504	4	2	6	0
Case 87	2	222,283,514	223,954,609	3	2	5	0
Case 87	2	223,959,874	224,408,490	4	2	6	0
Case 87	2	224,408,554	225,279,474	3	2	5	0
Case 87	2	225,281,602	225,347,574	4	2	6	0
Case 87	2	225,347,713	226,319,552	3	2	5	0
Case 87	2	226,336,889	227,555,875	2	0	2	1
Case 87	2	227,556,383	227,872,995	3	0	3	1
Case 87	2	227,875,130	228,458,917	2	0	2	1

Case 87	2	228,460,244	228,677,694	3	0	3	1
Case 87	2	228,677,842	228,825,101	2	0	2	1
Case 87	2	228,838,054	229,031,147	3	0	3	1
Case 87	2	229,031,984	229,639,826	2	0	2	1
Case 87	2	229,641,638	230,211,434	3	0	3	1
Case 87	2	230,214,932	230,373,798	2	0	2	1
Case 87	2	230,376,066	230,554,795	3	0	3	1
Case 87	2	230,563,118	230,778,385	2	0	2	1
Case 87	2	230,787,061	231,282,791	3	0	3	1
Case 87	2	231,283,711	231,437,079	2	0	2	1
Case 87	2	231,440,375	231,913,056	3	0	3	1
Case 87	2	231,914,845	232,011,040	2	0	2	1
Case 87	2	232,028,424	233,632,766	3	0	3	1
Case 87	2	233,633,295	233,736,349	2	0	2	1
Case 87	2	233,741,053	234,581,834	3	0	3	1
Case 87	2	234,581,920	234,596,836	2	0	2	1
Case 87	2	234,597,087	238,678,616	3	0	3	1
Case 87	2	238,678,622	239,051,453	2	0	2	1
Case 87	2	239,051,536	241,382,083	3	0	3	1
Case 87	2	241,385,787	241,439,537	2	0	2	1
Case 87	2	241,439,955	241,531,174	3	0	3	1
Case 87	2	241,531,414	241,609,579	2	0	2	1
Case 87	2	241,623,894	241,824,647	3	0	3	1
Case 87	2	241,825,253	242,012,729	2	0	2	1
Case 87	2	242,012,759	242,651,459	3	0	3	1
Case 87	2	242,663,935	242,758,301	2	0	2	1
Case 87	2	242,763,542	243,048,760	3	0	3	1
Case 87	3	61,495	3,769,424	3	0	3	1
Case 87	3	3,769,493	3,925,023	4	0	4	1
Case 87	3	3,934,139	4,582,227	3	0	3	1
Case 87	3	4,583,026	5,135,111	4	0	4	1
Case 87	3	5,135,426	5,319,430	3	0	3	1
Case 87	3	5,327,270	5,493,089	4	0	4	1
Case 87	3	5,493,389	8,675,584	3	0	3	1
Case 87	3	8,675,778	8,788,336	4	0	4	1
Case 87	3	8,792,728	9,032,486	3	0	3	1
Case 87	3	9,034,145	9,299,830	4	0	4	1
Case 87	3	9,300,870	10,383,517	3	0	3	1
Case 87	3	10,383,996	12,272,199	4	0	4	1
Case 87	3	12,272,683	13,053,937	3	0	3	1
Case 87	3	13,055,576	13,357,986	4	0	4	1
Case 87	3	13,360,604	13,659,897	3	0	3	1
Case 87	3	13,660,463	14,967,590	4	0	4	1
Case 87	3	14,967,622	15,292,741	3	0	3	1
Case 87	3	15,295,364	15,595,293	4	0	4	1
Case 87	3	15,595,808	16,052,206	3	0	3	1
Case 87	3	16,068,354	16,239,063	4	0	4	1
Case 87	3	16,242,101	23,545,630	3	0	3	1
Case 87	3	23,549,075	23,921,062	4	0	4	1
Case 87	3	23,921,114	25,460,596	3	0	3	1
Case 87	3	25,461,807	25,633,685	4	0	4	1
Case 87	3	25,635,127	31,008,073	3	0	3	1
Case 87	3	31,008,319	31,541,869	4	0	4	1
Case 87	3	31,549,953	31,701,082	3	0	3	1
Case 87	3	31,702,921	31,955,806	4	0	4	1
Case 87	3	31,956,117	37,458,998	3	0	3	1
Case 87	3	37,459,028	38,365,841	4	0	4	1
Case 87	3	38,370,556	39,137,278	3	0	3	1
Case 87	3	39,138,840	39,334,720	4	0	4	1
Case 87	3	39,335,450	42,109,009	3	0	3	1
Case 87	3	42,110,843	42,306,446	4	0	4	1

Case 87	3	42,311,428	44,948,491	3	0	3	1
Case 87	3	44,948,518	45,395,685	4	0	4	1
Case 87	3	45,397,986	49,760,879	3	0	3	1
Case 87	3	49,761,081	50,085,153	4	0	4	1
Case 87	3	50,085,708	50,378,628	5	0	5	1
Case 87	3	50,379,081	50,549,867	4	0	4	1
Case 87	3	50,568,412	52,817,256	3	0	3	1
Case 87	3	52,817,327	53,844,063	4	0	4	1
Case 87	3	53,844,069	54,053,981	3	0	3	1
Case 87	3	54,063,193	54,173,568	4	0	4	1
Case 87	3	54,178,199	57,006,140	3	0	3	1
Case 87	3	57,009,097	57,142,094	4	0	4	1
Case 87	3	57,143,567	57,908,707	3	0	3	1
Case 87	3	57,913,714	58,209,423	4	0	4	1
Case 87	3	58,211,083	58,558,769	3	0	3	1
Case 87	3	58,560,043	58,631,270	4	0	4	1
Case 87	3	58,631,321	59,097,593	3	0	3	1
Case 87	3	59,112,888	59,650,162	4	0	4	1
Case 87	3	59,658,825	60,288,428	3	0	3	1
Case 87	3	60,289,842	60,511,133	0	0	0	0
Case 87	3	60,512,505	60,512,505	2	0	2	1
Case 87	3	60,512,522	60,572,073	1	0	1	0
Case 87	3	60,573,681	61,429,785	3	0	3	1
Case 87	3	61,432,694	61,959,582	4	0	4	1
Case 87	3	61,960,632	63,981,419	3	0	3	1
Case 87	3	63,981,424	64,121,290	4	0	4	1
Case 87	3	64,123,647	64,177,029	3	0	3	1
Case 87	3	64,184,343	64,587,656	4	0	4	1
Case 87	3	64,587,688	65,276,107	3	0	3	1
Case 87	3	65,279,590	65,415,516	4	0	4	1
Case 87	3	65,415,540	65,652,762	3	0	3	1
Case 87	3	65,658,302	66,852,927	4	0	4	1
Case 87	3	66,854,987	71,403,136	3	0	3	1
Case 87	3	71,408,319	72,747,253	4	0	4	1
Case 87	3	72,766,902	81,346,834	3	0	3	1
Case 87	3	81,348,262	81,586,077	4	0	4	1
Case 87	3	81,586,439	83,512,237	3	0	3	1
Case 87	3	83,518,228	83,645,386	4	0	4	1
Case 87	3	83,651,289	86,629,088	3	0	3	1
Case 87	3	86,630,845	90,442,925	4	0	4	1
Case 87	3	93,537,290	96,885,697	4	0	4	1
Case 87	3	96,900,587	98,988,161	3	0	3	1
Case 87	3	99,003,734	100,354,683	4	0	4	1
Case 87	3	100,357,671	103,335,339	3	0	3	1
Case 87	3	103,345,439	107,049,360	4	0	4	1
Case 87	3	107,050,997	121,285,031	3	0	3	1
Case 87	3	121,288,890	121,356,079	4	0	4	1
Case 87	3	121,366,216	123,095,312	3	0	3	1
Case 87	3	123,095,943	123,452,711	4	0	4	1
Case 87	3	123,452,836	127,415,047	3	0	3	1
Case 87	3	127,416,473	127,568,933	4	0	4	1
Case 87	3	127,577,789	127,977,978	3	0	3	1
Case 87	3	127,981,001	128,243,631	4	0	4	1
Case 87	3	128,245,696	131,663,289	3	0	3	1
Case 87	3	131,663,987	131,797,500	4	0	4	1
Case 87	3	131,797,662	132,969,490	3	0	3	1
Case 87	3	132,978,969	140,178,381	4	0	4	1
Case 87	3	140,178,410	148,615,695	3	0	3	1
Case 87	3	148,624,027	164,588,702	4	0	4	1
Case 87	3	164,589,184	164,871,580	3	0	3	1
Case 87	3	164,876,267	180,321,090	4	0	4	1

Case 87	3	180,321,862	180,359,860	3	0	3	1
Case 87	3	180,359,874	197,838,262	4	0	4	1
Case 87	4	71,566	492,129	3	0	3	1
Case 87	4	493,147	13,193,295	2	2	4	0
Case 87	4	13,201,728	16,261,094	6	1	7	0
Case 87	4	16,268,263	16,922,182	3	2	5	0
Case 87	4	16,927,427	17,178,058	4	2	6	0
Case 87	4	17,181,579	18,207,538	3	2	5	0
Case 87	4	18,208,997	19,428,544	4	2	6	0
Case 87	4	19,445,650	19,751,585	3	2	5	0
Case 87	4	19,753,174	20,251,117	4	2	6	0
Case 87	4	20,254,298	22,425,846	3	2	5	0
Case 87	4	22,425,893	31,525,698	4	2	6	0
Case 87	4	31,531,497	32,174,131	2	0	2	1
Case 87	4	32,186,096	32,745,997	3	2	5	0
Case 87	4	32,749,519	33,883,366	5	2	7	0
Case 87	4	33,910,151	34,356,554	3	2	5	0
Case 87	4	34,370,370	34,831,143	2	2	4	0
Case 87	4	34,841,364	35,673,557	3	2	5	0
Case 87	4	35,676,909	36,573,898	4	2	6	0
Case 87	4	36,583,469	36,583,469	3	2	5	0
Case 87	4	36,597,275	40,391,816	2	2	4	0
Case 87	4	40,393,828	41,977,766	3	2	5	0
Case 87	4	41,983,841	42,256,594	2	2	4	0
Case 87	4	42,265,464	45,139,673	6	1	7	0
Case 87	4	45,164,637	45,956,780	5	2	7	0
Case 87	4	45,956,988	45,995,759	3	2	5	0
Case 87	4	46,025,913	47,347,289	4	2	6	0
Case 87	4	47,350,872	47,356,566	5	1	6	0
Case 87	4	47,359,371	49,061,141	6	1	7	0
Case 87	4	49,061,848	49,620,898	7	0	7	1
Case 87	4	52,697,856	59,180,928	7	0	7	1
Case 87	4	59,211,129	59,378,549	0	0	0	0
Case 87	4	59,388,759	67,234,740	2	0	2	1
Case 87	4	67,236,121	67,242,685	3	2	5	0
Case 87	4	67,253,757	68,436,883	2	0	2	1
Case 87	4	68,441,091	69,283,448	3	2	5	0
Case 87	4	69,337,325	71,165,491	2	0	2	1
Case 87	4	71,165,706	71,555,361	3	0	3	1
Case 87	4	71,555,595	71,917,988	2	0	2	1
Case 87	4	71,926,314	74,310,754	3	2	5	0
Case 87	4	74,310,768	74,447,930	2	2	4	0
Case 87	4	74,451,031	74,718,101	3	2	5	0
Case 87	4	74,718,941	75,067,842	4	2	6	0
Case 87	4	75,082,112	75,851,372	2	0	2	1
Case 87	4	75,857,836	75,899,133	3	2	5	0
Case 87	4	75,911,362	76,809,385	4	2	6	0
Case 87	4	76,809,396	76,878,716	3	0	3	1
Case 87	4	76,878,836	77,409,795	2	0	2	1
Case 87	4	77,410,318	77,961,377	3	0	3	1
Case 87	4	77,969,298	78,087,306	2	0	2	1
Case 87	4	78,098,806	78,562,573	3	0	3	1
Case 87	4	78,573,559	79,081,466	2	0	2	1
Case 87	4	79,083,490	79,460,455	3	0	3	1
Case 87	4	79,461,844	81,103,562	2	0	2	1
Case 87	4	81,104,548	81,192,363	3	0	3	1
Case 87	4	81,196,107	82,324,877	2	0	2	1
Case 87	4	82,325,636	82,843,970	3	0	3	1
Case 87	4	82,862,484	83,347,225	2	0	2	1
Case 87	4	83,347,711	83,740,718	3	0	3	1
Case 87	4	83,748,617	84,372,998	2	0	2	1

Case 87	4	84,374,480	84,580,859	3	0	3	1
Case 87	4	84,584,157	85,006,975	2	0	2	1
Case 87	4	85,007,150	85,024,046	3	2	5	0
Case 87	4	85,029,546	87,041,318	4	2	6	0
Case 87	4	87,054,813	87,749,297	2	0	2	1
Case 87	4	87,749,312	88,088,507	3	0	3	1
Case 87	4	88,091,339	88,411,950	2	0	2	1
Case 87	4	88,412,806	88,665,977	3	0	3	1
Case 87	4	88,665,994	88,728,904	2	0	2	1
Case 87	4	88,732,573	88,821,873	3	0	3	1
Case 87	4	88,823,410	89,071,025	2	0	2	1
Case 87	4	89,071,104	89,139,002	3	0	3	1
Case 87	4	89,139,275	89,441,779	2	0	2	1
Case 87	4	89,442,790	89,684,640	3	0	3	1
Case 87	4	89,693,098	90,170,170	2	0	2	1
Case 87	4	90,170,393	90,374,397	3	0	3	1
Case 87	4	90,375,951	91,926,462	2	0	2	1
Case 87	4	91,927,272	91,952,313	1	0	1	0
Case 87	4	91,954,105	96,759,448	2	0	2	1
Case 87	4	96,760,489	96,762,427	3	0	3	1
Case 87	4	96,762,459	99,363,185	2	0	2	1
Case 87	4	99,364,621	99,707,614	3	0	3	1
Case 87	4	99,708,057	103,232,168	2	0	2	1
Case 87	4	103,243,101	103,560,963	3	0	3	1
Case 87	4	103,575,067	108,557,559	2	0	2	1
Case 87	4	108,562,555	109,465,726	3	0	3	1
Case 87	4	109,474,255	110,211,727	2	0	2	1
Case 87	4	110,216,053	110,384,735	3	0	3	1
Case 87	4	110,388,034	110,940,045	2	0	2	1
Case 87	4	110,945,256	111,191,861	3	0	3	1
Case 87	4	111,195,127	113,248,536	2	0	2	1
Case 87	4	113,251,247	113,354,150	3	0	3	1
Case 87	4	113,356,306	113,685,804	2	0	2	1
Case 87	4	113,698,005	113,973,952	3	0	3	1
Case 87	4	113,976,831	114,274,329	2	0	2	1
Case 87	4	114,274,518	114,318,689	3	0	3	1
Case 87	4	114,329,115	115,381,844	2	0	2	1
Case 87	4	115,385,540	115,565,659	3	0	3	1
Case 87	4	115,566,754	119,865,067	2	0	2	1
Case 87	4	119,867,342	119,956,411	3	0	3	1
Case 87	4	119,962,741	123,368,516	2	0	2	1
Case 87	4	123,370,387	123,581,235	3	0	3	1
Case 87	4	123,582,426	126,366,934	2	0	2	1
Case 87	4	126,367,479	126,373,858	3	0	3	1
Case 87	4	126,376,877	129,214,377	2	0	2	1
Case 87	4	129,217,267	129,315,804	3	0	3	1
Case 87	4	129,336,928	131,459,940	4	0	4	1
Case 87	4	131,468,686	132,024,484	3	0	3	1
Case 87	4	132,031,397	133,517,802	2	2	4	0
Case 87	4	133,519,291	133,961,722	3	2	5	0
Case 87	4	133,981,517	135,798,890	2	2	4	0
Case 87	4	135,803,220	137,634,247	3	2	5	0
Case 87	4	137,634,874	137,745,250	2	2	4	0
Case 87	4	137,746,765	138,366,488	3	2	5	0
Case 87	4	138,367,052	138,506,420	2	2	4	0
Case 87	4	138,511,228	143,414,537	3	2	5	0
Case 87	4	143,418,354	144,480,013	2	2	4	0
Case 87	4	144,480,231	147,412,986	3	2	5	0
Case 87	4	147,414,147	149,562,638	2	2	4	0
Case 87	4	149,570,069	151,199,080	3	2	5	0
Case 87	4	151,199,155	152,640,633	2	2	4	0

Case 87	4	152,650,882	153,669,008	3	2	5	0
Case 87	4	153,669,404	153,897,004	2	2	4	0
Case 87	4	153,897,024	154,455,240	3	2	5	0
Case 87	4	154,460,415	154,703,596	2	2	4	0
Case 87	4	154,706,016	155,085,018	3	2	5	0
Case 87	4	155,099,604	155,270,460	2	2	4	0
Case 87	4	155,273,743	156,138,372	3	2	5	0
Case 87	4	156,139,467	157,086,546	2	2	4	0
Case 87	4	157,089,145	157,816,206	3	2	5	0
Case 87	4	157,818,132	158,715,149	2	2	4	0
Case 87	4	158,715,453	159,538,299	3	2	5	0
Case 87	4	159,538,340	159,790,159	2	2	4	0
Case 87	4	159,790,198	160,719,567	3	2	5	0
Case 87	4	160,736,225	161,149,134	2	2	4	0
Case 87	4	161,149,981	161,689,479	3	2	5	0
Case 87	4	161,698,345	161,795,832	2	2	4	0
Case 87	4	161,799,400	161,875,145	3	0	3	1
Case 87	4	161,878,326	162,324,909	3	2	5	0
Case 87	4	162,327,265	162,927,440	2	2	4	0
Case 87	4	162,930,214	167,644,235	3	2	5	0
Case 87	4	167,644,949	168,131,137	2	2	4	0
Case 87	4	168,131,448	169,141,828	3	2	5	0
Case 87	4	169,141,843	169,432,951	2	2	4	0
Case 87	4	169,433,020	170,013,910	3	2	5	0
Case 87	4	170,014,786	170,740,266	2	2	4	0
Case 87	4	170,754,412	172,338,748	3	2	5	0
Case 87	4	172,347,176	173,418,304	2	2	4	0
Case 87	4	173,423,366	183,655,548	2	1	3	0
Case 87	4	183,655,636	183,696,295	3	1	4	0
Case 87	4	183,707,781	183,934,142	2	1	3	0
Case 87	4	183,935,289	184,190,300	2	0	2	1
Case 87	4	184,192,037	184,232,252	1	0	1	0
Case 87	4	184,233,502	184,362,046	2	0	2	1
Case 87	4	184,362,068	184,639,740	1	0	1	0
Case 87	4	184,641,445	185,400,748	2	0	2	1
Case 87	4	185,406,285	185,412,322	1	0	1	0
Case 87	4	185,424,289	186,467,810	2	1	3	0
Case 87	4	186,468,992	186,515,050	2	0	2	1
Case 87	4	186,518,902	186,537,232	1	0	1	0
Case 87	4	186,540,503	186,642,895	2	0	2	1
Case 87	4	186,644,607	186,796,912	1	0	1	0
Case 87	4	186,799,239	187,005,049	2	0	2	1
Case 87	4	187,005,064	187,084,086	1	0	1	0
Case 87	4	187,084,634	187,539,205	2	0	2	1
Case 87	4	187,539,216	187,542,152	3	0	3	1
Case 87	4	187,542,201	187,754,871	2	0	2	1
Case 87	4	187,756,317	187,817,303	1	0	1	0
Case 87	4	187,818,100	187,903,476	2	0	2	1
Case 87	4	187,906,366	187,946,831	1	0	1	0
Case 87	4	187,949,161	188,294,980	2	0	2	1
Case 87	4	188,295,836	188,406,503	1	0	1	0
Case 87	4	188,411,479	188,645,813	2	0	2	1
Case 87	4	188,646,845	188,894,402	1	0	1	0
Case 87	4	188,898,937	189,402,769	2	0	2	1
Case 87	4	189,404,004	189,430,792	1	0	1	0
Case 87	4	189,433,290	189,541,446	2	0	2	1
Case 87	4	189,542,277	190,008,681	1	0	1	0
Case 87	4	190,010,270	190,065,197	2	0	2	1
Case 87	4	190,066,616	190,151,383	1	0	1	0
Case 87	4	190,158,729	190,872,778	2	0	2	1
Case 87	4	190,876,192	190,963,766	3	0	3	1

Case 87	5	38,139	886,744	2	2	4	0
Case 87	5	891,839	1,200,573	3	2	5	0
Case 87	5	1,200,882	1,550,942	2	2	4	0
Case 87	5	1,552,714	5,418,792	3	2	5	0
Case 87	5	5,419,547	5,539,266	2	2	4	0
Case 87	5	5,546,157	7,867,115	3	2	5	0
Case 87	5	7,867,353	7,919,212	2	2	4	0
Case 87	5	7,920,843	10,226,839	3	2	5	0
Case 87	5	10,227,548	10,450,146	2	2	4	0
Case 87	5	10,451,154	12,543,792	3	2	5	0
Case 87	5	12,550,857	12,566,885	2	2	4	0
Case 87	5	12,572,670	13,545,172	6	1	7	0
Case 87	5	13,572,053	13,931,340	3	2	5	0
Case 87	5	13,933,125	14,116,396	4	2	6	0
Case 87	5	14,116,980	16,820,769	3	2	5	0
Case 87	5	16,834,274	17,415,197	3	0	3	1
Case 87	5	17,418,256	31,061,575	2	0	2	1
Case 87	5	31,063,153	32,327,326	3	0	3	1
Case 87	5	32,331,324	32,462,753	2	0	2	1
Case 87	5	32,462,868	32,991,719	3	0	3	1
Case 87	5	33,003,280	33,497,319	2	0	2	1
Case 87	5	33,500,988	34,166,261	3	0	3	1
Case 87	5	34,180,455	34,558,730	3	2	5	0
Case 87	5	34,559,175	34,753,340	4	2	6	0
Case 87	5	34,754,248	36,398,377	3	2	5	0
Case 87	5	36,400,787	36,703,653	4	2	6	0
Case 87	5	36,709,244	37,182,862	3	2	5	0
Case 87	5	37,182,902	38,946,608	5	1	6	0
Case 87	5	38,950,028	38,952,459	3	1	4	0
Case 87	5	38,952,527	42,019,110	2	2	4	0
Case 87	5	42,038,122	42,800,967	2	0	2	1
Case 87	5	42,801,028	43,280,480	3	0	3	1
Case 87	5	43,280,482	45,988,948	2	0	2	1
Case 87	5	45,996,902	46,399,093	1	0	1	0
Case 87	5	49,457,282	49,522,346	1	0	1	0
Case 87	5	49,564,798	58,511,501	3	0	3	1
Case 87	5	58,515,481	60,238,590	2	0	2	1
Case 87	5	60,241,826	60,858,543	3	0	3	1
Case 87	5	60,859,416	61,165,960	4	0	4	1
Case 87	5	61,171,312	61,967,808	3	0	3	1
Case 87	5	61,977,629	62,094,462	5	0	5	1
Case 87	5	62,101,475	66,280,426	3	0	3	1
Case 87	5	66,284,699	66,460,352	2	0	2	1
Case 87	5	66,460,390	66,663,691	3	0	3	1
Case 87	5	66,670,452	67,432,791	2	0	2	1
Case 87	5	67,432,828	68,335,741	3	0	3	1
Case 87	5	68,337,426	68,715,249	2	0	2	1
Case 87	5	68,715,310	70,308,554	3	0	3	1
Case 87	5	70,704,077	70,860,663	2	0	2	1
Case 87	5	70,862,059	71,908,620	3	0	3	1
Case 87	5	71,914,988	72,408,246	2	0	2	1
Case 87	5	72,408,589	72,861,455	3	0	3	1
Case 87	5	72,862,289	73,099,158	2	0	2	1
Case 87	5	73,104,710	73,135,485	3	0	3	1
Case 87	5	73,136,428	73,215,282	2	0	2	1
Case 87	5	73,215,462	73,981,299	3	0	3	1
Case 87	5	73,982,965	74,169,045	2	0	2	1
Case 87	5	74,172,468	74,371,635	3	0	3	1
Case 87	5	74,376,571	75,008,702	2	0	2	1
Case 87	5	75,014,916	75,866,423	3	0	3	1
Case 87	5	75,869,228	75,913,366	2	0	2	1

Case 87	5	75,913,784	75,962,386	3	0	3	1
Case 87	5	75,963,210	76,004,933	2	0	2	1
Case 87	5	76,006,172	76,232,818	3	0	3	1
Case 87	5	76,233,170	76,349,814	2	0	2	1
Case 87	5	76,349,847	76,736,742	3	0	3	1
Case 87	5	76,736,793	76,789,265	2	0	2	1
Case 87	5	76,803,523	77,290,512	3	0	3	1
Case 87	5	77,290,902	77,784,438	2	0	2	1
Case 87	5	77,784,542	78,593,897	3	0	3	1
Case 87	5	78,595,988	78,641,327	4	0	4	1
Case 87	5	78,660,354	79,017,377	2	0	2	1
Case 87	5	79,024,734	79,027,494	3	0	3	1
Case 87	5	79,027,605	79,033,391	2	0	2	1
Case 87	5	79,033,460	79,160,486	3	0	3	1
Case 87	5	79,161,503	79,329,756	2	0	2	1
Case 87	5	79,330,559	79,549,684	3	0	3	1
Case 87	5	79,564,658	79,852,478	2	0	2	1
Case 87	5	79,854,441	79,957,737	3	0	3	1
Case 87	5	79,957,835	80,203,678	2	0	2	1
Case 87	5	80,206,473	80,655,266	3	0	3	1
Case 87	5	80,655,709	80,876,359	2	0	2	1
Case 87	5	80,883,110	81,056,637	1	0	1	0
Case 87	5	81,057,282	81,260,121	2	0	2	1
Case 87	5	81,264,006	81,608,444	1	0	1	0
Case 87	5	81,608,503	81,674,497	2	0	2	1
Case 87	5	81,679,759	81,939,371	1	0	1	0
Case 87	5	81,944,343	81,979,166	2	0	2	1
Case 87	5	81,983,638	82,068,106	1	0	1	0
Case 87	5	82,070,143	82,171,190	2	0	2	1
Case 87	5	82,171,406	82,815,252	1	0	1	0
Case 87	5	82,815,317	82,826,483	2	0	2	1
Case 87	5	82,826,722	82,833,465	1	0	1	0
Case 87	5	82,833,584	82,858,828	2	0	2	1
Case 87	5	82,859,485	87,493,525	1	0	1	0
Case 87	5	87,495,504	87,596,675	2	0	2	1
Case 87	5	87,663,610	89,979,980	1	0	1	0
Case 87	5	89,981,611	89,990,447	2	0	2	1
Case 87	5	89,994,983	90,388,305	1	0	1	0
Case 87	5	90,398,074	90,493,653	2	0	2	1
Case 87	5	90,494,075	93,713,546	1	0	1	0
Case 87	5	93,722,004	93,751,943	2	0	2	1
Case 87	5	93,753,017	94,743,198	1	0	1	0
Case 87	5	94,744,042	94,772,572	2	0	2	1
Case 87	5	94,772,576	95,122,000	1	0	1	0
Case 87	5	95,124,328	95,234,350	2	0	2	1
Case 87	5	95,234,485	95,709,132	1	0	1	0
Case 87	5	95,715,456	96,094,694	2	0	2	1
Case 87	5	96,094,973	96,119,739	1	0	1	0
Case 87	5	96,119,785	96,174,929	2	0	2	1
Case 87	5	96,175,043	96,375,671	1	0	1	0
Case 87	5	96,379,169	96,478,219	2	0	2	1
Case 87	5	96,481,475	97,402,967	1	0	1	0
Case 87	5	97,406,001	97,492,717	2	0	2	1
Case 87	5	97,497,429	99,342,047	1	0	1	0
Case 87	5	99,346,521	99,434,080	2	0	2	1
Case 87	5	99,451,233	106,690,481	1	0	1	0
Case 87	5	106,697,023	106,734,026	2	0	2	1
Case 87	5	106,736,357	107,195,824	1	0	1	0
Case 87	5	107,196,976	107,220,280	2	0	2	1
Case 87	5	107,222,076	108,521,910	1	0	1	0
Case 87	5	108,521,939	108,664,929	2	0	2	1



Case 87	5	108,670,421	108,932,563	1	0	1	0
Case 87	5	108,937,292	109,049,221	2	0	2	1
Case 87	5	109,049,233	110,853,126	1	0	1	0
Case 87	5	110,855,952	110,925,663	2	0	2	1
Case 87	5	110,930,883	111,444,522	1	0	1	0
Case 87	5	111,445,356	111,544,856	2	0	2	1
Case 87	5	111,545,048	111,699,317	1	0	1	0
Case 87	5	111,701,910	111,820,871	2	0	2	1
Case 87	5	111,822,058	111,848,890	1	0	1	0
Case 87	5	111,870,042	112,007,180	2	0	2	1
Case 87	5	112,008,440	112,175,240	1	0	1	0
Case 87	5	112,175,363	112,824,045	2	0	2	1
Case 87	5	112,825,032	112,979,910	1	0	1	0
Case 87	5	112,981,528	113,044,903	2	0	2	1
Case 87	5	113,053,253	113,342,732	1	0	1	0
Case 87	5	113,343,004	113,489,499	2	0	2	1
Case 87	5	113,503,422	114,279,914	1	0	1	0
Case 87	5	114,283,042	114,434,126	2	0	2	1
Case 87	5	114,451,513	114,700,699	1	0	1	0
Case 87	5	114,702,503	114,819,995	2	0	2	1
Case 87	5	114,821,140	115,238,589	1	0	1	0
Case 87	5	115,242,142	115,336,215	2	0	2	1
Case 87	5	115,336,353	115,693,166	1	0	1	0
Case 87	5	115,695,077	115,961,967	2	0	2	1
Case 87	5	115,966,256	117,011,725	1	0	1	0
Case 87	5	117,012,266	117,225,247	2	0	2	1
Case 87	5	117,227,611	117,772,695	1	0	1	0
Case 87	5	117,783,134	117,976,258	2	0	2	1
Case 87	5	117,981,154	118,589,485	1	0	1	0
Case 87	5	118,597,487	118,728,816	2	0	2	1
Case 87	5	118,729,068	118,963,199	1	0	1	0
Case 87	5	118,964,509	118,996,115	2	0	2	1
Case 87	5	119,002,347	120,020,074	1	0	1	0
Case 87	5	120,021,817	120,022,105	2	1	3	0
Case 87	5	120,022,309	120,123,994	1	0	1	0
Case 87	5	120,140,600	120,198,311	2	0	2	1
Case 87	5	120,207,152	121,186,463	1	0	1	0
Case 87	5	121,188,004	121,212,154	2	0	2	1
Case 87	5	121,212,760	121,487,765	1	0	1	0
Case 87	5	121,487,789	121,907,730	2	0	2	1
Case 87	5	121,907,799	121,990,722	1	0	1	0
Case 87	5	121,991,807	122,109,923	2	0	2	1
Case 87	5	122,132,725	122,402,675	1	0	1	0
Case 87	5	122,405,090	122,614,010	2	0	2	1
Case 87	5	122,617,574	123,594,293	1	0	1	0
Case 87	5	123,596,603	123,914,126	2	0	2	1
Case 87	5	123,915,337	123,962,891	1	0	1	0
Case 87	5	123,964,252	124,217,262	2	0	2	1
Case 87	5	124,222,305	124,378,785	1	0	1	0
Case 87	5	124,386,991	124,491,386	2	0	2	1
Case 87	5	124,491,958	124,875,058	1	0	1	0
Case 87	5	124,877,035	124,914,520	2	0	2	1
Case 87	5	124,916,977	125,696,118	1	0	1	0
Case 87	5	125,696,124	125,845,095	2	0	2	1
Case 87	5	125,859,181	125,886,071	1	0	1	0
Case 87	5	125,887,496	126,446,364	2	0	2	1
Case 87	5	126,449,259	126,619,008	1	0	1	0
Case 87	5	126,625,548	126,860,426	2	0	2	1
Case 87	5	126,860,492	127,557,814	1	0	1	0
Case 87	5	127,562,880	127,692,991	2	0	2	1
Case 87	5	127,694,805	127,850,855	1	0	1	0

Case 87	5	127,856,474	127,932,658	2	0	2	1
Case 87	5	127,962,504	128,291,364	1	0	1	0
Case 87	5	128,298,437	128,302,288	2	0	2	1
Case 87	5	128,302,850	131,296,236	1	0	1	0
Case 87	5	131,302,110	131,911,535	2	0	2	1
Case 87	5	131,915,022	131,970,885	1	0	1	0
Case 87	5	131,972,872	132,009,785	2	0	2	1
Case 87	5	132,009,787	132,069,739	1	0	1	0
Case 87	5	132,070,103	133,482,348	2	0	2	1
Case 87	5	133,486,263	133,702,282	1	0	1	0
Case 87	5	133,702,856	133,930,528	2	0	2	1
Case 87	5	133,942,478	134,199,105	1	0	1	0
Case 87	5	134,210,597	134,406,317	2	0	2	1
Case 87	5	134,431,163	137,179,924	4	0	4	1
Case 87	5	137,194,762	137,488,340	3	0	3	1
Case 87	5	137,488,440	139,751,899	4	0	4	1
Case 87	5	139,751,914	139,931,620	3	0	3	1
Case 87	5	139,931,629	139,931,644	0	0	0	0
Case 87	5	139,931,646	139,931,740	2	0	2	1
Case 87	5	139,936,760	142,662,923	4	0	4	1
Case 87	5	142,663,416	142,780,212	3	0	3	1
Case 87	5	142,780,317	147,360,904	4	0	4	1
Case 87	5	147,363,251	147,676,149	3	0	3	1
Case 87	5	147,685,952	151,939,650	4	0	4	1
Case 87	5	151,939,905	152,857,519	3	0	3	1
Case 87	5	152,861,509	154,254,818	4	0	4	1
Case 87	5	154,254,886	154,395,458	3	0	3	1
Case 87	5	154,395,470	161,681,172	4	0	4	1
Case 87	5	161,684,398	162,409,703	3	0	3	1
Case 87	5	162,411,692	162,866,548	4	0	4	1
Case 87	5	162,867,195	162,989,613	3	0	3	1
Case 87	5	162,989,974	163,954,210	4	0	4	1
Case 87	5	163,957,570	166,416,988	3	0	3	1
Case 87	5	166,417,375	168,845,858	4	0	4	1
Case 87	5	168,847,968	169,068,382	3	0	3	1
Case 87	5	169,074,056	169,081,315	2	0	2	1
Case 87	5	169,093,679	170,282,686	4	0	4	1
Case 87	5	170,283,091	170,714,609	3	0	3	1
Case 87	5	170,720,930	174,915,691	4	0	4	1
Case 87	5	174,916,655	174,965,974	3	0	3	1
Case 87	5	174,966,057	178,299,188	4	0	4	1
Case 87	5	178,300,191	178,405,251	3	0	3	1
Case 87	5	178,405,729	180,693,127	4	0	4	1
Case 87	6	108,666	11,424,279	3	2	5	0
Case 87	6	11,429,737	11,658,019	4	2	6	0
Case 87	6	11,658,168	22,734,908	3	2	5	0
Case 87	6	22,735,375	23,358,040	4	2	6	0
Case 87	6	23,366,140	25,152,674	3	2	5	0
Case 87	6	25,156,061	25,328,153	4	2	6	0
Case 87	6	25,328,567	26,598,572	3	2	5	0
Case 87	6	26,599,043	27,104,783	4	2	6	0
Case 87	6	27,107,865	28,146,674	3	2	5	0
Case 87	6	28,147,987	28,189,389	4	2	6	0
Case 87	6	28,191,057	29,915,268	3	2	5	0
Case 87	6	29,915,301	29,917,591	3	0	3	1
Case 87	6	29,917,610	30,057,985	5	0	5	1
Case 87	6	30,058,988	30,794,617	3	2	5	0
Case 87	6	30,796,271	30,838,497	4	2	6	0
Case 87	6	30,838,688	30,993,958	3	2	5	0
Case 87	6	30,994,163	30,994,778	2	0	2	1
Case 87	6	30,995,078	31,261,276	3	2	5	0

Case 87	6	31,262,169	31,319,281	4	2	6	0
Case 87	6	31,319,355	32,637,994	3	2	5	0
Case 87	6	32,640,336	32,682,812	4	2	6	0
Case 87	6	32,682,862	36,658,742	3	2	5	0
Case 87	6	36,660,453	36,708,556	4	2	6	0
Case 87	6	36,708,821	45,520,719	3	2	5	0
Case 87	6	45,521,449	45,806,448	4	2	6	0
Case 87	6	45,808,357	46,996,478	3	2	5	0
Case 87	6	46,996,760	47,364,957	4	2	6	0
Case 87	6	47,369,202	50,070,607	3	2	5	0
Case 87	6	50,077,707	50,415,303	4	2	6	0
Case 87	6	50,421,623	51,171,408	3	2	5	0
Case 87	6	51,171,829	51,601,124	4	2	6	0
Case 87	6	51,609,303	53,447,934	3	2	5	0
Case 87	6	53,448,040	53,515,130	4	2	6	0
Case 87	6	53,515,483	53,690,779	3	2	5	0
Case 87	6	53,693,655	53,971,401	4	2	6	0
Case 87	6	53,975,913	54,274,783	3	2	5	0
Case 87	6	54,278,274	54,580,022	4	2	6	0
Case 87	6	54,580,930	58,752,089	3	2	5	0
Case 87	6	61,891,118	63,228,933	3	2	5	0
Case 87	6	63,231,367	64,240,516	4	2	6	0
Case 87	6	64,249,883	65,317,295	3	2	5	0
Case 87	6	65,318,362	67,403,398	4	2	6	0
Case 87	6	67,403,591	67,649,216	3	2	5	0
Case 87	6	67,650,186	68,014,487	4	2	6	0
Case 87	6	68,024,278	71,367,566	3	2	5	0
Case 87	6	71,377,781	71,731,535	4	2	6	0
Case 87	6	71,732,242	72,384,595	3	2	5	0
Case 87	6	72,385,311	72,825,419	4	2	6	0
Case 87	6	72,845,455	73,524,224	3	2	5	0
Case 87	6	73,525,349	73,904,256	4	2	6	0
Case 87	6	73,904,346	74,675,686	3	2	5	0
Case 87	6	74,675,731	75,461,769	4	2	6	0
Case 87	6	75,462,448	77,825,472	3	2	5	0
Case 87	6	77,852,276	80,195,421	4	2	6	0
Case 87	6	80,196,789	81,429,073	3	2	5	0
Case 87	6	81,432,886	82,496,625	4	2	6	0
Case 87	6	82,497,480	82,943,878	5	1	6	0
Case 87	6	82,950,189	82,958,246	3	1	4	0
Case 87	6	82,973,801	83,311,136	3	2	5	0
Case 87	6	83,316,216	83,576,815	4	2	6	0
Case 87	6	83,580,759	85,469,998	3	2	5	0
Case 87	6	85,471,464	86,178,324	4	2	6	0
Case 87	6	86,180,732	91,106,000	3	2	5	0
Case 87	6	91,107,018	91,698,265	4	2	6	0
Case 87	6	91,701,396	92,730,285	3	2	5	0
Case 87	6	92,749,256	93,858,168	4	2	6	0
Case 87	6	93,859,226	94,403,778	3	2	5	0
Case 87	6	94,405,162	95,188,273	4	2	6	0
Case 87	6	95,197,882	96,070,254	3	2	5	0
Case 87	6	96,077,028	96,599,728	4	2	6	0
Case 87	6	96,606,573	100,574,090	3	2	5	0
Case 87	6	100,575,272	100,827,834	4	2	6	0
Case 87	6	100,829,135	101,953,217	3	2	5	0
Case 87	6	101,957,291	103,376,636	4	2	6	0
Case 87	6	103,379,859	104,136,200	3	2	5	0
Case 87	6	104,151,513	104,513,200	4	2	6	0
Case 87	6	104,515,333	106,051,738	3	2	5	0
Case 87	6	106,057,283	106,329,966	4	2	6	0
Case 87	6	106,330,503	108,009,760	3	2	5	0

Case 87	6	108,010,389	108,415,392	4	2	6	0
Case 87	6	108,427,424	112,536,990	3	2	5	0
Case 87	6	112,537,586	113,140,908	4	2	6	0
Case 87	6	113,146,769	113,398,162	3	2	5	0
Case 87	6	113,401,094	114,092,964	4	2	6	0
Case 87	6	114,099,625	117,882,209	3	2	5	0
Case 87	6	117,884,448	144,812,192	2	2	4	0
Case 87	6	144,814,016	145,021,251	3	0	3	1
Case 87	6	145,025,611	170,980,171	2	2	4	0
Case 87	7	44,935	8,606,260	6	0	6	1
Case 87	7	8,615,445	8,633,143	6	1	7	0
Case 87	7	8,633,637	20,180,717	7	0	7	1
Case 87	7	20,180,736	20,180,736	2	0	2	1
Case 87	7	20,180,760	20,180,760	4	0	4	1
Case 87	7	20,180,780	20,180,780	5	0	5	1
Case 87	7	20,182,020	41,899,191	6	0	6	1
Case 87	7	41,907,182	41,907,182	6	1	7	0
Case 87	7	41,911,549	41,989,780	7	0	7	1
Case 87	7	41,993,594	42,005,073	0	0	0	0
Case 87	7	42,005,522	42,015,020	2	0	2	1
Case 87	7	42,017,972	42,108,145	1	0	1	0
Case 87	7	42,112,533	42,112,533	4	0	4	1
Case 87	7	42,113,146	42,118,825	5	0	5	1
Case 87	7	42,121,553	53,983,352	6	0	6	1
Case 87	7	53,993,722	58,019,061	5	1	6	0
Case 87	7	61,056,053	61,747,794	5	1	6	0
Case 87	7	61,852,895	63,189,965	6	1	7	0
Case 87	7	63,249,780	66,479,228	5	2	7	0
Case 87	7	66,482,088	66,548,457	3	2	5	0
Case 87	7	66,575,738	66,768,879	4	2	6	0
Case 87	7	66,773,745	66,863,024	3	0	3	1
Case 87	7	66,864,120	67,320,325	4	0	4	1
Case 87	7	67,320,928	67,882,598	3	0	3	1
Case 87	7	67,885,035	86,512,637	3	1	4	0
Case 87	7	86,521,143	95,401,417	3	2	5	0
Case 87	7	95,413,253	95,594,026	3	3	6	0
Case 87	7	95,597,472	97,298,821	3	2	5	0
Case 87	7	97,298,855	98,246,958	2	2	4	0
Case 87	7	98,249,102	98,439,700	3	2	5	0
Case 87	7	98,443,953	103,327,914	2	2	4	0
Case 87	7	103,330,211	104,707,174	3	2	5	0
Case 87	7	104,715,245	105,264,302	2	2	4	0
Case 87	7	105,264,544	105,645,301	3	2	5	0
Case 87	7	105,649,492	110,160,252	2	2	4	0
Case 87	7	110,160,724	111,461,811	3	2	5	0
Case 87	7	111,470,745	114,323,568	2	2	4	0
Case 87	7	114,329,933	117,024,820	3	2	5	0
Case 87	7	117,040,117	118,225,898	2	2	4	0
Case 87	7	118,228,470	118,570,487	3	2	5	0
Case 87	7	118,571,442	122,821,710	2	2	4	0
Case 87	7	122,821,888	122,986,940	3	2	5	0
Case 87	7	122,990,979	128,449,696	2	2	4	0
Case 87	7	128,450,284	128,582,151	3	2	5	0
Case 87	7	128,582,309	129,343,967	2	2	4	0
Case 87	7	129,350,170	129,663,532	3	2	5	0
Case 87	7	129,664,210	131,179,797	2	2	4	0
Case 87	7	131,180,918	131,924,557	3	2	5	0
Case 87	7	131,925,916	135,431,385	2	2	4	0
Case 87	7	135,432,657	135,811,879	3	2	5	0
Case 87	7	135,813,034	149,548,591	2	2	4	0
Case 87	7	149,551,993	149,837,340	3	2	5	0

Case 87	7	149,866,114	153,414,005	2	2	4	0
Case 87	7	153,435,344	153,452,009	4	0	4	1
Case 87	7	153,461,606	153,696,268	4	1	5	0
Case 87	7	153,697,418	159,119,486	2	2	4	0
Case 87	8	164,984	219,677	2	0	2	1
Case 87	8	221,671	420,276	3	0	3	1
Case 87	8	421,858	442,614	2	0	2	1
Case 87	8	442,755	1,840,497	3	0	3	1
Case 87	8	1,840,697	1,905,823	2	0	2	1
Case 87	8	1,906,630	2,305,512	3	0	3	1
Case 87	8	2,310,313	2,664,858	2	0	2	1
Case 87	8	2,667,474	2,703,064	3	0	3	1
Case 87	8	2,704,193	3,093,194	2	0	2	1
Case 87	8	3,093,985	3,165,343	3	0	3	1
Case 87	8	3,165,624	3,717,935	2	0	2	1
Case 87	8	3,717,980	3,771,236	3	0	3	1
Case 87	8	3,771,942	4,832,237	2	0	2	1
Case 87	8	4,834,406	4,910,045	3	0	3	1
Case 87	8	4,914,546	5,346,663	2	0	2	1
Case 87	8	5,348,088	5,408,321	3	0	3	1
Case 87	8	5,408,863	5,454,376	2	0	2	1
Case 87	8	5,456,234	5,528,849	3	0	3	1
Case 87	8	5,529,622	5,875,524	2	0	2	1
Case 87	8	5,883,129	6,084,048	3	0	3	1
Case 87	8	6,084,755	6,114,273	2	0	2	1
Case 87	8	6,114,621	6,283,772	3	0	3	1
Case 87	8	6,285,539	6,385,181	2	0	2	1
Case 87	8	6,386,204	6,903,607	3	0	3	1
Case 87	8	6,903,629	8,234,192	2	0	2	1
Case 87	8	8,234,219	8,967,105	3	0	3	1
Case 87	8	8,971,100	8,982,396	2	0	2	1
Case 87	8	8,984,302	8,998,022	1	0	1	0
Case 87	8	8,998,461	9,044,856	2	0	2	1
Case 87	8	9,046,312	9,112,572	1	0	1	0
Case 87	8	9,121,398	9,315,807	3	0	3	1
Case 87	8	9,321,780	9,623,278	2	0	2	1
Case 87	8	9,634,229	10,467,673	3	0	3	1
Case 87	8	10,467,754	10,472,468	2	0	2	1
Case 87	8	10,472,638	11,142,437	3	0	3	1
Case 87	8	11,142,438	11,189,042	2	0	2	1
Case 87	8	11,189,139	11,831,477	3	0	3	1
Case 87	8	11,833,262	12,880,521	2	0	2	1
Case 87	8	12,882,687	12,958,116	3	0	3	1
Case 87	8	12,958,149	13,315,533	2	0	2	1
Case 87	8	13,321,182	13,357,340	3	0	3	1
Case 87	8	13,357,414	17,174,343	2	0	2	1
Case 87	8	17,174,534	17,563,896	3	0	3	1
Case 87	8	17,564,973	17,581,700	2	0	2	1
Case 87	8	17,582,137	17,645,028	3	0	3	1
Case 87	8	17,648,127	17,924,739	2	0	2	1
Case 87	8	17,924,750	18,080,015	3	0	3	1
Case 87	8	18,080,060	18,255,709	2	0	2	1
Case 87	8	18,255,876	18,432,108	3	0	3	1
Case 87	8	18,432,308	18,665,836	2	0	2	1
Case 87	8	18,666,286	20,036,715	3	0	3	1
Case 87	8	20,036,819	20,067,135	2	0	2	1
Case 87	8	20,071,503	21,972,973	3	0	3	1
Case 87	8	21,976,710	21,996,556	2	0	2	1
Case 87	8	22,001,072	22,132,033	3	0	3	1
Case 87	8	22,132,837	22,167,613	2	0	2	1
Case 87	8	22,168,668	22,300,575	3	0	3	1

Case 87	8	22,303,439	22,400,989	2	0	2	1
Case 87	8	22,403,451	23,714,609	3	0	3	1
Case 87	8	23,724,908	24,566,766	2	0	2	1
Case 87	8	24,571,548	25,326,140	3	0	3	1
Case 87	8	25,327,421	25,364,889	2	0	2	1
Case 87	8	25,364,960	25,657,921	3	0	3	1
Case 87	8	25,660,392	25,748,428	2	0	2	1
Case 87	8	25,748,553	27,630,131	3	0	3	1
Case 87	8	27,630,152	27,702,453	2	0	2	1
Case 87	8	27,711,673	30,434,903	3	0	3	1
Case 87	8	30,437,008	32,592,627	2	0	2	1
Case 87	8	32,594,251	33,988,414	3	0	3	1
Case 87	8	33,994,378	34,747,261	2	0	2	1
Case 87	8	34,762,526	35,616,857	3	0	3	1
Case 87	8	35,622,598	37,003,868	2	0	2	1
Case 87	8	37,004,569	38,840,591	3	0	3	1
Case 87	8	38,845,455	39,824,406	2	0	2	1
Case 87	8	39,831,647	40,494,700	3	0	3	1
Case 87	8	40,499,624	40,541,533	2	0	2	1
Case 87	8	40,542,986	41,223,011	3	0	3	1
Case 87	8	41,228,458	41,308,927	2	0	2	1
Case 87	8	41,310,010	42,706,014	3	0	3	1
Case 87	8	42,708,406	43,791,691	2	0	2	1
Case 87	8	46,886,735	49,039,681	2	0	2	1
Case 87	8	49,046,707	49,576,282	3	2	5	0
Case 87	8	49,581,021	51,412,591	2	2	4	0
Case 87	8	51,415,351	52,138,162	3	2	5	0
Case 87	8	52,140,746	52,147,655	2	0	2	1
Case 87	8	52,155,181	59,710,250	3	2	5	0
Case 87	8	59,712,593	59,838,928	2	2	4	0
Case 87	8	59,840,108	60,345,744	3	2	5	0
Case 87	8	60,346,384	61,396,829	3	1	4	0
Case 87	8	61,418,431	61,904,948	2	1	3	0
Case 87	8	61,909,133	67,465,588	3	1	4	0
Case 87	8	67,478,328	68,028,252	2	1	3	0
Case 87	8	68,030,542	75,838,269	3	1	4	0
Case 87	8	75,838,927	75,946,695	2	1	3	0
Case 87	8	75,976,170	77,931,941	3	1	4	0
Case 87	8	77,969,818	79,347,559	2	2	4	0
Case 87	8	79,350,458	79,556,891	3	2	5	0
Case 87	8	79,563,172	79,703,113	2	2	4	0
Case 87	8	79,707,140	82,715,352	3	2	5	0
Case 87	8	82,715,411	86,099,701	2	2	4	0
Case 87	8	86,099,942	87,677,217	4	1	5	0
Case 87	8	87,679,098	90,300,401	3	2	5	0
Case 87	8	90,307,568	90,409,007	2	0	2	1
Case 87	8	90,435,348	90,478,557	3	2	5	0
Case 87	8	90,488,877	91,381,801	4	2	6	0
Case 87	8	91,397,407	92,730,829	3	2	5	0
Case 87	8	92,736,906	93,586,507	4	2	6	0
Case 87	8	93,587,180	93,615,407	3	2	5	0
Case 87	8	93,618,272	146,293,414	2	2	4	0
Case 87	9	46,587	248,749	2	0	2	1
Case 87	9	249,281	527,180	3	0	3	1
Case 87	9	529,916	679,901	2	0	2	1
Case 87	9	680,323	1,605,103	3	0	3	1
Case 87	9	1,605,827	1,704,023	2	0	2	1
Case 87	9	1,705,519	2,007,485	3	0	3	1
Case 87	9	2,013,580	2,114,024	2	0	2	1
Case 87	9	2,115,271	2,389,032	3	0	3	1
Case 87	9	2,391,261	2,603,361	2	0	2	1

Case 87	9	2,605,023	2,718,349	3	0	3	1
Case 87	9	2,718,415	3,765,395	2	0	2	1
Case 87	9	3,772,674	3,864,491	3	0	3	1
Case 87	9	3,865,097	3,898,987	2	0	2	1
Case 87	9	3,900,782	3,965,805	1	0	1	0
Case 87	9	3,967,645	4,002,823	2	0	2	1
Case 87	9	4,005,108	4,193,531	3	0	3	1
Case 87	9	4,194,762	4,291,928	2	0	2	1
Case 87	9	4,292,012	4,380,523	3	0	3	1
Case 87	9	4,383,219	4,482,706	2	0	2	1
Case 87	9	4,483,189	4,625,359	3	0	3	1
Case 87	9	4,625,415	4,658,449	2	0	2	1
Case 87	9	4,659,111	4,937,331	3	0	3	1
Case 87	9	4,937,872	5,335,264	2	0	2	1
Case 87	9	5,335,329	5,581,140	3	0	3	1
Case 87	9	5,593,419	5,830,789	2	0	2	1
Case 87	9	5,830,856	5,922,860	3	0	3	1
Case 87	9	5,923,103	6,170,162	2	0	2	1
Case 87	9	6,176,770	6,932,013	3	0	3	1
Case 87	9	6,936,215	7,081,886	2	0	2	1
Case 87	9	7,084,213	7,607,425	3	0	3	1
Case 87	9	7,612,143	7,824,725	2	0	2	1
Case 87	9	7,826,827	7,922,071	3	0	3	1
Case 87	9	7,924,047	8,467,855	2	0	2	1
Case 87	9	8,468,567	8,486,299	3	0	3	1
Case 87	9	8,486,335	12,926,571	2	0	2	1
Case 87	9	12,928,475	13,099,797	3	0	3	1
Case 87	9	13,105,638	14,304,973	2	0	2	1
Case 87	9	14,309,552	14,573,613	3	0	3	1
Case 87	9	14,585,052	14,842,557	2	0	2	1
Case 87	9	14,842,560	14,900,356	3	0	3	1
Case 87	9	14,901,322	15,240,912	2	0	2	1
Case 87	9	15,243,411	15,301,428	3	0	3	1
Case 87	9	15,304,782	16,026,444	2	0	2	1
Case 87	9	16,026,664	16,520,681	3	0	3	1
Case 87	9	16,520,958	17,793,435	2	0	2	1
Case 87	9	17,793,463	17,951,118	3	0	3	1
Case 87	9	17,952,583	18,125,480	2	0	2	1
Case 87	9	18,125,966	18,494,532	3	0	3	1
Case 87	9	18,495,515	18,700,566	2	0	2	1
Case 87	9	18,706,845	19,162,016	3	0	3	1
Case 87	9	19,163,207	19,378,903	2	0	2	1
Case 87	9	19,379,502	19,801,918	3	0	3	1
Case 87	9	19,803,724	19,942,311	2	0	2	1
Case 87	9	19,942,824	20,001,782	3	0	3	1
Case 87	9	20,005,312	20,038,436	2	0	2	1
Case 87	9	20,039,441	20,418,323	3	0	3	1
Case 87	9	20,428,137	21,531,629	2	0	2	1
Case 87	9	21,536,423	21,611,256	3	0	3	1
Case 87	9	21,620,510	27,081,879	2	0	2	1
Case 87	9	27,083,814	27,228,754	3	0	3	1
Case 87	9	27,229,141	27,326,904	2	0	2	1
Case 87	9	27,328,964	27,490,967	3	0	3	1
Case 87	9	27,497,792	27,848,430	2	0	2	1
Case 87	9	27,850,239	28,001,944	3	0	3	1
Case 87	9	28,002,083	32,314,084	2	0	2	1
Case 87	9	32,316,967	32,453,278	3	0	3	1
Case 87	9	32,455,262	32,592,639	2	0	2	1
Case 87	9	32,596,952	37,097,670	3	0	3	1
Case 87	9	37,119,528	37,302,155	2	0	2	1
Case 87	9	37,302,186	38,736,897	3	0	3	1

Case 87	9	38,738,294	39,004,140	2	0	2	1
Case 87	9	39,076,028	40,800,551	2	1	3	0
Case 87	9	41,290,880	46,944,322	4	1	5	0
Case 87	9	65,629,772	69,238,239	4	1	5	0
Case 87	9	69,355,037	77,150,289	2	2	4	0
Case 87	9	77,157,976	77,315,134	3	0	3	1
Case 87	9	77,318,073	78,061,301	2	0	2	1
Case 87	9	78,066,726	78,260,714	3	0	3	1
Case 87	9	78,262,577	78,430,918	2	0	2	1
Case 87	9	78,438,434	78,751,632	3	0	3	1
Case 87	9	78,751,683	78,802,474	2	0	2	1
Case 87	9	78,803,466	79,435,440	3	0	3	1
Case 87	9	79,436,617	80,032,108	2	0	2	1
Case 87	9	80,039,006	80,381,887	3	0	3	1
Case 87	9	80,389,921	80,917,070	2	0	2	1
Case 87	9	80,918,333	81,226,171	3	0	3	1
Case 87	9	81,226,596	82,582,453	2	0	2	1
Case 87	9	82,582,993	82,805,488	3	0	3	1
Case 87	9	82,807,503	84,152,604	2	0	2	1
Case 87	9	84,160,842	84,609,794	3	0	3	1
Case 87	9	84,618,966	85,798,903	2	0	2	1
Case 87	9	85,799,271	86,552,205	3	0	3	1
Case 87	9	86,553,589	86,700,737	2	0	2	1
Case 87	9	86,700,760	86,955,682	3	0	3	1
Case 87	9	86,956,612	87,430,491	2	0	2	1
Case 87	9	87,441,475	88,159,352	3	0	3	1
Case 87	9	88,160,238	88,648,217	2	0	2	1
Case 87	9	88,648,274	88,790,268	3	0	3	1
Case 87	9	88,794,032	89,022,298	2	2	4	0
Case 87	9	89,023,508	89,149,329	3	2	5	0
Case 87	9	89,157,066	89,404,665	2	2	4	0
Case 87	9	89,408,927	89,991,119	3	0	3	1
Case 87	9	89,996,566	99,521,119	2	2	4	0
Case 87	9	99,521,123	99,584,880	3	0	3	1
Case 87	9	99,585,314	116,958,288	2	2	4	0
Case 87	9	116,958,646	121,430,880	3	2	5	0
Case 87	9	121,442,207	132,163,254	2	2	4	0
Case 87	9	132,167,567	132,444,099	3	2	5	0
Case 87	9	132,447,093	136,722,358	2	2	4	0
Case 87	9	136,723,520	137,642,654	3	2	5	0
Case 87	9	137,642,705	141,066,491	2	2	4	0
Case 87	10	98,087	310,225	2	0	2	1
Case 87	10	313,304	776,027	3	0	3	1
Case 87	10	776,394	813,426	2	0	2	1
Case 87	10	815,149	1,756,440	3	0	3	1
Case 87	10	1,760,992	1,870,359	2	0	2	1
Case 87	10	1,872,726	2,022,323	3	0	3	1
Case 87	10	2,027,751	2,154,862	2	0	2	1
Case 87	10	2,158,398	2,360,003	3	0	3	1
Case 87	10	2,363,832	2,909,884	2	0	2	1
Case 87	10	2,910,624	2,981,486	3	0	3	1
Case 87	10	2,982,125	3,076,294	2	0	2	1
Case 87	10	3,077,299	4,252,171	3	0	3	1
Case 87	10	4,256,975	4,832,920	2	0	2	1
Case 87	10	4,833,049	5,159,453	3	0	3	1
Case 87	10	5,161,955	5,311,075	2	0	2	1
Case 87	10	5,313,029	5,469,386	3	0	3	1
Case 87	10	5,471,143	5,526,375	2	0	2	1
Case 87	10	5,527,716	5,734,358	3	0	3	1
Case 87	10	5,735,648	5,957,301	2	0	2	1
Case 87	10	5,957,470	6,805,486	3	0	3	1



Case 87	10	6,807,941	6,947,860	2	0	2	1
Case 87	10	6,951,452	7,780,628	3	0	3	1
Case 87	10	7,780,646	7,932,563	2	0	2	1
Case 87	10	7,935,761	8,566,311	3	0	3	1
Case 87	10	8,566,508	10,479,512	2	0	2	1
Case 87	10	10,480,283	11,477,584	3	0	3	1
Case 87	10	11,479,998	11,681,939	2	0	2	1
Case 87	10	11,682,355	11,950,934	3	0	3	1
Case 87	10	11,951,896	12,099,023	2	0	2	1
Case 87	10	12,100,735	12,307,963	3	0	3	1
Case 87	10	12,310,737	12,497,770	2	0	2	1
Case 87	10	12,499,860	13,516,469	3	0	3	1
Case 87	10	13,519,743	13,680,726	2	0	2	1
Case 87	10	13,681,108	14,523,377	3	0	3	1
Case 87	10	14,527,223	14,621,153	2	0	2	1
Case 87	10	14,622,448	14,817,067	3	0	3	1
Case 87	10	14,818,646	15,127,987	2	0	2	1
Case 87	10	15,134,222	15,558,818	3	0	3	1
Case 87	10	15,561,315	17,259,567	2	0	2	1
Case 87	10	17,260,290	17,604,430	3	0	3	1
Case 87	10	17,609,464	21,370,420	2	0	2	1
Case 87	10	21,370,995	21,409,757	3	0	3	1
Case 87	10	21,410,114	21,421,272	2	0	2	1
Case 87	10	21,423,495	21,867,391	3	0	3	1
Case 87	10	21,869,609	24,408,398	2	0	2	1
Case 87	10	24,417,442	24,858,390	3	0	3	1
Case 87	10	24,863,020	25,883,475	2	0	2	1
Case 87	10	25,885,675	25,926,559	3	0	3	1
Case 87	10	25,932,400	26,849,088	2	0	2	1
Case 87	10	26,849,689	27,025,659	3	0	3	1
Case 87	10	27,031,454	27,700,887	2	0	2	1
Case 87	10	27,701,920	27,703,017	2	1	3	0
Case 87	10	27,703,356	28,430,660	2	0	2	1
Case 87	10	28,433,708	28,821,216	3	0	3	1
Case 87	10	28,824,560	28,936,753	2	0	2	1
Case 87	10	28,939,852	29,123,532	3	0	3	1
Case 87	10	29,124,168	29,205,665	2	0	2	1
Case 87	10	29,206,762	29,300,987	3	0	3	1
Case 87	10	29,302,946	29,619,193	2	0	2	1
Case 87	10	29,621,419	29,861,341	3	0	3	1
Case 87	10	29,864,370	30,143,168	2	0	2	1
Case 87	10	30,149,457	30,176,188	3	0	3	1
Case 87	10	30,177,850	30,201,353	2	0	2	1
Case 87	10	30,204,072	30,537,797	3	0	3	1
Case 87	10	30,559,414	30,673,598	2	0	2	1
Case 87	10	30,676,359	30,829,020	3	0	3	1
Case 87	10	30,829,330	31,024,135	2	0	2	1
Case 87	10	31,030,449	31,137,854	3	0	3	1
Case 87	10	31,138,577	31,276,664	2	0	2	1
Case 87	10	31,282,422	31,607,215	3	0	3	1
Case 87	10	31,662,486	31,883,612	2	0	2	1
Case 87	10	31,886,363	32,067,305	3	0	3	1
Case 87	10	32,070,331	32,114,950	2	0	2	1
Case 87	10	32,128,023	33,534,880	3	2	5	0
Case 87	10	33,535,907	35,102,818	2	2	4	0
Case 87	10	35,107,733	38,044,471	3	2	5	0
Case 87	10	38,061,643	39,097,912	2	2	4	0
Case 87	10	42,436,301	72,671,684	2	2	4	0
Case 87	10	72,673,607	72,786,497	3	0	3	1
Case 87	10	72,786,849	75,324,903	4	0	4	1
Case 87	10	75,331,219	75,854,181	4	1	5	0

Case 87	10	75,854,218	76,527,573	3	1	4	0
Case 87	10	76,540,987	80,919,442	2	1	3	0
Case 87	10	80,920,370	80,920,370	2	0	2	1
Case 87	10	80,921,427	80,996,513	3	0	3	1
Case 87	10	80,999,869	81,010,850	2	2	4	0
Case 87	10	81,011,589	91,470,871	2	1	3	0
Case 87	10	91,471,104	91,518,638	2	0	2	1
Case 87	10	91,520,368	94,779,550	2	1	3	0
Case 87	10	94,781,857	115,594,990	4	1	5	0
Case 87	10	115,595,030	115,668,149	4	0	4	1
Case 87	10	115,670,813	121,557,050	4	1	5	0
Case 87	10	121,564,904	121,689,182	4	0	4	1
Case 87	10	121,689,188	129,899,578	4	1	5	0
Case 87	10	129,899,778	129,998,372	3	1	4	0
Case 87	10	130,004,977	134,504,693	4	1	5	0
Case 87	10	134,511,340	135,233,646	3	1	4	0
Case 87	10	135,234,393	135,339,605	3	2	5	0
Case 87	10	135,339,845	135,477,883	2	2	4	0
Case 87	11	193,146	8,370,644	2	2	4	0
Case 87	11	8,374,548	8,414,229	3	0	3	1
Case 87	11	8,416,123	8,496,301	2	0	2	1
Case 87	11	8,496,557	8,799,749	3	0	3	1
Case 87	11	8,803,491	8,938,895	2	0	2	1
Case 87	11	8,939,887	9,294,967	3	0	3	1
Case 87	11	9,304,120	9,610,805	2	0	2	1
Case 87	11	9,615,459	9,809,956	3	0	3	1
Case 87	11	9,810,783	10,174,447	2	0	2	1
Case 87	11	10,186,289	51,591,253	2	2	4	0
Case 87	11	54,794,237	86,140,441	2	2	4	0
Case 87	11	86,145,296	86,264,881	3	0	3	1
Case 87	11	86,266,683	96,176,441	2	2	4	0
Case 87	11	96,179,183	96,232,426	2	0	2	1
Case 87	11	96,236,914	100,321,140	2	2	4	0
Case 87	11	100,322,582	100,322,582	3	2	5	0
Case 87	11	100,329,957	100,720,108	4	2	6	0
Case 87	11	100,723,516	100,830,693	3	2	5	0
Case 87	11	100,837,804	109,357,059	2	2	4	0
Case 87	11	109,382,921	110,147,873	3	2	5	0
Case 87	11	110,156,596	110,234,596	2	0	2	1
Case 87	11	110,237,299	110,476,059	3	0	3	1
Case 87	11	110,476,536	110,616,415	2	0	2	1
Case 87	11	110,617,469	113,578,677	3	0	3	1
Case 87	11	113,579,837	113,679,119	2	0	2	1
Case 87	11	113,679,129	114,164,004	3	0	3	1
Case 87	11	114,167,476	114,385,514	2	0	2	1
Case 87	11	114,387,069	115,101,294	3	0	3	1
Case 87	11	115,104,172	115,412,993	2	0	2	1
Case 87	11	115,416,391	120,183,803	3	0	3	1
Case 87	11	120,185,684	120,350,819	2	0	2	1
Case 87	11	120,350,902	121,062,860	3	0	3	1
Case 87	11	121,072,088	121,203,796	2	0	2	1
Case 87	11	121,206,354	121,835,389	3	0	3	1
Case 87	11	121,840,829	122,025,745	2	0	2	1
Case 87	11	122,030,190	122,682,111	3	0	3	1
Case 87	11	122,682,156	122,756,610	2	0	2	1
Case 87	11	122,759,066	123,676,994	3	0	3	1
Case 87	11	123,677,056	123,810,603	2	0	2	1
Case 87	11	123,810,604	124,064,554	3	0	3	1
Case 87	11	124,066,627	124,174,874	2	0	2	1
Case 87	11	124,179,450	124,824,066	3	0	3	1
Case 87	11	124,824,804	124,911,136	2	0	2	1

Case 87	11	124,931,334	127,164,405	3	0	3	1
Case 87	11	127,169,960	127,697,825	2	0	2	1
Case 87	11	127,700,566	128,844,481	3	0	3	1
Case 87	11	128,844,513	129,134,546	2	0	2	1
Case 87	11	129,143,231	132,543,770	3	0	3	1
Case 87	11	132,545,143	132,573,390	2	0	2	1
Case 87	11	132,574,789	134,736,358	3	0	3	1
Case 87	11	134,738,270	134,934,063	2	0	2	1
Case 87	12	191,619	34,853,011	2	2	4	0
Case 87	12	37,876,400	125,029,792	2	2	4	0
Case 87	12	125,030,939	125,261,593	3	2	5	0
Case 87	12	125,265,636	131,793,372	2	2	4	0
Case 87	12	131,797,608	131,825,125	2	0	2	1
Case 87	12	131,830,332	133,584,893	2	2	4	0
Case 87	12	133,584,988	133,810,935	3	0	3	1
Case 87	13	19,058,717	22,394,315	3	3	6	0
Case 87	13	22,395,049	24,939,216	3	2	5	0
Case 87	13	24,939,726	25,223,277	2	2	4	0
Case 87	13	25,223,720	25,324,895	3	2	5	0
Case 87	13	25,325,622	25,526,357	2	2	4	0
Case 87	13	25,533,831	26,680,704	3	2	5	0
Case 87	13	26,686,438	32,839,224	3	1	4	0
Case 87	13	32,844,834	32,876,296	6	1	7	0
Case 87	13	32,876,514	36,535,192	3	1	4	0
Case 87	13	36,537,530	36,801,256	6	1	7	0
Case 87	13	36,801,415	38,638,271	5	2	7	0
Case 87	13	38,647,038	38,647,038	3	2	5	0
Case 87	13	38,652,049	38,652,049	5	1	6	0
Case 87	13	38,654,219	43,351,947	6	1	7	0
Case 87	13	43,353,044	43,378,472	3	2	5	0
Case 87	13	43,379,674	44,681,950	3	1	4	0
Case 87	13	44,682,973	44,690,110	3	2	5	0
Case 87	13	44,692,881	45,030,179	5	1	6	0
Case 87	13	45,030,799	49,022,794	3	1	4	0
Case 87	13	49,032,471	49,223,087	6	1	7	0
Case 87	13	49,232,391	58,257,165	3	1	4	0
Case 87	13	58,257,265	58,257,265	2	1	3	0
Case 87	13	58,266,222	59,713,597	1	0	1	0
Case 87	13	59,713,776	65,172,235	3	1	4	0
Case 87	13	65,178,318	69,127,905	2	1	3	0
Case 87	13	69,129,159	108,564,358	3	1	4	0
Case 87	13	108,564,597	109,236,017	3	0	3	1
Case 87	13	109,241,989	111,720,978	3	2	5	0
Case 87	13	111,721,756	111,948,823	2	2	4	0
Case 87	13	111,954,634	113,694,509	3	2	5	0
Case 87	13	113,696,102	113,826,078	2	2	4	0
Case 87	13	113,826,087	114,198,049	3	2	5	0
Case 87	13	114,198,725	114,542,716	2	2	4	0
Case 87	13	114,542,858	115,103,529	3	2	5	0
Case 87	14	19,280,733	20,416,499	3	2	5	0
Case 87	14	20,420,338	21,405,885	3	3	6	0
Case 87	14	21,413,602	22,002,461	3	2	5	0
Case 87	14	22,002,604	22,972,986	3	3	6	0
Case 87	14	22,974,256	25,359,882	3	2	5	0
Case 87	14	25,361,268	25,718,191	3	3	6	0
Case 87	14	25,718,224	37,595,632	3	2	5	0
Case 87	14	37,603,194	56,197,159	2	2	4	0
Case 87	14	56,197,878	56,433,709	3	2	5	0
Case 87	14	56,437,386	98,499,656	2	2	4	0
Case 87	14	98,501,431	99,075,777	3	2	5	0
Case 87	14	99,078,064	107,287,663	3	1	4	0

Case 87	15	20,034,919	69,778,982	2	2	4	0
Case 87	15	69,781,764	87,136,493	4	2	6	0
Case 87	15	87,139,933	87,139,933	3	2	5	0
Case 87	15	87,146,081	88,340,472	5	2	7	0
Case 87	15	88,340,804	97,557,339	4	2	6	0
Case 87	15	97,559,785	98,722,005	5	2	7	0
Case 87	15	98,725,702	99,670,265	4	2	6	0
Case 87	15	99,670,278	99,672,099	3	2	5	0
Case 87	15	99,672,138	102,461,162	4	2	6	0
Case 87	16	88,165	1,695,776	4	0	4	1
Case 87	16	1,703,067	1,799,407	2	0	2	1
Case 87	16	1,802,232	1,824,075	1	0	1	0
Case 87	16	1,825,067	1,838,696	2	0	2	1
Case 87	16	1,839,023	1,867,040	1	0	1	0
Case 87	16	1,867,236	2,871,555	4	0	4	1
Case 87	16	2,873,313	3,021,806	5	0	5	1
Case 87	16	3,022,261	3,100,388	4	0	4	1
Case 87	16	3,100,427	3,165,683	5	0	5	1
Case 87	16	3,165,845	3,962,620	4	0	4	1
Case 87	16	3,967,411	4,384,871	5	0	5	1
Case 87	16	4,384,961	4,940,288	4	0	4	1
Case 87	16	4,940,302	7,975,357	5	0	5	1
Case 87	16	7,979,669	8,553,132	3	0	3	1
Case 87	16	8,558,352	8,906,958	4	0	4	1
Case 87	16	8,907,025	14,566,432	5	0	5	1
Case 87	16	14,576,672	15,501,701	4	0	4	1
Case 87	16	15,512,575	19,474,639	5	0	5	1
Case 87	16	19,474,663	19,884,011	4	0	4	1
Case 87	16	19,888,106	20,324,401	5	0	5	1
Case 87	16	20,326,407	21,211,138	4	0	4	1
Case 87	16	21,212,697	23,010,921	5	0	5	1
Case 87	16	23,013,555	23,690,573	4	0	4	1
Case 87	16	23,693,443	27,461,521	5	0	5	1
Case 87	16	27,467,337	27,827,381	4	0	4	1
Case 87	16	27,827,858	28,329,398	5	0	5	1
Case 87	16	28,334,994	28,933,468	4	0	4	1
Case 87	16	28,937,275	30,038,042	5	0	5	1
Case 87	16	30,039,678	31,382,999	4	0	4	1
Case 87	16	31,383,038	31,659,915	5	0	5	1
Case 87	16	31,660,427	32,137,965	4	0	4	1
Case 87	16	32,257,633	35,285,582	5	0	5	1
Case 87	16	46,450,037	51,357,210	5	0	5	1
Case 87	16	51,357,482	52,430,136	6	0	6	1
Case 87	16	52,431,954	53,875,016	5	0	5	1
Case 87	16	53,876,444	55,359,026	6	0	6	1
Case 87	16	55,359,029	58,331,773	5	0	5	1
Case 87	16	58,335,379	59,411,607	6	0	6	1
Case 87	16	59,419,461	59,702,793	5	0	5	1
Case 87	16	59,706,248	59,884,620	6	0	6	1
Case 87	16	59,886,183	60,764,767	5	0	5	1
Case 87	16	60,767,611	61,850,293	6	0	6	1
Case 87	16	61,851,413	63,518,506	5	0	5	1
Case 87	16	63,520,218	64,972,164	6	0	6	1
Case 87	16	64,972,773	73,791,210	5	0	5	1
Case 87	16	73,791,488	74,276,961	6	0	6	1
Case 87	16	74,277,844	75,872,464	5	0	5	1
Case 87	16	75,894,212	76,279,001	6	0	6	1
Case 87	16	76,281,066	77,163,008	5	0	5	1
Case 87	16	77,167,618	77,323,247	6	0	6	1
Case 87	16	77,323,248	79,816,194	5	0	5	1
Case 87	16	79,816,247	80,205,926	6	0	6	1

Case 87	16	80,220,495	90,274,695	5	0	5	1
Case 87	17	11,885	1,700,082	5	0	5	1
Case 87	17	1,703,153	14,370,851	4	0	4	1
Case 87	17	14,371,001	15,878,256	5	0	5	1
Case 87	17	15,878,534	18,911,386	4	0	4	1
Case 87	17	18,914,445	21,560,916	5	0	5	1
Case 87	17	21,707,060	22,242,355	6	0	6	1
Case 87	17	25,268,142	27,969,220	6	0	6	1
Case 87	17	27,998,978	36,485,571	4	0	4	1
Case 87	17	36,485,605	37,047,658	5	0	5	1
Case 87	17	37,049,116	37,795,660	4	0	4	1
Case 87	17	37,801,415	37,872,607	5	0	5	1
Case 87	17	37,872,647	38,064,469	6	0	6	1
Case 87	17	38,066,146	41,301,709	5	0	5	1
Case 87	17	41,321,910	53,908,942	4	0	4	1
Case 87	17	53,909,089	54,578,920	3	0	3	1
Case 87	17	54,580,408	54,858,402	4	0	4	1
Case 87	17	54,859,188	55,112,291	3	0	3	1
Case 87	17	55,115,189	56,277,106	4	0	4	1
Case 87	17	56,277,146	59,343,880	3	0	3	1
Case 87	17	59,345,321	59,658,544	4	0	4	1
Case 87	17	59,661,552	60,523,455	3	0	3	1
Case 87	17	60,525,047	60,876,467	4	0	4	1
Case 87	17	60,879,026	61,496,471	3	0	3	1
Case 87	17	61,498,222	61,615,545	4	0	4	1
Case 87	17	61,615,587	61,892,969	3	0	3	1
Case 87	17	61,895,165	62,060,718	4	0	4	1
Case 87	17	62,067,353	63,112,344	3	0	3	1
Case 87	17	63,113,160	63,621,104	4	0	4	1
Case 87	17	63,629,238	64,197,259	3	0	3	1
Case 87	17	64,197,405	65,052,396	4	0	4	1
Case 87	17	65,052,605	65,438,177	3	0	3	1
Case 87	17	65,445,256	65,651,144	4	0	4	1
Case 87	17	65,653,400	66,250,655	3	0	3	1
Case 87	17	66,253,003	66,714,228	4	0	4	1
Case 87	17	66,714,282	70,136,055	3	0	3	1
Case 87	17	70,137,681	70,913,648	4	0	4	1
Case 87	17	70,915,599	71,468,356	3	0	3	1
Case 87	17	71,477,731	72,233,485	4	0	4	1
Case 87	17	72,233,559	72,350,663	3	0	3	1
Case 87	17	72,350,664	72,584,662	4	0	4	1
Case 87	17	72,584,704	74,382,590	3	0	3	1
Case 87	17	74,383,348	74,710,783	4	0	4	1
Case 87	17	74,712,886	74,794,457	3	0	3	1
Case 87	17	74,816,422	75,987,290	4	0	4	1
Case 87	17	75,989,901	76,210,207	3	0	3	1
Case 87	17	76,210,422	76,802,344	4	0	4	1
Case 87	17	76,802,648	77,083,619	3	0	3	1
Case 87	17	77,084,654	77,674,058	4	0	4	1
Case 87	17	77,686,881	79,429,852	3	0	3	1
Case 87	17	79,429,896	79,579,230	4	0	4	1
Case 87	17	79,580,437	81,060,040	3	0	3	1
Case 87	18	87,505	2,336,089	6	0	6	1
Case 87	18	2,339,141	4,673,119	7	0	7	1
Case 87	18	4,676,964	4,676,964	2	0	2	1
Case 87	18	4,677,933	4,677,933	4	0	4	1
Case 87	18	4,683,148	4,694,751	5	0	5	1
Case 87	18	4,710,695	15,330,525	6	0	6	1
Case 87	18	15,375,878	15,375,878	6	1	7	0
Case 87	18	18,520,354	25,066,437	6	1	7	0
Case 87	18	25,067,055	25,426,499	7	0	7	1

Case 87	18	25,437,752	25,437,752	2	0	2	1
Case 87	18	25,440,258	25,926,059	4	0	4	1
Case 87	18	25,928,664	26,552,808	5	0	5	1
Case 87	18	26,554,711	27,572,034	4	0	4	1
Case 87	18	27,580,903	27,862,545	2	0	2	1
Case 87	18	27,869,383	33,928,038	3	0	3	1
Case 87	18	33,928,144	34,146,384	4	0	4	1
Case 87	18	34,147,295	37,172,774	5	0	5	1
Case 87	18	37,192,581	37,194,499	4	0	4	1
Case 87	18	37,200,183	37,409,962	2	0	2	1
Case 87	18	37,412,228	39,132,894	1	0	1	0
Case 87	18	39,135,598	39,484,211	3	0	3	1
Case 87	18	39,485,540	41,149,817	2	0	2	1
Case 87	18	41,152,727	42,055,478	0	0	0	0
Case 87	18	42,077,844	42,210,808	2	0	2	1
Case 87	18	42,230,172	43,438,739	3	0	3	1
Case 87	18	43,440,233	43,833,689	2	0	2	1
Case 87	18	43,834,634	44,370,518	3	0	3	1
Case 87	18	44,383,675	44,541,614	2	0	2	1
Case 87	18	44,541,915	44,590,473	3	0	3	1
Case 87	18	44,593,458	44,808,676	2	0	2	1
Case 87	18	44,814,355	45,283,049	3	0	3	1
Case 87	18	45,285,683	45,432,593	2	0	2	1
Case 87	18	45,433,995	46,623,780	3	0	3	1
Case 87	18	46,623,854	46,976,586	2	0	2	1
Case 87	18	46,987,640	47,786,639	3	0	3	1
Case 87	18	47,787,602	47,788,535	2	0	2	1
Case 87	18	47,791,995	47,840,706	3	0	3	1
Case 87	18	47,841,892	47,957,621	2	0	2	1
Case 87	18	47,959,099	48,447,090	3	0	3	1
Case 87	18	48,447,462	48,510,696	2	0	2	1
Case 87	18	48,510,795	49,173,330	3	0	3	1
Case 87	18	49,176,373	49,360,609	2	0	2	1
Case 87	18	49,365,021	49,665,498	3	0	3	1
Case 87	18	49,675,410	54,693,531	2	0	2	1
Case 87	18	54,694,151	55,269,699	3	0	3	1
Case 87	18	55,270,423	55,315,751	2	0	2	1
Case 87	18	55,315,959	56,348,411	3	0	3	1
Case 87	18	56,350,396	56,422,868	2	0	2	1
Case 87	18	56,424,837	57,687,573	3	0	3	1
Case 87	18	57,688,169	58,035,204	2	0	2	1
Case 87	18	58,036,503	58,051,263	3	0	3	1
Case 87	18	58,051,294	58,872,074	2	0	2	1
Case 87	18	58,876,416	59,579,209	3	0	3	1
Case 87	18	59,580,679	59,984,822	2	0	2	1
Case 87	18	59,997,434	60,512,959	3	0	3	1
Case 87	18	60,514,169	60,590,894	2	0	2	1
Case 87	18	60,593,492	61,022,115	3	0	3	1
Case 87	18	61,022,634	61,160,320	2	0	2	1
Case 87	18	61,160,598	61,264,298	3	0	3	1
Case 87	18	61,264,468	61,763,444	2	0	2	1
Case 87	18	61,765,487	61,871,398	3	0	3	1
Case 87	18	61,875,586	63,094,505	2	0	2	1
Case 87	18	63,104,519	74,568,937	4	0	4	1
Case 87	18	74,580,780	74,682,214	2	0	2	1
Case 87	18	74,683,389	74,896,814	3	0	3	1
Case 87	18	74,896,865	74,947,450	2	0	2	1
Case 87	18	74,948,824	75,136,413	3	0	3	1
Case 87	18	75,136,990	75,331,597	2	0	2	1
Case 87	18	75,333,250	75,390,410	3	0	3	1
Case 87	18	75,390,648	75,468,705	2	0	2	1

Case 87	18	75,470,181	75,930,831	3	0	3	1
Case 87	18	75,933,383	76,136,708	2	0	2	1
Case 87	18	76,143,140	76,756,988	3	0	3	1
Case 87	18	76,757,146	77,138,035	2	0	2	1
Case 87	18	77,138,068	77,797,492	3	0	3	1
Case 87	18	77,798,569	78,015,180	2	0	2	1
Case 87	19	260,912	9,395,584	4	0	4	1
Case 87	19	9,401,159	9,912,917	3	0	3	1
Case 87	19	9,918,229	11,881,346	4	0	4	1
Case 87	19	11,881,451	11,929,999	3	0	3	1
Case 87	19	11,930,639	12,040,283	4	0	4	1
Case 87	19	12,046,336	12,187,907	3	0	3	1
Case 87	19	12,188,266	12,296,941	4	0	4	1
Case 87	19	12,296,974	12,577,302	3	0	3	1
Case 87	19	12,581,063	21,719,213	4	0	4	1
Case 87	19	21,719,235	21,720,098	1	1	2	0
Case 87	19	21,720,803	24,629,285	4	0	4	1
Case 87	19	27,732,159	32,779,619	4	0	4	1
Case 87	19	32,783,217	33,714,562	3	2	5	0
Case 87	19	33,722,682	34,740,600	3	3	6	0
Case 87	19	34,742,705	41,310,609	3	2	5	0
Case 87	19	41,314,720	41,314,720	3	0	3	1
Case 87	19	41,318,306	43,433,794	4	0	4	1
Case 87	19	43,435,966	44,068,193	4	1	5	0
Case 87	19	44,068,575	44,853,707	3	1	4	0
Case 87	19	44,855,873	46,974,190	4	1	5	0
Case 87	19	46,974,306	48,472,474	3	2	5	0
Case 87	19	48,475,932	49,089,795	4	1	5	0
Case 87	19	49,090,527	50,666,351	3	1	4	0
Case 87	19	50,672,518	50,771,409	3	2	5	0
Case 87	19	50,771,512	51,009,768	2	2	4	0
Case 87	19	51,010,939	51,379,901	3	2	5	0
Case 87	19	51,379,948	51,759,525	2	2	4	0
Case 87	19	51,759,861	52,376,207	3	2	5	0
Case 87	19	52,376,226	54,017,258	2	2	4	0
Case 87	19	54,020,343	55,362,859	3	2	5	0
Case 87	19	55,363,599	56,424,323	2	2	4	0
Case 87	19	56,424,395	56,900,486	3	2	5	0
Case 87	19	56,901,457	57,133,862	2	2	4	0
Case 87	19	57,135,023	57,646,218	3	2	5	0
Case 87	19	57,646,318	59,097,160	2	2	4	0
Case 87	20	63,244	2,261,387	3	2	5	0
Case 87	20	2,262,636	2,278,553	2	2	4	0
Case 87	20	2,286,057	2,440,652	2	1	3	0
Case 87	20	2,440,845	3,838,807	3	2	5	0
Case 87	20	3,842,057	4,079,151	2	2	4	0
Case 87	20	4,079,223	5,718,030	3	2	5	0
Case 87	20	5,727,600	18,310,767	2	2	4	0
Case 87	20	18,328,816	21,301,991	2	1	3	0
Case 87	20	21,313,044	25,434,163	3	2	5	0
Case 87	20	25,436,385	25,657,649	2	2	4	0
Case 87	20	25,657,745	26,293,985	3	2	5	0
Case 87	20	29,425,357	33,574,751	3	2	5	0
Case 87	20	33,574,765	35,767,216	2	2	4	0
Case 87	20	35,769,592	39,663,329	3	2	5	0
Case 87	20	39,672,618	40,054,766	2	2	4	0
Case 87	20	40,061,656	40,849,546	3	2	5	0
Case 87	20	40,859,050	41,266,942	4	2	6	0
Case 87	20	41,269,321	41,351,028	3	2	5	0
Case 87	20	41,353,289	43,613,825	4	2	6	0
Case 87	20	43,625,927	43,695,762	3	2	5	0

Case 87	20	43,701,355	43,945,481	2	2	4	0
Case 87	20	43,945,487	44,356,051	3	2	5	0
Case 87	20	44,356,194	46,514,097	4	2	6	0
Case 87	20	46,516,716	49,746,325	3	2	5	0
Case 87	20	49,758,590	50,262,763	4	2	6	0
Case 87	20	50,264,643	53,883,417	5	2	7	0
Case 87	20	53,896,038	54,379,033	6	1	7	0
Case 87	20	54,379,143	54,751,363	5	2	7	0
Case 87	20	54,752,084	62,782,082	3	2	5	0
Case 87	20	62,786,928	62,948,788	4	2	6	0
Case 87	21	10,827,533	10,971,337	3	0	3	1
Case 87	21	14,368,320	18,733,811	3	0	3	1
Case 87	21	18,735,609	18,918,578	4	0	4	1
Case 87	21	18,921,821	32,251,674	3	0	3	1
Case 87	21	32,252,137	32,536,256	4	0	4	1
Case 87	21	32,537,308	33,146,821	3	0	3	1
Case 87	21	33,151,085	33,424,532	4	0	4	1
Case 87	21	33,426,886	34,292,163	3	0	3	1
Case 87	21	34,297,775	34,521,087	4	0	4	1
Case 87	21	34,525,104	35,200,374	3	0	3	1
Case 87	21	35,201,030	35,254,293	4	0	4	1
Case 87	21	35,260,481	36,744,959	3	0	3	1
Case 87	21	36,749,232	37,229,471	4	0	4	1
Case 87	21	37,247,303	38,881,289	3	0	3	1
Case 87	21	38,884,218	39,356,734	4	0	4	1
Case 87	21	39,357,383	40,016,124	3	0	3	1
Case 87	21	40,018,639	40,136,974	4	0	4	1
Case 87	21	40,139,707	40,289,454	3	0	3	1
Case 87	21	40,291,413	40,527,311	4	0	4	1
Case 87	21	40,547,310	41,173,714	3	0	3	1
Case 87	21	41,182,794	41,386,931	4	0	4	1
Case 87	21	41,390,971	43,420,555	3	0	3	1
Case 87	21	43,422,525	43,733,628	4	0	4	1
Case 87	21	43,735,471	44,438,248	3	0	3	1
Case 87	21	44,438,266	44,825,683	4	0	4	1
Case 87	21	44,828,031	48,100,155	3	0	3	1
Case 87	22	16,114,244	19,159,015	3	2	5	0
Case 87	22	19,160,297	19,309,694	2	2	4	0
Case 87	22	19,310,812	19,980,300	3	2	5	0
Case 87	22	19,983,014	20,127,002	2	2	4	0
Case 87	22	20,127,554	21,383,420	3	2	5	0
Case 87	22	21,383,429	21,997,070	2	2	4	0
Case 87	22	21,997,574	23,826,675	3	2	5	0
Case 87	22	23,835,039	23,930,279	4	2	6	0
Case 87	22	23,931,845	24,339,634	3	2	5	0
Case 87	22	24,381,773	24,717,518	2	2	4	0
Case 87	22	24,717,548	25,792,267	3	2	5	0
Case 87	22	25,809,371	26,278,427	3	0	3	1
Case 87	22	26,278,468	26,666,246	4	0	4	1
Case 87	22	26,666,611	27,003,985	3	0	3	1
Case 87	22	27,004,964	27,306,830	4	0	4	1
Case 87	22	27,320,076	27,486,771	3	0	3	1
Case 87	22	27,487,232	27,715,293	4	0	4	1
Case 87	22	27,715,760	27,801,546	3	0	3	1
Case 87	22	27,802,721	28,206,912	4	0	4	1
Case 87	22	28,217,319	29,726,624	3	0	3	1
Case 87	22	29,735,056	29,904,354	4	0	4	1
Case 87	22	29,904,509	30,765,486	3	2	5	0
Case 87	22	30,766,366	30,906,194	2	2	4	0
Case 87	22	30,909,767	31,829,917	3	2	5	0
Case 87	22	31,830,351	32,506,050	2	2	4	0



Case 87	22	32,506,051	37,268,367	3	2	5	0
Case 87	22	37,268,444	37,496,847	2	2	4	0
Case 87	22	37,497,593	37,902,177	3	2	5	0
Case 87	22	37,902,377	38,371,328	2	2	4	0
Case 87	22	38,373,967	43,716,324	3	2	5	0
Case 87	22	43,716,971	44,219,572	2	2	4	0
Case 87	22	44,219,716	46,557,161	3	2	5	0
Case 87	22	46,561,566	47,321,120	2	2	4	0
Case 87	22	47,323,417	48,214,812	3	2	5	0
Case 87	22	48,216,822	48,892,314	3	0	3	1
Case 87	22	48,895,339	49,115,890	4	0	4	1
Case 87	22	49,118,598	49,797,810	3	0	3	1
Case 87	22	49,798,011	49,873,588	4	0	4	1
Case 87	22	49,874,509	51,066,921	3	0	3	1
Case 87	22	51,068,560	51,195,728	2	2	4	0
Case 88	1	82,154	1,439,671	2	1	3	0
Case 88	1	1,447,325	1,959,698	1	1	2	0
Case 88	1	1,959,730	2,905,605	2	1	3	0
Case 88	1	2,909,170	3,424,379	2	2	4	0
Case 88	1	3,424,388	3,706,538	2	1	3	0
Case 88	1	3,709,412	5,692,373	1	1	2	0
Case 88	1	5,692,728	6,314,748	2	1	3	0
Case 88	1	6,314,822	7,897,136	1	1	2	0
Case 88	1	7,897,189	9,170,878	1	0	1	0
Case 88	1	9,171,336	9,833,335	1	1	2	0
Case 88	1	9,833,451	10,360,994	0	0	0	0
Case 88	1	10,363,309	15,726,566	1	1	2	0
Case 88	1	15,726,791	16,255,562	1	0	1	0
Case 88	1	16,255,644	17,961,392	1	1	2	0
Case 88	1	17,961,432	18,817,181	2	1	3	0
Case 88	1	18,821,416	20,851,834	1	1	2	0
Case 88	1	20,853,195	21,797,221	1	0	1	0
Case 88	1	21,799,413	23,429,122	1	1	2	0
Case 88	1	23,431,777	24,377,326	1	0	1	0
Case 88	1	24,379,601	24,488,450	1	1	2	0
Case 88	1	24,495,722	28,293,641	1	0	1	0
Case 88	1	28,298,951	29,519,778	0	0	0	0
Case 88	1	29,520,542	32,279,871	1	1	2	0
Case 88	1	32,279,890	33,543,052	1	0	1	0
Case 88	1	33,547,930	35,379,119	1	1	2	0
Case 88	1	35,379,493	35,899,006	0	0	0	0
Case 88	1	35,900,520	36,769,380	1	0	1	0
Case 88	1	36,769,917	39,228,906	1	1	2	0
Case 88	1	39,229,313	41,468,787	1	0	1	0
Case 88	1	41,469,666	42,857,663	1	1	2	0
Case 88	1	42,864,868	43,169,007	1	0	1	0
Case 88	1	43,187,067	45,161,845	1	1	2	0
Case 88	1	45,162,818	46,865,671	1	0	1	0
Case 88	1	46,870,705	47,717,077	1	1	2	0
Case 88	1	47,717,079	47,932,550	1	0	1	0
Case 88	1	47,933,238	50,945,526	1	1	2	0
Case 88	1	50,966,897	53,493,685	1	0	1	0
Case 88	1	53,495,130	62,080,668	1	1	2	0
Case 88	1	62,082,162	62,703,977	0	0	0	0
Case 88	1	62,704,007	62,707,613	1	1	2	0
Case 88	1	62,708,339	64,087,444	1	0	1	0
Case 88	1	64,089,400	65,324,419	1	1	2	0
Case 88	1	65,325,970	65,816,567	1	0	1	0
Case 88	1	65,830,608	67,292,585	1	1	2	0
Case 88	1	67,292,666	68,152,363	1	0	1	0
Case 88	1	68,154,693	70,616,817	1	1	2	0

Case 88	1	70,616,830	71,100,213	1	0	1	0
Case 88	1	71,100,726	76,120,300	1	1	2	0
Case 88	1	76,129,223	76,453,857	1	0	1	0
Case 88	1	76,456,329	77,958,712	1	1	2	0
Case 88	1	77,959,674	78,797,784	1	0	1	0
Case 88	1	78,800,715	92,316,682	1	1	2	0
Case 88	1	92,323,809	94,026,080	1	0	1	0
Case 88	1	94,026,861	98,229,868	1	1	2	0
Case 88	1	98,230,887	98,502,340	2	1	3	0
Case 88	1	98,502,934	100,286,234	1	1	2	0
Case 88	1	100,292,878	100,681,641	1	0	1	0
Case 88	1	100,683,627	107,528,432	1	1	2	0
Case 88	1	107,538,505	108,203,956	2	1	3	0
Case 88	1	108,205,448	109,399,660	1	1	2	0
Case 88	1	109,399,710	109,689,314	1	0	1	0
Case 88	1	109,696,056	110,650,778	1	1	2	0
Case 88	1	110,653,704	110,770,223	2	1	3	0
Case 88	1	110,770,293	112,946,359	1	1	2	0
Case 88	1	112,948,319	114,438,613	1	0	1	0
Case 88	1	114,438,882	114,894,805	1	1	2	0
Case 88	1	114,900,678	115,259,550	1	0	1	0
Case 88	1	115,259,599	121,346,616	1	1	2	0
Case 88	1	142,649,718	149,919,225	1	1	2	0
Case 88	1	149,920,922	151,491,318	1	0	1	0
Case 88	1	151,491,411	152,080,066	1	1	2	0
Case 88	1	152,080,105	152,286,325	2	1	3	0
Case 88	1	152,286,388	153,920,564	1	1	2	0
Case 88	1	153,920,692	154,346,416	1	0	1	0
Case 88	1	154,346,967	155,309,128	1	1	2	0
Case 88	1	155,311,840	155,983,710	1	0	1	0
Case 88	1	155,983,869	156,498,307	1	1	2	0
Case 88	1	156,499,967	156,560,502	2	1	3	0
Case 88	1	156,560,561	156,828,358	1	1	2	0
Case 88	1	156,830,218	157,095,470	2	1	3	0
Case 88	1	157,095,853	173,690,603	1	1	2	0
Case 88	1	173,702,857	174,104,743	1	0	1	0
Case 88	1	174,113,342	179,078,052	1	1	2	0
Case 88	1	179,078,344	179,437,659	1	0	1	0
Case 88	1	179,437,777	199,822,974	1	1	2	0
Case 88	1	199,831,111	200,672,410	1	0	1	0
Case 88	1	200,672,699	201,149,265	1	1	2	0
Case 88	1	201,150,096	201,383,643	2	1	3	0
Case 88	1	201,383,725	203,131,533	1	1	2	0
Case 88	1	203,132,307	203,186,990	2	1	3	0
Case 88	1	203,188,692	211,276,828	1	1	2	0
Case 88	1	211,279,739	212,614,788	1	0	1	0
Case 88	1	212,617,423	220,142,246	1	1	2	0
Case 88	1	220,146,709	220,445,641	1	0	1	0
Case 88	1	220,448,330	223,959,891	1	1	2	0
Case 88	1	223,959,906	224,706,832	1	0	1	0
Case 88	1	224,707,177	225,740,216	1	1	2	0
Case 88	1	225,756,293	226,514,334	1	0	1	0
Case 88	1	226,521,192	227,920,447	1	1	2	0
Case 88	1	227,920,503	228,613,026	2	1	3	0
Case 88	1	228,614,224	235,095,183	1	1	2	0
Case 88	1	235,095,444	236,659,941	1	0	1	0
Case 88	1	236,661,920	240,527,918	1	1	2	0
Case 88	1	240,528,954	241,161,151	1	0	1	0
Case 88	1	241,161,648	241,910,907	1	1	2	0
Case 88	1	241,912,941	242,251,696	1	0	1	0
Case 88	1	242,253,024	244,480,260	1	1	2	0

Case 88	1	244,480,389	245,305,530	1	0	1	0
Case 88	1	245,306,896	246,479,095	1	1	2	0
Case 88	1	246,483,783	247,587,155	1	0	1	0
Case 88	1	247,587,389	249,098,988	1	1	2	0
Case 88	1	249,104,349	249,218,992	2	2	4	0
Case 88	2	18,674	963,334	3	0	3	1
Case 88	2	970,417	20,791,125	2	0	2	1
Case 88	2	20,794,079	21,260,127	3	0	3	1
Case 88	2	21,260,136	23,174,557	2	0	2	1
Case 88	2	23,175,970	23,767,746	3	0	3	1
Case 88	2	23,770,465	23,980,848	2	0	2	1
Case 88	2	23,982,378	24,655,725	1	0	1	0
Case 88	2	24,658,162	25,754,393	2	0	2	1
Case 88	2	25,754,408	26,533,735	1	0	1	0
Case 88	2	26,533,808	31,085,727	2	0	2	1
Case 88	2	31,086,044	31,808,300	3	0	3	1
Case 88	2	31,811,268	32,265,125	2	0	2	1
Case 88	2	32,278,782	33,144,085	1	0	1	0
Case 88	2	33,148,131	38,517,515	2	0	2	1
Case 88	2	38,520,856	39,751,029	1	0	1	0
Case 88	2	39,752,158	43,806,918	2	0	2	1
Case 88	2	43,808,065	44,527,664	1	0	1	0
Case 88	2	44,528,256	53,072,134	2	0	2	1
Case 88	2	53,088,117	53,820,452	2	1	3	0
Case 88	2	53,821,511	54,530,966	1	1	2	0
Case 88	2	54,536,882	55,253,823	2	1	3	0
Case 88	2	55,253,869	55,470,115	1	1	2	0
Case 88	2	55,470,683	55,973,732	1	0	1	0
Case 88	2	55,983,929	60,822,323	2	1	3	0
Case 88	2	60,832,662	61,223,290	1	1	2	0
Case 88	2	61,223,666	62,673,967	1	0	1	0
Case 88	2	62,676,906	64,902,908	2	1	3	0
Case 88	2	64,905,729	65,759,671	1	1	2	0
Case 88	2	65,762,704	69,431,269	2	1	3	0
Case 88	2	69,435,243	70,337,081	1	1	2	0
Case 88	2	70,338,344	70,604,385	1	0	1	0
Case 88	2	70,606,777	84,971,398	2	1	3	0
Case 88	2	84,972,341	85,403,546	1	1	2	0
Case 88	2	85,405,262	88,530,617	2	1	3	0
Case 88	2	88,531,886	88,892,838	1	1	2	0
Case 88	2	88,895,064	92,081,640	2	1	3	0
Case 88	2	95,429,424	95,774,043	2	1	3	0
Case 88	2	95,774,151	107,456,723	2	0	2	1
Case 88	2	107,459,745	107,962,440	3	0	3	1
Case 88	2	107,965,955	118,672,529	2	0	2	1
Case 88	2	118,673,663	122,273,266	2	1	3	0
Case 88	2	122,273,328	122,601,302	1	1	2	0
Case 88	2	122,607,245	124,488,139	2	1	3	0
Case 88	2	124,488,562	125,091,035	2	0	2	1
Case 88	2	125,099,924	125,806,843	2	1	3	0
Case 88	2	125,843,421	129,773,278	2	0	2	1
Case 88	2	129,773,352	130,580,944	3	0	3	1
Case 88	2	130,581,441	133,328,608	2	0	2	1
Case 88	2	133,330,895	134,507,967	3	0	3	1
Case 88	2	134,509,873	134,939,315	2	0	2	1
Case 88	2	134,945,535	135,170,556	3	0	3	1
Case 88	2	135,171,675	137,491,121	2	0	2	1
Case 88	2	137,492,022	138,975,795	3	0	3	1
Case 88	2	138,979,328	140,218,360	2	0	2	1
Case 88	2	140,218,663	141,267,580	3	0	3	1
Case 88	2	141,269,323	142,536,246	2	0	2	1

Case 88	2	142,536,819	148,758,479	3	0	3	1
Case 88	2	148,778,272	150,019,993	2	0	2	1
Case 88	2	150,020,329	151,064,165	3	0	3	1
Case 88	2	151,066,885	154,908,839	2	0	2	1
Case 88	2	154,910,880	155,322,083	3	0	3	1
Case 88	2	155,322,559	160,125,205	2	0	2	1
Case 88	2	160,128,306	160,761,171	1	0	1	0
Case 88	2	160,761,808	168,178,179	2	0	2	1
Case 88	2	168,187,606	169,166,305	3	0	3	1
Case 88	2	169,171,670	169,779,712	2	0	2	1
Case 88	2	169,779,764	170,129,529	3	0	3	1
Case 88	2	170,132,243	172,379,936	2	0	2	1
Case 88	2	172,381,046	172,841,213	1	0	1	0
Case 88	2	172,851,552	179,340,710	2	0	2	1
Case 88	2	179,341,790	179,882,262	3	0	3	1
Case 88	2	179,884,886	180,487,430	2	0	2	1
Case 88	2	180,488,450	182,766,531	3	0	3	1
Case 88	2	182,766,892	184,391,990	2	0	2	1
Case 88	2	184,392,834	186,845,934	3	0	3	1
Case 88	2	186,849,059	189,743,056	2	0	2	1
Case 88	2	189,748,646	190,171,008	3	0	3	1
Case 88	2	190,174,516	190,532,183	2	0	2	1
Case 88	2	190,532,206	190,728,507	1	0	1	0
Case 88	2	190,728,779	192,616,165	2	0	2	1
Case 88	2	192,616,373	194,655,743	3	0	3	1
Case 88	2	194,715,328	198,896,895	2	0	2	1
Case 88	2	198,898,265	199,772,591	3	0	3	1
Case 88	2	199,780,624	201,648,832	2	0	2	1
Case 88	2	201,649,955	202,342,485	1	0	1	0
Case 88	2	202,343,089	203,022,536	2	0	2	1
Case 88	2	203,033,509	204,292,517	0	0	0	0
Case 88	2	204,299,540	209,215,586	2	0	2	1
Case 88	2	209,215,633	209,535,670	3	0	3	1
Case 88	2	209,555,119	215,669,147	2	0	2	1
Case 88	2	215,672,527	216,300,385	1	0	1	0
Case 88	2	216,300,405	224,439,486	2	0	2	1
Case 88	2	224,444,137	224,993,943	1	0	1	0
Case 88	2	225,006,135	228,044,253	2	0	2	1
Case 88	2	228,045,315	228,667,258	1	0	1	0
Case 88	2	228,669,735	231,555,684	2	0	2	1
Case 88	2	231,556,188	231,886,444	3	0	3	1
Case 88	2	231,891,530	232,790,908	2	0	2	1
Case 88	2	232,791,948	241,286,856	3	0	3	1
Case 88	2	241,288,227	241,686,663	4	0	4	1
Case 88	2	241,686,737	242,757,460	3	0	3	1
Case 88	2	242,757,466	243,048,760	4	0	4	1
Case 88	3	61,495	1,547,688	2	1	3	0
Case 88	3	1,548,001	3,306,941	1	1	2	0
Case 88	3	3,307,984	3,934,139	2	1	3	0
Case 88	3	3,941,431	5,544,395	1	1	2	0
Case 88	3	5,548,037	6,262,786	2	1	3	0
Case 88	3	6,265,920	10,413,526	1	1	2	0
Case 88	3	10,413,601	10,995,671	2	2	4	0
Case 88	3	10,996,556	12,942,710	1	1	2	0
Case 88	3	12,943,013	13,367,357	2	2	4	0
Case 88	3	13,367,406	14,656,435	2	1	3	0
Case 88	3	14,657,598	18,010,703	1	1	2	0
Case 88	3	18,013,554	19,487,934	2	1	3	0
Case 88	3	19,491,636	19,975,139	1	1	2	0
Case 88	3	19,975,194	20,212,189	1	0	1	0
Case 88	3	20,212,227	24,203,529	1	1	2	0

Case 88	3	24,208,974	25,843,732	2	0	2	1
Case 88	3	25,846,126	27,958,681	1	0	1	0
Case 88	3	27,959,742	31,901,848	1	1	2	0
Case 88	3	31,908,377	34,059,913	1	0	1	0
Case 88	3	34,060,079	36,921,795	1	1	2	0
Case 88	3	36,931,397	37,414,439	1	0	1	0
Case 88	3	37,453,112	38,748,778	1	1	2	0
Case 88	3	38,750,375	38,945,454	2	1	3	0
Case 88	3	38,945,560	41,714,831	1	1	2	0
Case 88	3	41,716,317	42,226,151	1	0	1	0
Case 88	3	42,229,550	47,052,937	1	1	2	0
Case 88	3	47,058,057	48,309,828	1	0	1	0
Case 88	3	48,309,903	49,237,394	1	1	2	0
Case 88	3	49,245,077	49,689,390	1	0	1	0
Case 88	3	49,689,449	50,798,126	2	0	2	1
Case 88	3	50,816,121	51,664,847	1	0	1	0
Case 88	3	51,667,967	52,584,787	2	0	2	1
Case 88	3	52,588,655	52,773,455	1	0	1	0
Case 88	3	52,773,561	52,896,855	2	0	2	1
Case 88	3	52,904,550	53,668,672	1	0	1	0
Case 88	3	53,668,708	53,893,840	2	0	2	1
Case 88	3	53,894,412	54,946,578	1	0	1	0
Case 88	3	54,946,982	56,025,951	2	0	2	1
Case 88	3	56,026,218	58,072,471	1	0	1	0
Case 88	3	58,080,567	60,439,043	1	1	2	0
Case 88	3	60,441,079	60,585,933	1	0	1	0
Case 88	3	60,587,580	65,185,849	1	1	2	0
Case 88	3	65,191,847	65,214,533	0	0	0	0
Case 88	3	65,215,804	69,231,791	1	1	2	0
Case 88	3	69,236,991	69,347,922	1	0	1	0
Case 88	3	69,350,874	72,700,181	1	1	2	0
Case 88	3	72,701,660	73,151,050	1	0	1	0
Case 88	3	73,152,124	90,442,925	1	1	2	0
Case 88	3	93,537,290	93,611,911	1	1	2	0
Case 88	3	93,612,369	98,002,417	2	1	3	0
Case 88	3	98,002,419	98,966,922	2	0	2	1
Case 88	3	98,967,139	99,822,536	2	1	3	0
Case 88	3	99,835,254	100,413,645	2	0	2	1
Case 88	3	100,413,717	101,232,736	2	1	3	0
Case 88	3	101,237,890	101,507,015	1	0	1	0
Case 88	3	101,510,634	102,064,584	2	0	2	1
Case 88	3	102,067,254	103,750,905	3	0	3	1
Case 88	3	103,752,461	110,965,554	2	0	2	1
Case 88	3	110,967,648	111,313,457	3	0	3	1
Case 88	3	111,313,854	112,872,989	2	0	2	1
Case 88	3	112,875,949	113,022,889	3	0	3	1
Case 88	3	113,022,996	117,427,801	2	0	2	1
Case 88	3	117,429,566	118,867,047	3	0	3	1
Case 88	3	118,867,055	123,211,064	2	0	2	1
Case 88	3	123,212,563	124,210,544	3	0	3	1
Case 88	3	124,211,050	125,748,213	2	0	2	1
Case 88	3	125,758,232	128,212,526	3	0	3	1
Case 88	3	128,218,410	129,944,129	2	0	2	1
Case 88	3	129,946,531	130,368,301	3	0	3	1
Case 88	3	130,368,317	134,160,593	2	0	2	1
Case 88	3	134,166,224	135,475,556	3	0	3	1
Case 88	3	135,475,923	139,452,207	2	0	2	1
Case 88	3	139,454,159	140,419,730	3	0	3	1
Case 88	3	140,419,734	141,275,436	2	0	2	1
Case 88	3	141,278,737	142,979,264	1	0	1	0
Case 88	3	142,980,880	143,499,364	2	0	2	1

Case 88	3	143,500,636	145,409,452	1	0	1	0
Case 88	3	145,409,857	149,252,801	1	1	2	0
Case 88	3	149,254,700	149,660,475	1	0	1	0
Case 88	3	149,668,016	152,611,324	1	1	2	0
Case 88	3	152,611,465	153,280,557	1	0	1	0
Case 88	3	153,284,777	155,241,691	1	1	2	0
Case 88	3	155,241,740	155,738,576	1	0	1	0
Case 88	3	155,743,407	161,017,192	1	1	2	0
Case 88	3	161,036,373	162,698,133	2	1	3	0
Case 88	3	162,701,721	163,902,187	1	1	2	0
Case 88	3	163,904,370	165,136,797	2	1	3	0
Case 88	3	165,160,646	169,477,506	3	1	4	0
Case 88	3	169,480,204	170,162,684	2	0	2	1
Case 88	3	170,163,474	170,900,917	2	1	3	0
Case 88	3	170,908,762	171,081,370	3	1	4	0
Case 88	3	171,083,708	172,835,393	2	1	3	0
Case 88	3	172,835,418	176,792,166	3	1	4	0
Case 88	3	176,799,074	177,282,809	2	0	2	1
Case 88	3	177,286,946	177,552,252	2	1	3	0
Case 88	3	177,552,702	178,585,678	3	1	4	0
Case 88	3	178,588,348	179,472,674	2	0	2	1
Case 88	3	179,474,867	182,315,570	2	1	3	0
Case 88	3	182,316,034	183,818,264	2	0	2	1
Case 88	3	183,818,336	184,980,371	2	1	3	0
Case 88	3	184,998,296	185,613,272	2	0	2	1
Case 88	3	185,616,564	188,114,589	2	1	3	0
Case 88	3	188,120,643	192,133,703	3	1	4	0
Case 88	3	192,135,606	192,973,579	2	1	3	0
Case 88	3	192,979,624	193,944,478	3	1	4	0
Case 88	3	193,946,147	195,557,461	2	1	3	0
Case 88	3	195,559,289	197,838,262	2	0	2	1
Case 88	4	71,566	181,476	2	0	2	1
Case 88	4	181,832	497,138	0	0	0	0
Case 88	4	498,459	1,113,257	2	0	2	1
Case 88	4	1,121,508	2,160,884	1	1	2	0
Case 88	4	2,160,894	2,910,308	1	0	1	0
Case 88	4	2,916,931	3,432,508	2	0	2	1
Case 88	4	3,432,638	3,942,867	2	1	3	0
Case 88	4	3,980,138	4,276,132	1	0	1	0
Case 88	4	4,276,198	6,024,426	2	0	2	1
Case 88	4	6,026,058	6,517,005	2	1	3	0
Case 88	4	6,517,066	7,204,493	2	0	2	1
Case 88	4	7,206,401	8,397,686	2	1	3	0
Case 88	4	8,398,798	10,574,056	2	0	2	1
Case 88	4	10,575,214	13,067,251	1	0	1	0
Case 88	4	13,068,686	15,200,699	2	0	2	1
Case 88	4	15,204,833	23,792,768	1	0	1	0
Case 88	4	23,794,252	24,256,496	2	0	2	1
Case 88	4	24,259,055	24,804,722	1	0	1	0
Case 88	4	24,807,287	25,067,377	2	0	2	1
Case 88	4	25,067,465	39,406,987	1	0	1	0
Case 88	4	39,408,595	40,198,842	0	0	0	0
Case 88	4	40,199,551	40,199,551	1	0	1	0
Case 88	4	40,205,742	40,215,687	2	0	2	1
Case 88	4	40,217,706	49,620,898	1	0	1	0
Case 88	4	52,697,856	79,291,130	1	0	1	0
Case 88	4	79,291,535	80,996,125	2	0	2	1
Case 88	4	81,001,542	90,149,589	1	0	1	0
Case 88	4	90,150,552	91,069,888	2	0	2	1
Case 88	4	91,123,665	98,098,473	1	0	1	0
Case 88	4	98,100,051	98,444,547	2	0	2	1

Case 88	4	98,457,301	114,477,154	1	0	1	0
Case 88	4	114,478,653	114,816,990	2	0	2	1
Case 88	4	114,821,256	125,013,856	1	0	1	0
Case 88	4	125,017,034	126,273,052	2	0	2	1
Case 88	4	126,275,373	129,867,280	1	0	1	0
Case 88	4	129,867,300	130,591,851	2	0	2	1
Case 88	4	130,592,857	133,961,722	1	0	1	0
Case 88	4	133,981,517	136,421,815	2	0	2	1
Case 88	4	136,422,205	138,080,761	3	0	3	1
Case 88	4	138,087,831	146,961,679	2	0	2	1
Case 88	4	146,968,904	148,308,126	3	0	3	1
Case 88	4	148,309,369	149,356,352	2	0	2	1
Case 88	4	149,356,682	151,840,850	2	1	3	0
Case 88	4	151,842,358	152,175,168	1	0	1	0
Case 88	4	152,179,311	156,281,490	2	1	3	0
Case 88	4	156,283,212	156,557,255	1	1	2	0
Case 88	4	156,558,695	181,637,915	1	0	1	0
Case 88	4	181,637,973	181,730,895	2	0	2	1
Case 88	4	181,734,569	181,885,905	0	0	0	0
Case 88	4	181,888,903	181,915,930	2	0	2	1
Case 88	4	181,919,047	190,963,766	1	0	1	0
Case 88	5	38,139	269,234	2	1	3	0
Case 88	5	303,686	676,806	1	1	2	0
Case 88	5	677,718	988,510	2	2	4	0
Case 88	5	992,509	16,547,911	1	1	2	0
Case 88	5	16,556,601	18,000,871	1	0	1	0
Case 88	5	18,007,227	28,256,995	1	1	2	0
Case 88	5	28,260,714	29,521,275	1	0	1	0
Case 88	5	29,526,304	31,690,559	1	1	2	0
Case 88	5	31,692,876	32,585,709	1	0	1	0
Case 88	5	32,586,844	37,111,565	1	1	2	0
Case 88	5	37,115,116	37,501,596	1	0	1	0
Case 88	5	37,505,646	45,874,923	1	1	2	0
Case 88	5	45,905,997	46,399,093	0	0	0	0
Case 88	5	49,457,282	49,669,981	0	0	0	0
Case 88	5	49,694,961	53,861,604	1	1	2	0
Case 88	5	53,867,201	54,232,372	1	0	1	0
Case 88	5	54,232,607	55,220,819	1	1	2	0
Case 88	5	55,220,879	55,509,554	1	0	1	0
Case 88	5	55,509,576	64,766,798	1	1	2	0
Case 88	5	64,772,879	65,093,845	1	0	1	0
Case 88	5	65,099,626	68,322,358	1	1	2	0
Case 88	5	68,322,642	70,927,856	1	0	1	0
Case 88	5	70,931,069	78,153,325	1	1	2	0
Case 88	5	78,179,604	78,944,996	1	0	1	0
Case 88	5	78,945,171	79,530,306	1	1	2	0
Case 88	5	79,532,244	80,083,386	1	0	1	0
Case 88	5	80,083,428	90,306,939	1	1	2	0
Case 88	5	90,316,643	102,781,533	1	0	1	0
Case 88	5	102,793,568	103,071,415	2	0	2	1
Case 88	5	103,074,969	106,263,197	0	0	0	0
Case 88	5	106,265,598	106,469,895	1	1	2	0
Case 88	5	106,473,749	108,550,889	1	0	1	0
Case 88	5	108,554,780	109,058,683	5	0	5	1
Case 88	5	109,065,098	109,155,967	1	1	2	0
Case 88	5	109,159,494	110,412,894	1	0	1	0
Case 88	5	110,417,428	110,677,604	2	0	2	1
Case 88	5	110,682,544	114,576,598	1	0	1	0
Case 88	5	114,577,253	115,831,873	2	0	2	1
Case 88	5	115,832,056	122,343,870	1	0	1	0
Case 88	5	122,348,548	123,782,602	2	0	2	1

Case 88	5	123,784,283	127,622,491	1	0	1	0
Case 88	5	127,622,747	128,552,706	2	0	2	1
Case 88	5	128,553,667	132,533,517	1	0	1	0
Case 88	5	132,534,021	133,224,274	2	0	2	1
Case 88	5	133,224,404	134,295,167	1	0	1	0
Case 88	5	134,303,694	136,733,948	2	0	2	1
Case 88	5	136,734,285	139,745,154	1	0	1	0
Case 88	5	139,745,467	139,745,739	2	0	2	1
Case 88	5	139,745,800	140,023,818	0	0	0	0
Case 88	5	140,024,214	140,024,269	1	0	1	0
Case 88	5	140,025,192	140,213,972	2	0	2	1
Case 88	5	140,214,045	140,229,435	0	0	0	0
Case 88	5	140,229,786	140,229,786	1	0	1	0
Case 88	5	140,229,942	141,337,126	2	0	2	1
Case 88	5	141,337,145	142,767,740	1	0	1	0
Case 88	5	142,767,778	143,225,966	2	0	2	1
Case 88	5	143,226,759	147,421,488	1	0	1	0
Case 88	5	147,424,788	148,756,848	2	0	2	1
Case 88	5	148,758,027	149,200,066	1	0	1	0
Case 88	5	149,200,402	150,459,788	2	0	2	1
Case 88	5	150,461,049	150,695,700	1	0	1	0
Case 88	5	150,695,724	150,981,259	2	0	2	1
Case 88	5	150,981,304	151,377,281	1	0	1	0
Case 88	5	151,377,631	151,985,487	2	0	2	1
Case 88	5	151,998,609	152,883,381	1	0	1	0
Case 88	5	152,887,567	153,802,650	1	1	2	0
Case 88	5	153,803,086	157,564,869	1	0	1	0
Case 88	5	157,565,338	158,489,315	2	0	2	1
Case 88	5	158,490,202	159,928,372	1	0	1	0
Case 88	5	159,934,161	160,134,369	1	1	2	0
Case 88	5	160,135,873	163,221,209	1	0	1	0
Case 88	5	163,222,890	169,348,810	1	1	2	0
Case 88	5	169,349,995	169,578,246	2	2	4	0
Case 88	5	169,580,540	171,482,726	1	1	2	0
Case 88	5	171,483,578	171,762,100	1	0	1	0
Case 88	5	171,762,575	180,693,127	1	1	2	0
Case 88	6	108,666	380,341	2	1	3	0
Case 88	6	382,897	1,055,655	1	0	1	0
Case 88	6	1,056,155	1,777,764	2	0	2	1
Case 88	6	1,780,691	6,093,449	1	0	1	0
Case 88	6	6,094,026	6,435,068	2	0	2	1
Case 88	6	6,445,863	9,544,144	1	0	1	0
Case 88	6	9,545,130	10,295,815	1	1	2	0
Case 88	6	10,295,896	10,982,652	1	0	1	0
Case 88	6	10,982,848	14,887,071	1	1	2	0
Case 88	6	14,887,524	15,365,977	1	0	1	0
Case 88	6	15,369,898	17,108,786	1	1	2	0
Case 88	6	17,115,281	18,406,854	1	0	1	0
Case 88	6	18,407,590	21,393,645	1	1	2	0
Case 88	6	21,397,637	22,045,016	1	0	1	0
Case 88	6	22,045,644	24,289,124	1	1	2	0
Case 88	6	24,291,203	25,014,120	1	0	1	0
Case 88	6	25,015,681	27,879,877	1	1	2	0
Case 88	6	27,879,932	28,331,128	2	1	3	0
Case 88	6	28,331,252	29,138,777	1	1	2	0
Case 88	6	29,141,422	30,391,723	2	1	3	0
Case 88	6	30,392,146	30,880,757	1	1	2	0
Case 88	6	30,881,122	30,955,681	2	1	3	0
Case 88	6	30,955,929	31,077,405	1	1	2	0
Case 88	6	31,077,938	31,145,164	2	1	3	0
Case 88	6	31,145,271	31,218,889	2	0	2	1



Case 88	6	31,218,984	31,221,914	0	0	0	0
Case 88	6	31,230,701	31,232,111	2	0	2	1
Case 88	6	31,232,543	32,195,017	2	1	3	0
Case 88	6	32,195,332	32,266,490	1	1	2	0
Case 88	6	32,266,535	34,125,281	2	1	3	0
Case 88	6	34,131,376	38,750,888	1	1	2	0
Case 88	6	38,754,502	41,740,541	2	1	3	0
Case 88	6	41,740,575	43,322,745	1	1	2	0
Case 88	6	43,323,174	52,625,794	2	1	3	0
Case 88	6	52,626,269	53,362,890	1	1	2	0
Case 88	6	53,363,725	58,654,742	2	1	3	0
Case 88	6	58,664,370	58,752,089	1	0	1	0
Case 88	6	61,891,118	62,223,257	1	0	1	0
Case 88	6	62,235,802	62,702,157	2	1	3	0
Case 88	6	62,702,178	63,615,339	3	1	4	0
Case 88	6	63,617,477	64,758,787	2	0	2	1
Case 88	6	64,762,195	67,964,764	2	1	3	0
Case 88	6	67,965,720	69,285,887	2	0	2	1
Case 88	6	69,287,242	71,013,640	1	1	2	0
Case 88	6	71,013,722	71,609,384	1	0	1	0
Case 88	6	71,609,707	73,650,662	1	1	2	0
Case 88	6	73,652,005	74,497,126	1	0	1	0
Case 88	6	74,497,152	76,174,857	1	1	2	0
Case 88	6	76,186,658	77,000,409	1	0	1	0
Case 88	6	77,000,660	82,778,549	1	1	2	0
Case 88	6	82,780,595	82,943,878	1	0	1	0
Case 88	6	82,950,189	87,353,474	1	1	2	0
Case 88	6	87,358,929	88,801,635	1	0	1	0
Case 88	6	88,803,599	89,432,362	1	1	2	0
Case 88	6	89,460,542	90,622,723	1	0	1	0
Case 88	6	90,625,166	99,646,240	1	1	2	0
Case 88	6	99,659,802	100,046,845	1	0	1	0
Case 88	6	100,046,933	104,740,041	1	1	2	0
Case 88	6	104,740,181	105,761,860	1	0	1	0
Case 88	6	105,768,250	106,968,943	1	1	2	0
Case 88	6	106,969,027	107,791,661	1	0	1	0
Case 88	6	107,793,039	108,086,370	1	1	2	0
Case 88	6	108,088,477	109,548,713	1	0	1	0
Case 88	6	109,557,542	110,942,500	1	1	2	0
Case 88	6	110,950,048	111,587,081	0	0	0	0
Case 88	6	111,587,204	113,936,188	1	1	2	0
Case 88	6	113,940,473	114,196,489	1	0	1	0
Case 88	6	114,200,450	119,044,453	1	1	2	0
Case 88	6	119,046,017	119,356,201	1	0	1	0
Case 88	6	119,359,254	121,638,732	1	1	2	0
Case 88	6	121,642,851	122,107,994	1	0	1	0
Case 88	6	122,120,089	131,282,210	1	1	2	0
Case 88	6	131,284,381	131,905,032	1	0	1	0
Case 88	6	131,905,717	134,230,714	1	1	2	0
Case 88	6	134,232,194	137,108,757	1	0	1	0
Case 88	6	137,112,958	138,304,615	1	1	2	0
Case 88	6	138,315,199	140,073,614	1	0	1	0
Case 88	6	140,075,039	143,828,518	1	1	2	0
Case 88	6	143,830,178	144,747,242	1	0	1	0
Case 88	6	144,747,451	148,044,515	1	1	2	0
Case 88	6	148,045,181	148,839,982	1	0	1	0
Case 88	6	148,840,713	149,699,523	1	1	2	0
Case 88	6	149,699,925	150,211,189	1	0	1	0
Case 88	6	150,211,242	151,161,872	1	1	2	0
Case 88	6	151,162,004	152,132,214	1	0	1	0
Case 88	6	152,135,451	152,484,288	1	1	2	0

Case 88	6	152,484,763	152,642,914	1	0	1	0
Case 88	6	152,643,365	153,902,816	1	1	2	0
Case 88	6	153,915,549	155,597,005	1	0	1	0
Case 88	6	155,597,092	158,502,528	1	1	2	0
Case 88	6	158,504,365	159,403,554	1	0	1	0
Case 88	6	159,403,577	167,767,774	1	1	2	0
Case 88	6	167,767,813	168,526,858	2	1	3	0
Case 88	6	168,531,451	170,980,171	1	1	2	0
Case 88	7	44,935	561,070	4	0	4	1
Case 88	7	591,027	4,501,085	3	0	3	1
Case 88	7	4,501,781	6,929,662	2	0	2	1
Case 88	7	6,937,338	10,007,255	4	0	4	1
Case 88	7	10,042,560	11,532,297	3	0	3	1
Case 88	7	11,534,319	12,385,391	4	0	4	1
Case 88	7	12,391,319	13,333,678	3	0	3	1
Case 88	7	13,333,829	13,522,169	4	0	4	1
Case 88	7	13,527,659	14,234,531	3	0	3	1
Case 88	7	14,235,801	15,437,962	4	0	4	1
Case 88	7	15,440,108	16,900,123	3	0	3	1
Case 88	7	16,900,195	17,912,336	4	0	4	1
Case 88	7	17,913,195	18,215,216	3	0	3	1
Case 88	7	18,216,046	19,413,024	5	0	5	1
Case 88	7	19,413,271	19,418,564	3	0	3	1
Case 88	7	19,421,606	20,686,143	4	0	4	1
Case 88	7	20,686,910	20,902,799	3	0	3	1
Case 88	7	20,903,218	23,228,400	4	0	4	1
Case 88	7	23,230,554	24,081,463	3	0	3	1
Case 88	7	24,082,848	25,801,760	4	0	4	1
Case 88	7	25,802,471	31,736,599	3	0	3	1
Case 88	7	31,739,631	31,986,723	4	0	4	1
Case 88	7	32,001,658	34,350,994	3	0	3	1
Case 88	7	34,354,465	34,561,147	4	0	4	1
Case 88	7	34,583,827	39,612,012	3	0	3	1
Case 88	7	39,612,084	40,158,527	2	0	2	1
Case 88	7	40,162,586	46,582,554	3	0	3	1
Case 88	7	46,591,607	47,167,965	4	0	4	1
Case 88	7	47,185,886	48,354,820	3	0	3	1
Case 88	7	48,356,757	49,739,731	4	0	4	1
Case 88	7	49,741,924	55,856,799	3	0	3	1
Case 88	7	55,862,844	56,727,631	2	0	2	1
Case 88	7	56,755,583	57,882,950	3	0	3	1
Case 88	7	58,007,774	58,019,061	2	0	2	1
Case 88	7	61,056,053	61,852,895	2	0	2	1
Case 88	7	61,994,170	63,385,883	0	0	0	0
Case 88	7	63,387,484	64,141,291	2	0	2	1
Case 88	7	64,150,010	64,452,081	1	0	1	0
Case 88	7	64,452,104	67,620,455	2	0	2	1
Case 88	7	67,623,433	68,549,929	1	0	1	0
Case 88	7	68,553,958	82,370,821	2	0	2	1
Case 88	7	82,371,376	82,784,591	3	0	3	1
Case 88	7	82,784,660	83,986,207	2	0	2	1
Case 88	7	83,993,099	86,823,333	3	0	3	1
Case 88	7	86,823,401	88,166,231	2	0	2	1
Case 88	7	88,173,578	88,722,433	3	0	3	1
Case 88	7	88,723,903	89,202,570	2	0	2	1
Case 88	7	89,202,784	89,861,890	3	0	3	1
Case 88	7	89,861,957	90,523,546	2	0	2	1
Case 88	7	90,530,072	91,010,280	3	0	3	1
Case 88	7	91,012,114	92,764,431	2	0	2	1
Case 88	7	92,764,489	94,058,641	3	0	3	1
Case 88	7	94,060,509	100,675,761	2	0	2	1

Case 88	7	100,675,817	100,685,691	0	0	0	0
Case 88	7	100,685,709	109,170,014	2	0	2	1
Case 88	7	109,174,062	110,602,792	3	0	3	1
Case 88	7	110,603,427	117,871,989	2	0	2	1
Case 88	7	117,874,308	124,240,452	3	0	3	1
Case 88	7	124,270,732	128,587,524	2	0	2	1
Case 88	7	128,588,831	129,917,678	1	0	1	0
Case 88	7	129,917,687	130,653,616	2	0	2	1
Case 88	7	130,655,734	131,478,270	1	0	1	0
Case 88	7	131,480,344	132,316,317	2	0	2	1
Case 88	7	132,317,536	134,530,915	1	0	1	0
Case 88	7	134,531,076	135,021,898	2	0	2	1
Case 88	7	135,023,914	136,690,503	1	0	1	0
Case 88	7	136,700,286	137,461,581	2	0	2	1
Case 88	7	137,467,829	141,287,652	1	0	1	0
Case 88	7	141,311,028	142,044,060	2	0	2	1
Case 88	7	142,099,013	142,605,840	4	0	4	1
Case 88	7	142,609,699	148,456,154	3	0	3	1
Case 88	7	148,456,729	148,891,161	2	0	2	1
Case 88	7	148,895,510	149,474,913	3	0	3	1
Case 88	7	149,475,053	149,528,277	4	0	4	1
Case 88	7	149,529,920	151,510,737	3	0	3	1
Case 88	7	151,512,177	151,947,973	2	0	2	1
Case 88	7	151,949,068	152,551,615	1	0	1	0
Case 88	7	152,561,613	157,400,389	2	0	2	1
Case 88	7	157,403,902	158,449,357	3	0	3	1
Case 88	7	158,449,369	159,119,486	2	0	2	1
Case 88	8	164,984	2,005,569	1	0	1	0
Case 88	8	2,005,572	2,048,684	1	1	2	0
Case 88	8	2,048,729	5,532,124	1	0	1	0
Case 88	8	5,532,738	5,599,399	1	1	2	0
Case 88	8	5,601,191	9,183,596	1	0	1	0
Case 88	8	9,184,099	9,969,692	0	0	0	0
Case 88	8	9,971,054	10,286,615	1	1	2	0
Case 88	8	10,287,438	10,465,649	1	0	1	0
Case 88	8	10,465,703	10,899,288	1	1	2	0
Case 88	8	10,907,051	11,704,584	1	0	1	0
Case 88	8	11,704,593	11,746,122	1	1	2	0
Case 88	8	11,746,358	15,409,171	0	0	0	0
Case 88	8	15,409,462	15,409,462	2	0	2	1
Case 88	8	15,410,250	20,004,641	1	0	1	0
Case 88	8	20,004,798	22,011,721	2	0	2	1
Case 88	8	22,013,943	22,374,551	1	0	1	0
Case 88	8	22,374,794	22,966,200	2	0	2	1
Case 88	8	22,966,769	24,058,590	1	0	1	0
Case 88	8	24,071,487	29,814,414	2	0	2	1
Case 88	8	29,818,527	30,938,513	1	0	1	0
Case 88	8	30,938,570	39,695,662	2	0	2	1
Case 88	8	39,695,671	39,873,548	0	0	0	0
Case 88	8	39,880,766	41,455,343	2	0	2	1
Case 88	8	41,456,823	42,390,679	1	1	2	0
Case 88	8	42,399,906	43,791,691	1	0	1	0
Case 88	8	46,886,735	49,206,743	1	0	1	0
Case 88	8	49,209,616	53,406,508	1	1	2	0
Case 88	8	53,408,434	53,796,903	1	0	1	0
Case 88	8	53,796,924	54,579,007	1	1	2	0
Case 88	8	54,584,082	55,820,605	1	0	1	0
Case 88	8	55,824,925	56,119,057	1	1	2	0
Case 88	8	56,120,404	57,437,426	1	0	1	0
Case 88	8	57,440,366	63,949,912	1	1	2	0
Case 88	8	63,951,237	64,296,883	1	0	1	0

Case 88	8	64,315,765	66,438,548	1	1	2	0
Case 88	8	66,438,842	67,059,253	1	0	1	0
Case 88	8	67,061,980	67,451,184	1	1	2	0
Case 88	8	67,465,588	68,235,165	0	0	0	0
Case 88	8	68,247,863	70,605,072	1	1	2	0
Case 88	8	70,605,196	71,765,094	1	0	1	0
Case 88	8	71,775,259	74,049,175	1	1	2	0
Case 88	8	74,052,613	75,154,867	1	0	1	0
Case 88	8	75,156,489	77,374,126	1	1	2	0
Case 88	8	77,377,945	88,441,967	4	0	4	1
Case 88	8	88,447,135	91,375,302	5	0	5	1
Case 88	8	91,377,153	95,500,924	3	0	3	1
Case 88	8	95,501,082	96,206,803	2	0	2	1
Case 88	8	96,209,033	98,583,425	3	0	3	1
Case 88	8	98,585,277	99,162,888	2	0	2	1
Case 88	8	99,166,896	113,277,705	3	0	3	1
Case 88	8	113,277,717	114,979,501	4	0	4	1
Case 88	8	114,980,457	120,367,602	3	0	3	1
Case 88	8	120,368,303	120,718,441	2	0	2	1
Case 88	8	120,719,691	121,183,650	1	0	1	0
Case 88	8	121,190,297	122,062,311	2	0	2	1
Case 88	8	122,074,926	122,330,471	3	0	3	1
Case 88	8	122,330,565	122,761,187	2	0	2	1
Case 88	8	122,766,075	124,070,432	3	0	3	1
Case 88	8	124,076,688	124,555,833	2	0	2	1
Case 88	8	124,556,006	125,407,426	3	0	3	1
Case 88	8	125,418,391	126,765,996	2	0	2	1
Case 88	8	126,772,563	141,219,996	3	0	3	1
Case 88	8	141,220,019	142,170,813	1	0	1	0
Case 88	8	142,170,865	145,057,206	2	1	3	0
Case 88	8	145,057,227	146,151,479	2	0	2	1
Case 88	8	146,154,001	146,293,414	4	0	4	1
Case 88	9	46,587	215,329	2	1	3	0
Case 88	9	217,597	3,828,319	1	0	1	0
Case 88	9	3,828,355	4,177,109	2	0	2	1
Case 88	9	4,177,749	6,051,924	1	0	1	0
Case 88	9	6,064,103	6,331,274	2	1	3	0
Case 88	9	6,331,324	6,851,118	1	0	1	0
Case 88	9	6,855,838	7,687,255	2	1	3	0
Case 88	9	7,688,633	7,694,465	2	0	2	1
Case 88	9	7,694,484	8,533,412	3	0	3	1
Case 88	9	8,534,385	8,906,136	2	0	2	1
Case 88	9	8,915,142	9,895,814	3	0	3	1
Case 88	9	9,896,971	12,163,583	2	0	2	1
Case 88	9	12,165,072	13,267,800	3	0	3	1
Case 88	9	13,269,740	13,682,981	2	0	2	1
Case 88	9	13,686,028	14,678,017	3	0	3	1
Case 88	9	14,678,115	16,110,293	2	0	2	1
Case 88	9	16,110,623	16,529,174	3	0	3	1
Case 88	9	16,529,554	17,759,497	2	0	2	1
Case 88	9	17,760,260	18,777,706	3	0	3	1
Case 88	9	18,777,790	18,986,580	2	0	2	1
Case 88	9	18,989,696	19,446,663	1	0	1	0
Case 88	9	19,451,807	20,289,426	2	0	2	1
Case 88	9	20,292,245	20,881,957	0	0	0	0
Case 88	9	20,883,241	26,687,936	1	0	1	0
Case 88	9	26,689,442	27,412,769	0	0	0	0
Case 88	9	27,414,808	27,467,670	1	1	2	0
Case 88	9	27,468,461	28,705,607	1	0	1	0
Case 88	9	28,705,864	31,136,986	2	0	2	1
Case 88	9	31,146,393	32,110,072	3	0	3	1

Case 88	9	32,110,777	33,810,791	2	0	2	1
Case 88	9	33,818,257	34,237,480	1	0	1	0
Case 88	9	34,240,205	46,944,322	2	0	2	1
Case 88	9	65,629,772	68,838,523	2	0	2	1
Case 88	9	69,108,060	71,549,847	2	1	3	0
Case 88	9	71,551,140	71,849,766	1	1	2	0
Case 88	9	71,850,141	74,445,353	2	1	3	0
Case 88	9	74,463,295	75,229,248	1	0	1	0
Case 88	9	75,231,217	77,415,284	2	1	3	0
Case 88	9	77,416,972	77,727,884	1	1	2	0
Case 88	9	77,737,029	78,931,893	2	1	3	0
Case 88	9	78,932,693	81,100,971	1	1	2	0
Case 88	9	81,101,590	84,205,867	2	1	3	0
Case 88	9	84,205,928	84,305,732	1	1	2	0
Case 88	9	84,308,948	84,605,293	1	0	1	0
Case 88	9	84,605,716	86,258,564	2	1	3	0
Case 88	9	86,258,685	86,691,975	1	1	2	0
Case 88	9	86,693,470	86,939,823	2	1	3	0
Case 88	9	86,940,014	87,160,854	1	1	2	0
Case 88	9	87,167,205	88,353,231	2	1	3	0
Case 88	9	88,357,495	90,762,031	1	1	2	0
Case 88	9	90,763,539	91,259,439	1	0	1	0
Case 88	9	91,260,562	91,262,296	1	1	2	0
Case 88	9	91,262,347	91,635,785	2	1	3	0
Case 88	9	91,637,304	95,086,352	1	1	2	0
Case 88	9	95,087,824	95,263,179	1	0	1	0
Case 88	9	95,263,216	95,586,719	1	1	2	0
Case 88	9	95,590,093	95,753,319	1	0	1	0
Case 88	9	95,765,234	96,870,198	1	1	2	0
Case 88	9	96,873,151	97,334,274	1	0	1	0
Case 88	9	97,337,835	98,970,911	1	1	2	0
Case 88	9	98,972,430	100,049,972	1	0	1	0
Case 88	9	100,051,415	107,665,751	1	1	2	0
Case 88	9	107,666,513	108,125,138	1	0	1	0
Case 88	9	108,125,144	114,069,273	1	1	2	0
Case 88	9	114,078,716	115,216,344	1	0	1	0
Case 88	9	115,216,441	116,715,706	1	1	2	0
Case 88	9	116,722,693	117,004,489	2	1	3	0
Case 88	9	117,004,955	127,662,748	1	1	2	0
Case 88	9	127,670,702	128,137,615	1	0	1	0
Case 88	9	128,141,348	135,926,017	1	1	2	0
Case 88	9	135,926,241	136,379,838	2	1	3	0
Case 88	9	136,384,124	140,008,771	2	2	4	0
Case 88	9	140,018,138	140,201,614	2	1	3	0
Case 88	9	140,201,671	140,325,962	1	1	2	0
Case 88	9	140,327,663	140,526,439	2	1	3	0
Case 88	9	140,542,378	140,964,758	1	1	2	0
Case 88	9	140,968,222	141,066,491	2	1	3	0
Case 88	10	98,087	410,501	2	1	3	0
Case 88	10	412,449	1,183,739	1	1	2	0
Case 88	10	1,185,306	2,021,054	2	1	3	0
Case 88	10	2,022,323	11,762,016	1	1	2	0
Case 88	10	11,764,098	12,752,638	1	0	1	0
Case 88	10	12,754,862	14,651,346	1	1	2	0
Case 88	10	14,652,933	15,575,030	1	0	1	0
Case 88	10	15,576,783	16,100,091	1	1	2	0
Case 88	10	16,116,747	25,725,491	1	0	1	0
Case 88	10	25,726,938	26,574,893	1	1	2	0
Case 88	10	26,575,221	27,669,655	1	0	1	0
Case 88	10	27,673,128	32,273,277	2	0	2	1
Case 88	10	32,278,603	32,678,925	1	0	1	0

Case 88	10	32,684,126	35,028,713	2	0	2	1
Case 88	10	35,031,758	35,755,345	1	0	1	0
Case 88	10	35,772,405	38,672,399	2	0	2	1
Case 88	10	38,674,609	39,097,912	1	0	1	0
Case 88	10	42,436,301	43,441,729	1	0	1	0
Case 88	10	43,444,167	44,846,451	1	1	2	0
Case 88	10	44,849,350	45,464,100	2	1	3	0
Case 88	10	45,465,678	45,500,221	3	1	4	0
Case 88	10	45,504,012	46,290,340	2	0	2	1
Case 88	10	46,518,615	47,543,322	4	0	4	1
Case 88	10	47,543,535	48,370,683	2	0	2	1
Case 88	10	48,370,731	49,853,274	2	1	3	0
Case 88	10	49,856,349	50,960,232	3	1	4	0
Case 88	10	50,964,656	52,842,355	2	0	2	1
Case 88	10	52,842,575	53,851,164	2	1	3	0
Case 88	10	53,852,736	54,629,426	2	0	2	1
Case 88	10	54,635,124	54,990,473	3	1	4	0
Case 88	10	54,991,244	58,885,646	2	0	2	1
Case 88	10	58,892,275	58,938,552	0	0	0	0
Case 88	10	58,941,396	59,013,036	2	0	2	1
Case 88	10	59,018,855	59,582,520	3	0	3	1
Case 88	10	59,582,901	60,610,919	2	0	2	1
Case 88	10	60,614,717	61,208,949	3	0	3	1
Case 88	10	61,210,179	61,998,060	2	0	2	1
Case 88	10	62,008,708	64,610,718	3	0	3	1
Case 88	10	64,615,451	64,847,409	2	0	2	1
Case 88	10	64,848,773	65,385,520	1	0	1	0
Case 88	10	65,391,113	65,694,772	2	0	2	1
Case 88	10	65,700,878	67,495,478	3	0	3	1
Case 88	10	67,496,301	69,543,385	2	0	2	1
Case 88	10	69,546,194	70,573,834	1	0	1	0
Case 88	10	70,577,222	70,667,461	2	0	2	1
Case 88	10	70,670,072	71,088,538	3	0	3	1
Case 88	10	71,091,013	73,849,639	4	0	4	1
Case 88	10	73,855,115	75,871,844	2	0	2	1
Case 88	10	75,873,961	77,879,106	3	0	3	1
Case 88	10	77,881,218	78,945,858	4	0	4	1
Case 88	10	78,949,728	79,814,747	3	0	3	1
Case 88	10	79,819,308	81,682,527	4	0	4	1
Case 88	10	81,684,075	82,452,030	2	0	2	1
Case 88	10	82,452,051	83,828,693	3	0	3	1
Case 88	10	83,831,519	88,602,368	2	0	2	1
Case 88	10	88,603,966	90,122,388	1	0	1	0
Case 88	10	90,122,468	90,699,265	2	0	2	1
Case 88	10	90,710,975	93,643,371	1	0	1	0
Case 88	10	93,644,552	94,814,907	0	0	0	0
Case 88	10	94,819,053	94,821,204	2	0	2	1
Case 88	10	94,821,903	94,822,350	1	0	1	0
Case 88	10	94,822,580	94,822,669	2	0	2	1
Case 88	10	94,824,145	99,624,937	1	0	1	0
Case 88	10	99,625,319	99,846,671	2	1	3	0
Case 88	10	99,847,987	101,284,637	2	0	2	1
Case 88	10	101,287,764	102,242,519	1	0	1	0
Case 88	10	102,243,387	108,555,958	2	0	2	1
Case 88	10	108,559,699	114,833,850	1	0	1	0
Case 88	10	114,834,498	115,412,708	2	0	2	1
Case 88	10	115,412,757	119,573,470	1	0	1	0
Case 88	10	119,576,277	120,371,617	2	0	2	1
Case 88	10	120,381,018	121,356,382	1	0	1	0
Case 88	10	121,357,825	124,041,447	2	0	2	1
Case 88	10	124,041,701	125,242,283	3	0	3	1

Case 88	10	125,245,215	126,007,164	2	0	2	1
Case 88	10	126,007,929	126,672,779	1	0	1	0
Case 88	10	126,673,998	126,764,413	2	0	2	1
Case 88	10	126,773,746	127,859,846	1	0	1	0
Case 88	10	127,862,926	130,580,494	2	0	2	1
Case 88	10	130,581,094	132,607,399	2	1	3	0
Case 88	10	132,608,211	132,992,902	2	0	2	1
Case 88	10	132,993,796	135,180,455	2	1	3	0
Case 88	10	135,183,094	135,477,883	3	1	4	0
Case 88	11	193,146	499,965	2	1	3	0
Case 88	11	500,566	609,358	1	1	2	0
Case 88	11	609,553	1,033,055	2	1	3	0
Case 88	11	1,037,029	1,084,753	1	0	1	0
Case 88	11	1,084,801	1,309,985	2	1	3	0
Case 88	11	1,309,988	3,661,036	1	1	2	0
Case 88	11	3,661,052	4,213,853	1	0	1	0
Case 88	11	4,215,172	8,662,310	1	1	2	0
Case 88	11	8,662,501	9,199,735	1	0	1	0
Case 88	11	9,199,780	9,679,145	0	0	0	0
Case 88	11	9,685,741	10,295,144	1	0	1	0
Case 88	11	10,296,667	17,037,793	1	1	2	0
Case 88	11	17,062,454	17,352,470	1	0	1	0
Case 88	11	17,369,517	18,267,027	1	1	2	0
Case 88	11	18,267,057	18,729,488	1	0	1	0
Case 88	11	18,729,525	31,012,090	1	1	2	0
Case 88	11	31,027,219	32,604,045	2	1	3	0
Case 88	11	32,608,473	33,375,034	2	0	2	1
Case 88	11	33,376,095	43,957,859	2	1	3	0
Case 88	11	43,960,386	43,972,609	1	1	2	0
Case 88	11	43,975,742	46,401,108	2	2	4	0
Case 88	11	46,406,715	47,609,867	1	1	2	0
Case 88	11	47,610,080	48,085,968	1	0	1	0
Case 88	11	48,097,480	48,558,249	2	0	2	1
Case 88	11	48,581,765	49,010,832	0	0	0	0
Case 88	11	49,018,666	50,170,337	2	0	2	1
Case 88	11	50,179,838	51,591,253	0	0	0	0
Case 88	11	54,794,237	55,111,584	0	0	0	0
Case 88	11	55,121,706	55,340,204	2	0	2	1
Case 88	11	55,340,210	55,432,646	0	0	0	0
Case 88	11	55,432,668	63,327,654	2	0	2	1
Case 88	11	63,332,054	63,620,253	1	0	1	0
Case 88	11	63,639,881	64,046,641	2	0	2	1
Case 88	11	64,046,885	64,123,095	3	0	3	1
Case 88	11	64,124,515	71,850,722	2	0	2	1
Case 88	11	71,850,785	73,372,299	1	1	2	0
Case 88	11	73,373,552	73,679,447	1	0	1	0
Case 88	11	73,679,453	77,309,533	1	1	2	0
Case 88	11	77,311,445	77,870,486	1	0	1	0
Case 88	11	77,875,386	78,476,557	1	1	2	0
Case 88	11	78,483,823	78,915,775	2	2	4	0
Case 88	11	78,915,933	80,051,161	2	1	3	0
Case 88	11	80,052,487	98,342,466	1	1	2	0
Case 88	11	98,343,637	98,890,724	1	0	1	0
Case 88	11	98,894,022	101,821,444	1	1	2	0
Case 88	11	101,824,479	102,357,279	1	0	1	0
Case 88	11	102,358,107	107,397,587	1	1	2	0
Case 88	11	107,398,698	108,509,754	1	0	1	0
Case 88	11	108,525,801	109,899,405	1	1	2	0
Case 88	11	109,900,455	110,336,182	1	0	1	0
Case 88	11	110,341,416	111,595,189	1	1	2	0
Case 88	11	111,597,442	112,138,835	1	0	1	0

Case 88	11	112,139,158	113,009,703	1	1	2	0
Case 88	11	113,011,346	113,346,955	2	1	3	0
Case 88	11	113,355,736	115,104,172	1	1	2	0
Case 88	11	115,104,646	116,226,845	2	1	3	0
Case 88	11	116,227,259	117,242,072	1	1	2	0
Case 88	11	117,242,165	118,210,195	2	1	3	0
Case 88	11	118,211,162	118,940,182	1	1	2	0
Case 88	11	118,940,957	122,314,282	2	1	3	0
Case 88	11	122,317,996	123,562,397	1	1	2	0
Case 88	11	123,564,532	129,202,156	2	1	3	0
Case 88	11	129,202,392	130,271,647	1	1	2	0
Case 88	11	130,275,346	132,269,933	2	1	3	0
Case 88	11	132,273,291	134,117,015	1	1	2	0
Case 88	11	134,119,132	134,359,194	2	1	3	0
Case 88	11	134,359,886	134,621,010	1	1	2	0
Case 88	11	134,622,564	134,934,063	2	2	4	0
Case 88	12	191,619	248,071	7	0	7	1
Case 88	12	249,007	249,007	5	0	5	1
Case 88	12	250,130	638,166	4	0	4	1
Case 88	12	644,337	1,354,345	3	0	3	1
Case 88	12	1,357,860	5,456,264	4	0	4	1
Case 88	12	5,456,976	6,173,538	3	0	3	1
Case 88	12	6,174,729	7,880,551	2	0	2	1
Case 88	12	7,882,199	8,267,225	1	0	1	0
Case 88	12	8,270,922	13,459,029	2	0	2	1
Case 88	12	13,460,880	14,101,954	3	0	3	1
Case 88	12	14,104,442	16,552,279	2	0	2	1
Case 88	12	16,562,400	16,934,292	3	0	3	1
Case 88	12	16,936,369	18,414,253	2	0	2	1
Case 88	12	18,416,494	19,211,642	2	2	4	0
Case 88	12	19,217,690	19,841,659	1	1	2	0
Case 88	12	19,843,854	25,014,276	2	2	4	0
Case 88	12	25,022,598	26,166,534	2	1	3	0
Case 88	12	26,171,593	26,687,654	2	2	4	0
Case 88	12	26,689,621	27,877,003	2	1	3	0
Case 88	12	27,890,497	28,073,965	1	1	2	0
Case 88	12	28,075,600	31,406,809	2	2	4	0
Case 88	12	31,406,907	33,185,601	1	1	2	0
Case 88	12	33,192,192	34,200,389	2	2	4	0
Case 88	12	34,210,675	34,810,203	1	1	2	0
Case 88	12	34,819,926	34,853,011	1	0	1	0
Case 88	12	37,876,400	38,642,772	1	0	1	0
Case 88	12	38,647,828	41,955,272	1	1	2	0
Case 88	12	41,958,100	42,057,459	2	1	3	0
Case 88	12	42,072,698	42,287,373	3	1	4	0
Case 88	12	42,288,768	43,063,026	2	0	2	1
Case 88	12	43,063,188	43,152,847	2	1	3	0
Case 88	12	43,153,849	44,132,928	3	1	4	0
Case 88	12	44,134,417	44,782,265	2	1	3	0
Case 88	12	44,782,279	45,547,736	3	1	4	0
Case 88	12	45,548,772	47,072,741	2	1	3	0
Case 88	12	47,093,014	47,461,183	3	1	4	0
Case 88	12	47,463,575	47,782,209	2	0	2	1
Case 88	12	47,784,221	48,596,905	2	1	3	0
Case 88	12	48,596,967	50,551,543	1	1	2	0
Case 88	12	50,560,980	51,596,763	1	0	1	0
Case 88	12	51,609,600	52,393,208	1	1	2	0
Case 88	12	52,396,544	53,101,668	2	2	4	0
Case 88	12	53,102,196	53,453,014	2	1	3	0
Case 88	12	53,453,281	57,323,523	1	1	2	0
Case 88	12	57,324,019	57,643,001	2	1	3	0



Case 88	12	57,643,205	58,396,973	1	1	2	0
Case 88	12	58,403,744	60,861,909	2	1	3	0
Case 88	12	60,863,550	63,463,557	1	1	2	0
Case 88	12	63,466,131	63,792,080	2	1	3	0
Case 88	12	63,792,298	64,764,152	1	1	2	0
Case 88	12	64,777,704	65,270,150	1	0	1	0
Case 88	12	65,270,216	68,817,323	2	0	2	1
Case 88	12	68,823,115	69,806,747	1	0	1	0
Case 88	12	69,808,865	74,007,403	2	0	2	1
Case 88	12	74,012,068	75,900,262	2	1	3	0
Case 88	12	75,900,382	77,911,322	1	1	2	0
Case 88	12	77,925,677	79,849,791	2	1	3	0
Case 88	12	79,864,633	80,690,872	1	1	2	0
Case 88	12	80,690,919	82,914,248	2	1	3	0
Case 88	12	82,918,667	83,753,247	1	1	2	0
Case 88	12	83,755,167	89,589,948	2	1	3	0
Case 88	12	89,593,960	90,273,298	1	1	2	0
Case 88	12	90,277,578	92,377,558	2	1	3	0
Case 88	12	92,384,658	95,179,179	1	1	2	0
Case 88	12	95,179,862	96,123,609	1	0	1	0
Case 88	12	96,124,901	96,653,501	1	1	2	0
Case 88	12	96,653,599	97,053,639	1	0	1	0
Case 88	12	97,053,902	98,606,472	2	1	3	0
Case 88	12	98,608,519	99,612,149	1	1	2	0
Case 88	12	99,624,689	100,230,985	2	1	3	0
Case 88	12	100,243,554	100,272,231	1	1	2	0
Case 88	12	100,278,040	100,657,491	1	0	1	0
Case 88	12	100,657,515	102,718,009	1	1	2	0
Case 88	12	102,726,338	104,076,999	2	1	3	0
Case 88	12	104,080,598	105,842,283	1	1	2	0
Case 88	12	105,846,410	106,542,947	2	1	3	0
Case 88	12	106,547,004	108,061,806	1	1	2	0
Case 88	12	108,062,373	108,726,546	2	1	3	0
Case 88	12	108,731,605	110,471,609	1	1	2	0
Case 88	12	110,471,635	111,082,827	1	0	1	0
Case 88	12	111,082,911	111,910,219	1	1	2	0
Case 88	12	111,911,285	112,919,869	1	0	1	0
Case 88	12	112,923,361	113,055,215	2	1	3	0
Case 88	12	113,055,883	113,448,288	3	1	4	0
Case 88	12	113,448,652	113,873,337	2	1	3	0
Case 88	12	113,874,590	114,962,158	3	1	4	0
Case 88	12	114,969,763	115,387,033	2	0	2	1
Case 88	12	115,387,796	117,693,037	2	1	3	0
Case 88	12	117,693,744	118,137,365	3	1	4	0
Case 88	12	118,139,540	119,095,239	2	0	2	1
Case 88	12	119,104,574	120,098,008	3	0	3	1
Case 88	12	120,098,409	122,693,095	2	0	2	1
Case 88	12	122,693,107	123,131,824	1	0	1	0
Case 88	12	123,145,864	124,325,360	2	0	2	1
Case 88	12	124,325,977	129,264,449	3	0	3	1
Case 88	12	129,266,496	129,500,352	2	0	2	1
Case 88	12	129,500,451	132,401,102	3	0	3	1
Case 88	12	132,401,542	132,402,007	6	1	7	0
Case 88	12	132,403,161	133,728,485	3	0	3	1
Case 88	12	133,729,999	133,732,580	4	0	4	1
Case 88	12	133,732,604	133,810,935	5	0	5	1
Case 88	13	19,058,717	20,154,390	2	0	2	1
Case 88	13	20,159,017	20,749,239	1	0	1	0
Case 88	13	20,750,106	21,165,139	2	0	2	1
Case 88	13	21,165,145	21,682,068	1	0	1	0
Case 88	13	21,683,169	21,750,890	2	0	2	1

Case 88	13	21,751,052	22,241,766	0	0	0	0
Case 88	13	22,243,370	23,090,263	1	1	2	0
Case 88	13	23,091,684	24,243,247	1	0	1	0
Case 88	13	24,243,360	25,094,406	1	1	2	0
Case 88	13	25,094,789	38,203,427	2	0	2	1
Case 88	13	38,204,517	39,949,981	2	1	3	0
Case 88	13	39,950,178	40,159,333	2	0	2	1
Case 88	13	40,162,979	40,297,530	2	1	3	0
Case 88	13	40,297,684	40,572,070	3	1	4	0
Case 88	13	40,593,772	43,754,499	2	0	2	1
Case 88	13	43,754,772	44,559,045	2	1	3	0
Case 88	13	44,559,850	47,337,846	2	0	2	1
Case 88	13	47,345,330	48,329,771	2	1	3	0
Case 88	13	48,331,291	53,419,675	2	0	2	1
Case 88	13	53,420,234	57,353,820	2	1	3	0
Case 88	13	57,358,169	58,000,353	2	0	2	1
Case 88	13	58,004,699	58,156,310	2	1	3	0
Case 88	13	58,158,127	59,151,845	3	1	4	0
Case 88	13	59,152,021	60,454,928	2	0	2	1
Case 88	13	60,456,938	61,423,727	3	0	3	1
Case 88	13	61,424,293	61,450,130	2	0	2	1
Case 88	13	61,451,581	61,462,011	2	1	3	0
Case 88	13	61,471,698	62,316,640	3	1	4	0
Case 88	13	62,321,073	69,219,073	1	1	2	0
Case 88	13	69,223,307	69,518,579	1	0	1	0
Case 88	13	69,520,062	69,771,072	2	0	2	1
Case 88	13	69,772,154	71,793,157	1	0	1	0
Case 88	13	71,797,243	73,047,250	2	0	2	1
Case 88	13	73,048,219	88,327,997	1	0	1	0
Case 88	13	88,328,029	89,059,916	2	0	2	1
Case 88	13	89,060,155	91,426,610	1	0	1	0
Case 88	13	91,427,218	95,163,152	1	1	2	0
Case 88	13	95,166,661	96,511,868	1	0	1	0
Case 88	13	96,515,890	98,509,302	1	1	2	0
Case 88	13	98,509,346	98,774,904	1	0	1	0
Case 88	13	98,776,396	99,668,881	1	1	2	0
Case 88	13	99,670,271	101,135,491	1	0	1	0
Case 88	13	101,141,871	101,562,506	1	1	2	0
Case 88	13	101,562,964	103,203,024	2	1	3	0
Case 88	13	103,203,070	103,715,022	2	0	2	1
Case 88	13	103,715,046	108,085,618	2	1	3	0
Case 88	13	108,087,499	108,470,487	2	0	2	1
Case 88	13	108,470,537	114,930,355	2	1	3	0
Case 88	13	114,930,955	115,103,529	3	1	4	0
Case 88	14	19,280,733	20,444,162	3	0	3	1
Case 88	14	20,444,182	20,692,574	1	1	2	0
Case 88	14	20,692,595	21,458,649	1	0	1	0
Case 88	14	21,458,668	21,575,963	1	1	2	0
Case 88	14	21,577,837	22,102,800	1	0	1	0
Case 88	14	22,102,871	22,380,824	1	1	2	0
Case 88	14	22,381,668	22,979,348	2	1	3	0
Case 88	14	22,980,408	23,079,840	1	1	2	0
Case 88	14	23,080,679	23,511,502	1	0	1	0
Case 88	14	23,511,538	31,068,090	1	1	2	0
Case 88	14	31,069,354	32,282,564	1	0	1	0
Case 88	14	32,294,740	33,875,672	1	1	2	0
Case 88	14	33,875,903	34,170,982	2	1	3	0
Case 88	14	34,172,003	34,801,463	1	1	2	0
Case 88	14	34,801,696	35,675,238	0	0	0	0
Case 88	14	35,682,172	35,716,132	2	0	2	1
Case 88	14	35,717,282	36,479,827	1	0	1	0

Case 88	14	36,481,782	39,346,879	1	1	2	0
Case 88	14	39,348,403	40,027,457	1	0	1	0
Case 88	14	40,032,019	44,814,353	1	1	2	0
Case 88	14	44,815,987	46,361,344	1	0	1	0
Case 88	14	46,367,455	49,948,307	1	1	2	0
Case 88	14	49,951,350	51,615,152	1	0	1	0
Case 88	14	51,635,272	52,756,594	1	1	2	0
Case 88	14	52,761,693	53,562,620	1	0	1	0
Case 88	14	53,570,437	55,306,240	1	1	2	0
Case 88	14	55,306,804	56,081,129	1	0	1	0
Case 88	14	56,081,149	58,606,016	1	1	2	0
Case 88	14	58,606,251	59,111,988	1	0	1	0
Case 88	14	59,112,221	61,005,625	1	1	2	0
Case 88	14	61,015,153	61,717,064	1	0	1	0
Case 88	14	61,724,753	63,177,144	1	1	2	0
Case 88	14	63,177,577	65,049,394	1	0	1	0
Case 88	14	65,053,997	65,530,916	1	1	2	0
Case 88	14	65,534,084	66,052,713	1	0	1	0
Case 88	14	66,055,943	66,983,034	1	1	2	0
Case 88	14	67,005,434	68,600,494	1	0	1	0
Case 88	14	68,609,319	70,789,805	1	1	2	0
Case 88	14	70,791,493	71,511,602	1	0	1	0
Case 88	14	71,514,668	73,459,917	1	1	2	0
Case 88	14	73,459,927	74,759,301	1	0	1	0
Case 88	14	74,759,919	75,434,102	1	1	2	0
Case 88	14	75,443,103	76,011,326	1	0	1	0
Case 88	14	76,015,954	77,819,247	1	1	2	0
Case 88	14	77,829,167	78,370,925	1	0	1	0
Case 88	14	78,371,389	89,783,562	1	1	2	0
Case 88	14	89,788,367	90,754,006	1	0	1	0
Case 88	14	90,754,538	91,248,030	1	1	2	0
Case 88	14	91,252,559	92,677,528	1	0	1	0
Case 88	14	92,680,083	93,621,420	1	1	2	0
Case 88	14	93,629,959	94,041,411	1	0	1	0
Case 88	14	94,041,488	102,384,258	1	1	2	0
Case 88	14	102,385,457	103,263,788	1	0	1	0
Case 88	14	103,265,666	103,696,504	1	1	2	0
Case 88	14	103,697,633	104,169,623	1	0	1	0
Case 88	14	104,169,659	104,559,926	1	1	2	0
Case 88	14	104,561,886	107,287,663	2	1	3	0
Case 88	15	20,034,919	22,652,330	2	0	2	1
Case 88	15	22,750,305	25,333,590	1	0	1	0
Case 88	15	25,334,086	32,404,084	1	1	2	0
Case 88	15	32,408,231	33,118,446	1	0	1	0
Case 88	15	33,124,275	33,388,684	1	1	2	0
Case 88	15	33,390,667	33,685,830	1	0	1	0
Case 88	15	33,685,845	34,134,195	1	1	2	0
Case 88	15	34,134,386	34,671,124	1	0	1	0
Case 88	15	34,718,594	35,064,331	1	1	2	0
Case 88	15	35,065,284	35,951,109	2	0	2	1
Case 88	15	35,951,422	40,395,403	2	1	3	0
Case 88	15	40,396,444	40,898,141	2	0	2	1
Case 88	15	40,898,604	41,819,716	1	0	1	0
Case 88	15	41,819,719	42,688,772	1	1	2	0
Case 88	15	42,688,993	43,489,544	1	0	1	0
Case 88	15	43,489,611	44,087,935	1	1	2	0
Case 88	15	44,088,374	45,312,309	1	0	1	0
Case 88	15	45,314,764	45,584,438	1	1	2	0
Case 88	15	45,599,370	46,181,244	1	0	1	0
Case 88	15	46,195,108	49,085,583	2	1	3	0
Case 88	15	49,088,213	49,686,417	1	1	2	0

Case 88	15	49,699,463	49,882,131	2	1	3	0
Case 88	15	49,906,370	50,275,011	3	1	4	0
Case 88	15	50,275,056	51,304,373	2	0	2	1
Case 88	15	51,335,363	52,007,217	3	1	4	0
Case 88	15	52,007,522	52,983,294	2	1	3	0
Case 88	15	52,985,280	54,177,677	3	1	4	0
Case 88	15	54,177,689	55,386,743	2	1	3	0
Case 88	15	55,393,183	57,620,958	1	1	2	0
Case 88	15	57,622,600	57,816,946	2	0	2	1
Case 88	15	57,817,050	58,253,106	2	1	3	0
Case 88	15	58,253,231	58,357,800	3	1	4	0
Case 88	15	58,371,682	59,084,268	2	0	2	1
Case 88	15	59,086,703	59,486,640	1	0	1	0
Case 88	15	59,487,386	60,917,275	2	0	2	1
Case 88	15	60,918,417	62,269,312	2	1	3	0
Case 88	15	62,269,392	62,877,406	2	0	2	1
Case 88	15	62,885,173	63,322,026	2	1	3	0
Case 88	15	63,323,779	64,078,438	2	0	2	1
Case 88	15	64,091,049	65,487,209	1	0	1	0
Case 88	15	65,488,409	66,305,532	2	0	2	1
Case 88	15	66,311,508	67,021,996	3	0	3	1
Case 88	15	67,030,031	68,500,645	2	0	2	1
Case 88	15	68,500,660	68,758,506	3	0	3	1
Case 88	15	68,759,467	70,054,103	2	0	2	1
Case 88	15	70,055,377	70,957,107	3	0	3	1
Case 88	15	70,957,117	74,176,910	2	0	2	1
Case 88	15	74,177,197	74,751,139	3	0	3	1
Case 88	15	74,770,334	77,928,379	2	0	2	1
Case 88	15	77,932,438	78,311,343	3	0	3	1
Case 88	15	78,315,497	79,235,446	2	0	2	1
Case 88	15	79,237,247	79,812,794	3	0	3	1
Case 88	15	79,814,087	102,264,535	2	0	2	1
Case 88	15	102,267,222	102,461,162	3	0	3	1
Case 88	16	88,165	216,636	4	2	6	0
Case 88	16	221,057	225,653	1	1	2	0
Case 88	16	230,538	460,673	2	1	3	0
Case 88	16	460,981	553,035	1	1	2	0
Case 88	16	555,578	1,470,068	2	2	4	0
Case 88	16	1,470,206	3,165,845	2	1	3	0
Case 88	16	3,165,900	4,758,465	1	1	2	0
Case 88	16	4,764,061	5,112,563	2	1	3	0
Case 88	16	5,115,228	10,427,647	1	1	2	0
Case 88	16	10,428,747	10,626,763	1	0	1	0
Case 88	16	10,626,769	25,843,481	1	1	2	0
Case 88	16	25,848,806	28,167,623	2	0	2	1
Case 88	16	28,181,093	28,601,802	1	0	1	0
Case 88	16	28,602,991	33,918,288	1	1	2	0
Case 88	16	34,004,547	35,285,582	1	0	1	0
Case 88	16	46,450,037	47,699,855	1	0	1	0
Case 88	16	47,703,157	50,030,320	1	1	2	0
Case 88	16	50,038,302	50,281,671	1	0	1	0
Case 88	16	50,292,343	52,777,252	1	1	2	0
Case 88	16	52,777,446	53,858,954	1	0	1	0
Case 88	16	53,859,158	58,161,514	1	1	2	0
Case 88	16	58,163,096	59,241,430	1	0	1	0
Case 88	16	59,247,683	66,600,673	1	1	2	0
Case 88	16	66,606,901	66,915,446	1	0	1	0
Case 88	16	66,918,260	67,006,899	1	1	2	0
Case 88	16	67,007,914	70,833,405	1	0	1	0
Case 88	16	70,841,632	71,408,287	1	1	2	0
Case 88	16	71,408,475	72,094,308	1	0	1	0

Case 88	16	72,094,348	73,847,806	1	1	2	0
Case 88	16	73,848,433	76,314,954	1	0	1	0
Case 88	16	76,320,905	77,132,965	1	1	2	0
Case 88	16	77,134,281	78,970,051	1	0	1	0
Case 88	16	78,970,114	80,780,367	1	1	2	0
Case 88	16	80,785,448	81,863,593	1	0	1	0
Case 88	16	81,865,235	88,871,230	1	1	2	0
Case 88	16	88,871,873	89,293,891	2	1	3	0
Case 88	16	89,293,949	89,986,025	1	1	2	0
Case 88	16	89,986,030	90,274,695	2	1	3	0
Case 88	17	11,885	128,389	3	1	4	0
Case 88	17	129,225	9,274,797	2	0	2	1
Case 88	17	9,300,195	9,613,339	1	0	1	0
Case 88	17	9,613,717	12,761,374	2	0	2	1
Case 88	17	12,761,448	13,831,105	1	0	1	0
Case 88	17	13,832,462	19,480,808	2	0	2	1
Case 88	17	19,484,951	22,242,355	1	0	1	0
Case 88	17	25,268,142	25,702,787	1	0	1	0
Case 88	17	25,712,690	27,448,035	1	1	2	0
Case 88	17	27,448,045	31,094,760	1	0	1	0
Case 88	17	31,099,821	34,340,347	1	1	2	0
Case 88	17	34,340,860	34,431,342	2	0	2	1
Case 88	17	34,431,360	34,436,708	3	0	3	1
Case 88	17	34,443,811	34,476,396	6	1	7	0
Case 88	17	34,597,521	34,815,551	3	0	3	1
Case 88	17	34,819,191	35,483,943	2	0	2	1
Case 88	17	35,488,423	36,478,028	1	0	1	0
Case 88	17	36,478,144	37,032,301	1	1	2	0
Case 88	17	37,035,312	37,682,393	1	0	1	0
Case 88	17	37,682,533	39,463,103	2	0	2	1
Case 88	17	39,464,046	39,681,522	3	0	3	1
Case 88	17	39,686,057	41,063,312	2	0	2	1
Case 88	17	41,063,361	41,570,078	1	0	1	0
Case 88	17	41,570,144	42,932,244	2	0	2	1
Case 88	17	42,934,505	43,520,398	1	1	2	0
Case 88	17	43,539,411	47,900,880	2	0	2	1
Case 88	17	47,902,078	48,775,776	2	1	3	0
Case 88	17	48,776,874	49,552,676	2	0	2	1
Case 88	17	49,564,505	50,715,795	3	1	4	0
Case 88	17	50,740,695	53,649,475	3	0	3	1
Case 88	17	53,649,729	53,900,140	2	0	2	1
Case 88	17	53,903,361	54,773,951	2	1	3	0
Case 88	17	54,776,682	55,356,341	1	1	2	0
Case 88	17	55,358,820	56,517,962	2	1	3	0
Case 88	17	56,536,257	56,621,286	1	1	2	0
Case 88	17	56,621,519	59,369,452	1	0	1	0
Case 88	17	59,372,034	59,675,381	1	1	2	0
Case 88	17	59,676,854	60,720,362	0	0	0	0
Case 88	17	60,737,092	62,300,514	1	1	2	0
Case 88	17	62,300,587	64,443,372	1	0	1	0
Case 88	17	64,443,629	65,105,513	1	1	2	0
Case 88	17	65,105,604	66,494,657	1	0	1	0
Case 88	17	66,505,856	67,226,643	1	1	2	0
Case 88	17	67,235,705	68,102,331	1	0	1	0
Case 88	17	68,102,616	74,993,606	1	1	2	0
Case 88	17	74,995,894	75,181,098	1	0	1	0
Case 88	17	75,183,122	77,073,901	1	1	2	0
Case 88	17	77,075,625	77,873,520	2	1	3	0
Case 88	17	77,876,362	79,021,058	1	1	2	0
Case 88	17	79,023,380	80,050,654	2	1	3	0
Case 88	17	80,051,546	80,615,643	1	1	2	0

Case 88	17	80,615,788	81,060,040	2	1	3	0
Case 88	18	87,505	457,853	2	1	3	0
Case 88	18	458,383	497,729	1	1	2	0
Case 88	18	503,177	843,971	1	0	1	0
Case 88	18	844,449	2,404,134	2	1	3	0
Case 88	18	2,406,195	3,339,405	1	1	2	0
Case 88	18	3,340,817	3,748,024	1	0	1	0
Case 88	18	3,748,286	9,255,718	2	1	3	0
Case 88	18	9,255,784	9,748,110	2	0	2	1
Case 88	18	9,749,879	11,775,386	2	1	3	0
Case 88	18	11,775,522	13,157,966	1	1	2	0
Case 88	18	13,163,903	15,082,789	2	1	3	0
Case 88	18	15,102,421	15,375,878	2	0	2	1
Case 88	18	18,520,354	19,789,487	2	0	2	1
Case 88	18	19,790,078	21,636,484	2	1	3	0
Case 88	18	21,640,817	21,640,817	2	0	2	1
Case 88	18	21,643,443	22,064,012	1	1	2	0
Case 88	18	22,064,294	29,407,246	2	1	3	0
Case 88	18	29,409,319	29,679,922	1	0	1	0
Case 88	18	29,685,883	29,969,986	1	1	2	0
Case 88	18	29,970,570	38,478,646	2	1	3	0
Case 88	18	38,479,732	43,505,720	3	1	4	0
Case 88	18	43,508,800	43,590,067	2	0	2	1
Case 88	18	43,590,990	43,669,677	1	0	1	0
Case 88	18	43,669,679	43,669,856	2	0	2	1
Case 88	18	43,671,709	43,880,955	1	1	2	0
Case 88	18	43,883,487	46,419,946	2	1	3	0
Case 88	18	46,423,345	47,329,070	1	1	2	0
Case 88	18	47,329,071	47,566,656	2	1	3	0
Case 88	18	47,566,678	49,014,615	1	1	2	0
Case 88	18	49,015,440	50,692,978	2	1	3	0
Case 88	18	50,694,304	52,752,017	1	1	2	0
Case 88	18	52,756,171	54,949,387	2	1	3	0
Case 88	18	54,950,575	63,716,832	1	1	2	0
Case 88	18	63,719,407	64,308,198	2	1	3	0
Case 88	18	64,316,535	65,378,004	1	1	2	0
Case 88	18	65,378,287	65,933,548	2	1	3	0
Case 88	18	65,934,092	72,250,823	1	1	2	0
Case 88	18	72,250,883	74,178,139	2	1	3	0
Case 88	18	74,180,990	75,780,436	1	1	2	0
Case 88	18	75,780,603	76,021,488	2	2	4	0
Case 88	18	76,021,556	77,770,322	1	1	2	0
Case 88	18	77,787,419	78,015,180	2	2	4	0
Case 88	19	260,912	316,040	3	1	4	0
Case 88	19	318,308	958,495	2	0	2	1
Case 88	19	960,445	1,005,173	2	1	3	0
Case 88	19	1,005,224	1,049,396	3	1	4	0
Case 88	19	1,050,996	6,534,761	2	0	2	1
Case 88	19	6,534,841	6,658,613	1	0	1	0
Case 88	19	6,658,636	6,782,574	2	0	2	1
Case 88	19	6,786,271	7,261,441	1	0	1	0
Case 88	19	7,266,944	8,633,943	2	0	2	1
Case 88	19	8,634,766	9,049,725	1	0	1	0
Case 88	19	9,049,745	9,096,304	2	0	2	1
Case 88	19	9,101,672	9,380,978	1	0	1	0
Case 88	19	9,395,584	9,395,584	2	0	2	1
Case 88	19	9,401,159	9,932,831	0	0	0	0
Case 88	19	9,939,092	10,624,525	2	0	2	1
Case 88	19	10,624,735	11,730,545	1	1	2	0
Case 88	19	11,735,558	12,692,001	0	0	0	0
Case 88	19	12,692,033	18,242,604	1	1	2	0

Case 88	19	18,245,512	19,740,804	2	1	3	0
Case 88	19	19,740,906	19,770,777	1	1	2	0
Case 88	19	19,770,790	24,217,064	1	0	1	0
Case 88	19	24,222,489	24,629,285	0	0	0	0
Case 88	19	27,732,159	28,095,812	0	0	0	0
Case 88	19	28,101,122	31,026,543	2	0	2	1
Case 88	19	31,026,875	31,924,649	3	0	3	1
Case 88	19	31,925,003	32,845,370	2	0	2	1
Case 88	19	32,845,598	33,696,362	1	0	1	0
Case 88	19	33,696,830	34,407,747	2	0	2	1
Case 88	19	34,411,472	35,069,082	1	0	1	0
Case 88	19	35,075,482	36,674,305	2	0	2	1
Case 88	19	36,674,347	37,383,100	0	0	0	0
Case 88	19	37,383,253	37,397,301	2	0	2	1
Case 88	19	37,399,350	38,024,271	1	0	1	0
Case 88	19	38,024,288	38,028,484	2	0	2	1
Case 88	19	38,030,003	38,307,559	0	0	0	0
Case 88	19	38,307,904	38,946,182	2	0	2	1
Case 88	19	38,948,881	40,446,140	1	1	2	0
Case 88	19	40,447,257	40,719,959	1	0	1	0
Case 88	19	40,720,381	43,328,006	1	1	2	0
Case 88	19	43,344,686	43,539,189	0	0	0	0
Case 88	19	43,556,843	43,559,330	2	0	2	1
Case 88	19	43,575,187	43,866,823	2	2	4	0
Case 88	19	43,870,887	44,117,166	1	1	2	0
Case 88	19	44,117,769	44,795,565	2	0	2	1
Case 88	19	44,803,508	46,716,716	2	1	3	0
Case 88	19	46,719,646	46,953,488	1	1	2	0
Case 88	19	46,954,262	47,288,150	2	1	3	0
Case 88	19	47,290,930	47,823,871	2	0	2	1
Case 88	19	47,823,934	48,848,506	1	1	2	0
Case 88	19	48,848,554	49,183,284	2	1	3	0
Case 88	19	49,184,380	49,206,658	1	0	1	0
Case 88	19	49,206,726	52,240,318	2	1	3	0
Case 88	19	52,240,842	52,439,298	1	1	2	0
Case 88	19	52,442,262	53,521,083	1	0	1	0
Case 88	19	53,522,100	53,554,075	5	0	5	1
Case 88	19	53,554,240	53,565,122	1	1	2	0
Case 88	19	53,566,629	53,747,000	1	0	1	0
Case 88	19	53,747,024	53,911,553	2	0	2	1
Case 88	19	53,911,580	54,304,545	1	0	1	0
Case 88	19	54,304,571	54,519,954	2	0	2	1
Case 88	19	54,526,972	56,549,510	2	1	3	0
Case 88	19	56,549,532	57,139,555	1	1	2	0
Case 88	19	57,145,434	57,379,704	2	1	3	0
Case 88	19	57,392,229	57,569,912	1	0	1	0
Case 88	19	57,572,325	58,212,044	1	1	2	0
Case 88	19	58,213,007	58,491,461	1	0	1	0
Case 88	19	58,491,627	58,773,939	1	1	2	0
Case 88	19	58,774,064	58,967,858	2	1	3	0
Case 88	19	58,967,878	59,097,160	3	3	6	0
Case 88	20	63,244	169,701	2	1	3	0
Case 88	20	169,995	5,485,097	1	1	2	0
Case 88	20	5,487,848	6,021,768	1	0	1	0
Case 88	20	6,021,877	22,746,685	1	1	2	0
Case 88	20	22,749,430	23,016,854	2	2	4	0
Case 88	20	23,016,931	26,293,985	1	1	2	0
Case 88	20	29,425,357	34,242,725	1	1	2	0
Case 88	20	34,242,737	34,556,216	1	0	1	0
Case 88	20	34,556,714	35,240,557	1	1	2	0
Case 88	20	35,240,852	35,740,794	1	0	1	0

Case 88	20	35,742,471	36,330,118	1	1	2	0
Case 88	20	36,342,678	36,919,616	2	1	3	0
Case 88	20	36,920,753	37,576,160	1	1	2	0
Case 88	20	37,580,316	41,981,566	2	1	3	0
Case 88	20	41,981,702	44,591,324	1	1	2	0
Case 88	20	44,592,227	45,227,523	2	1	3	0
Case 88	20	45,228,584	46,695,252	1	1	2	0
Case 88	20	46,700,159	47,394,490	2	1	3	0
Case 88	20	47,394,788	50,469,544	1	1	2	0
Case 88	20	50,473,244	50,706,403	1	0	1	0
Case 88	20	50,710,691	55,597,892	1	1	2	0
Case 88	20	55,598,400	58,010,129	2	1	3	0
Case 88	20	58,011,875	58,210,005	1	1	2	0
Case 88	20	58,211,295	58,854,231	2	2	4	0
Case 88	20	58,856,822	59,134,718	1	1	2	0
Case 88	20	59,142,286	62,192,982	2	2	4	0
Case 88	20	62,193,253	62,227,062	3	1	4	0
Case 88	20	62,227,081	62,697,000	2	1	3	0
Case 88	20	62,698,484	62,948,788	3	1	4	0
Case 88	21	10,827,533	10,971,337	1	0	1	0
Case 88	21	14,368,320	16,298,857	1	0	1	0
Case 88	21	16,315,838	17,250,696	1	1	2	0
Case 88	21	17,275,170	19,437,980	1	0	1	0
Case 88	21	19,438,152	20,020,025	1	1	2	0
Case 88	21	20,028,118	23,235,604	1	0	1	0
Case 88	21	23,235,818	27,476,104	1	1	2	0
Case 88	21	27,481,343	27,724,640	1	0	1	0
Case 88	21	27,725,900	32,682,873	1	1	2	0
Case 88	21	32,688,912	32,954,765	1	0	1	0
Case 88	21	32,957,311	34,575,898	1	1	2	0
Case 88	21	34,576,385	35,199,880	1	0	1	0
Case 88	21	35,200,374	37,510,186	1	1	2	0
Case 88	21	37,510,224	37,807,318	1	0	1	0
Case 88	21	37,809,408	43,136,639	1	1	2	0
Case 88	21	43,138,836	43,740,749	2	1	3	0
Case 88	21	43,741,597	43,816,548	1	1	2	0
Case 88	21	43,822,402	44,117,586	2	2	4	0
Case 88	21	44,117,997	44,837,359	1	1	2	0
Case 88	21	44,837,555	47,557,244	2	1	3	0
Case 88	21	47,558,501	47,904,585	1	1	2	0
Case 88	21	47,905,496	48,100,155	2	2	4	0
Case 88	22	16,114,244	17,829,955	1	1	2	0
Case 88	22	17,831,441	18,229,187	1	0	1	0
Case 88	22	18,234,535	19,717,320	1	1	2	0
Case 88	22	19,717,620	20,260,814	2	1	3	0
Case 88	22	20,278,004	25,099,115	1	1	2	0
Case 88	22	25,103,024	25,300,658	1	0	1	0
Case 88	22	25,301,142	28,643,360	1	1	2	0
Case 88	22	28,643,510	29,533,165	1	0	1	0
Case 88	22	29,533,437	31,739,222	1	1	2	0
Case 88	22	31,740,564	32,764,881	1	0	1	0
Case 88	22	32,766,528	33,469,031	1	1	2	0
Case 88	22	33,469,284	34,514,810	1	0	1	0
Case 88	22	34,516,294	37,257,855	1	1	2	0
Case 88	22	37,258,503	37,873,012	2	1	3	0
Case 88	22	37,875,492	38,468,617	1	1	2	0
Case 88	22	38,471,068	43,527,681	1	0	1	0
Case 88	22	43,528,218	45,258,333	2	0	2	1
Case 88	22	45,258,344	45,413,112	1	1	2	0
Case 88	22	45,415,412	45,914,595	1	0	1	0
Case 88	22	45,916,679	46,667,037	2	0	2	1



Case 88	22	46,669,887	47,296,821	1	1	2	0
Case 88	22	47,302,584	47,634,970	2	1	3	0
Case 88	22	47,635,291	48,457,696	2	0	2	1
Case 88	22	48,460,689	49,302,696	2	1	3	0
Case 88	22	49,304,823	50,961,521	1	1	2	0
Case 88	22	50,961,578	51,195,728	2	2	4	0
Case 89	1	82,154	846,808	5	1	6	0
Case 89	1	854,250	1,196,471	2	0	2	1
Case 89	1	1,197,591	1,203,938	3	0	3	1
Case 89	1	1,210,471	1,269,741	1	0	1	0
Case 89	1	1,269,986	1,521,595	2	0	2	1
Case 89	1	1,549,605	1,549,605	3	0	3	1
Case 89	1	1,550,992	1,793,111	1	0	1	0
Case 89	1	1,801,034	29,616,224	2	0	2	1
Case 89	1	29,616,318	30,898,743	3	1	4	0
Case 89	1	30,898,855	34,042,937	2	1	3	0
Case 89	1	34,044,616	35,227,062	3	1	4	0
Case 89	1	35,227,078	41,932,580	2	1	3	0
Case 89	1	41,935,450	42,616,910	3	1	4	0
Case 89	1	42,618,740	74,858,724	2	1	3	0
Case 89	1	74,858,887	74,907,316	4	1	5	0
Case 89	1	74,918,027	94,495,407	2	1	3	0
Case 89	1	94,495,417	94,581,384	2	2	4	0
Case 89	1	94,581,456	121,280,613	2	1	3	0
Case 89	1	121,289,118	121,346,616	4	0	4	1
Case 89	1	142,649,718	145,095,477	4	0	4	1
Case 89	1	145,101,177	145,704,146	5	0	5	1
Case 89	1	145,704,167	147,820,342	7	0	7	1
Case 89	1	147,823,776	148,003,653	6	0	6	1
Case 89	1	148,551,025	150,884,271	2	1	3	0
Case 89	1	150,884,776	153,801,098	4	0	4	1
Case 89	1	153,805,735	155,146,102	5	0	5	1
Case 89	1	155,148,462	156,561,651	4	0	4	1
Case 89	1	156,561,901	157,276,277	4	1	5	0
Case 89	1	157,276,464	161,204,538	4	0	4	1
Case 89	1	161,205,693	161,398,984	4	1	5	0
Case 89	1	161,406,056	162,690,939	4	0	4	1
Case 89	1	162,694,593	164,383,642	4	1	5	0
Case 89	1	164,385,690	166,191,677	5	0	5	1
Case 89	1	166,206,684	166,319,377	4	0	4	1
Case 89	1	166,325,393	167,022,262	4	1	5	0
Case 89	1	167,022,381	168,463,587	4	0	4	1
Case 89	1	168,465,557	169,121,811	4	1	5	0
Case 89	1	169,123,592	169,765,340	4	0	4	1
Case 89	1	169,768,080	170,408,985	4	1	5	0
Case 89	1	170,409,400	170,633,397	4	0	4	1
Case 89	1	170,633,896	175,096,130	1	0	1	0
Case 89	1	175,096,157	175,362,736	2	0	2	1
Case 89	1	175,363,204	175,372,347	2	1	3	0
Case 89	1	175,372,645	175,372,645	1	1	2	0
Case 89	1	175,372,651	175,372,651	2	1	3	0
Case 89	1	175,372,714	175,372,714	1	1	2	0
Case 89	1	175,374,390	175,375,355	2	1	3	0
Case 89	1	175,375,469	175,824,794	1	1	2	0
Case 89	1	175,827,683	176,832,613	1	0	1	0
Case 89	1	176,833,427	176,833,486	2	0	2	1
Case 89	1	176,833,497	177,482,911	2	1	3	0
Case 89	1	177,486,382	178,854,226	3	1	4	0
Case 89	1	178,854,330	179,398,726	3	0	3	1
Case 89	1	179,399,253	187,498,538	3	1	4	0
Case 89	1	187,500,314	188,216,544	3	0	3	1

Case 89	1	188,216,715	193,895,333	3	1	4	0
Case 89	1	193,896,826	195,044,251	3	0	3	1
Case 89	1	195,050,507	241,611,462	3	1	4	0
Case 89	1	241,615,673	241,822,182	1	0	1	0
Case 89	1	241,823,862	246,568,701	3	1	4	0
Case 89	1	246,575,604	248,411,889	3	0	3	1
Case 89	1	248,415,662	249,218,992	3	1	4	0
Case 89	2	18,674	3,763,411	2	1	3	0
Case 89	2	3,764,796	4,148,784	2	2	4	0
Case 89	2	4,150,984	4,652,506	2	1	3	0
Case 89	2	4,653,262	51,576,612	2	2	4	0
Case 89	2	51,581,853	85,502,264	2	1	3	0
Case 89	2	85,502,419	85,824,592	3	1	4	0
Case 89	2	85,826,132	92,081,640	2	1	3	0
Case 89	2	95,429,424	134,529,356	2	1	3	0
Case 89	2	134,531,412	134,845,085	3	1	4	0
Case 89	2	134,848,764	169,796,288	2	1	3	0
Case 89	2	169,797,652	170,175,352	3	1	4	0
Case 89	2	170,175,394	173,675,359	2	1	3	0
Case 89	2	173,679,008	175,386,861	2	2	4	0
Case 89	2	175,393,104	179,410,980	2	1	3	0
Case 89	2	179,411,011	179,452,782	3	1	4	0
Case 89	2	179,453,426	194,748,016	2	1	3	0
Case 89	2	194,749,557	199,414,462	3	1	4	0
Case 89	2	199,438,565	243,048,760	2	1	3	0
Case 89	3	61,495	684,744	2	2	4	0
Case 89	3	698,777	3,099,460	2	1	3	0
Case 89	3	3,100,615	3,767,186	2	2	4	0
Case 89	3	3,769,424	5,312,162	2	1	3	0
Case 89	3	5,312,819	5,625,761	2	2	4	0
Case 89	3	5,626,851	7,011,962	2	1	3	0
Case 89	3	7,012,842	8,155,409	2	2	4	0
Case 89	3	8,159,754	9,262,650	2	1	3	0
Case 89	3	9,265,620	9,870,958	2	2	4	0
Case 89	3	9,870,973	10,157,232	2	1	3	0
Case 89	3	10,167,112	10,659,768	2	2	4	0
Case 89	3	10,659,811	21,841,904	2	1	3	0
Case 89	3	21,844,883	24,346,939	2	0	2	1
Case 89	3	24,346,981	25,561,488	3	0	3	1
Case 89	3	25,564,929	30,842,460	2	0	2	1
Case 89	3	30,842,517	31,817,544	3	0	3	1
Case 89	3	31,817,884	38,158,348	2	0	2	1
Case 89	3	38,158,380	39,715,764	3	0	3	1
Case 89	3	39,749,593	42,233,759	2	0	2	1
Case 89	3	42,236,415	42,679,132	3	0	3	1
Case 89	3	42,679,382	42,880,490	2	0	2	1
Case 89	3	42,887,680	43,362,597	3	0	3	1
Case 89	3	43,368,673	44,974,429	2	0	2	1
Case 89	3	44,974,433	45,993,606	3	0	3	1
Case 89	3	45,996,877	46,245,424	2	0	2	1
Case 89	3	46,245,548	46,952,777	3	0	3	1
Case 89	3	46,961,910	47,753,950	2	0	2	1
Case 89	3	47,777,540	76,943,884	2	1	3	0
Case 89	3	76,947,105	77,868,589	1	1	2	0
Case 89	3	77,885,601	80,010,209	2	0	2	1
Case 89	3	80,013,246	81,898,999	2	1	3	0
Case 89	3	81,905,441	84,261,595	2	0	2	1
Case 89	3	84,270,877	86,558,884	2	1	3	0
Case 89	3	86,571,808	90,442,925	2	0	2	1
Case 89	3	93,537,290	93,973,213	2	0	2	1
Case 89	3	93,979,534	97,909,666	3	0	3	1

Case 89	3	97,917,256	98,814,043	2	0	2	1
Case 89	3	98,831,335	102,093,452	3	0	3	1
Case 89	3	102,093,492	102,862,268	2	0	2	1
Case 89	3	102,864,676	115,527,211	3	0	3	1
Case 89	3	115,528,760	116,011,091	3	1	4	0
Case 89	3	116,017,931	117,239,883	2	1	3	0
Case 89	3	117,244,009	117,794,284	3	1	4	0
Case 89	3	117,800,545	118,204,601	3	0	3	1
Case 89	3	118,206,941	118,644,960	3	1	4	0
Case 89	3	118,645,038	119,151,048	3	0	3	1
Case 89	3	119,155,746	120,626,429	2	1	3	0
Case 89	3	120,674,527	173,424,373	2	2	4	0
Case 89	3	173,431,705	179,475,272	3	0	3	1
Case 89	3	179,483,498	180,685,872	2	0	2	1
Case 89	3	180,691,661	195,963,910	3	0	3	1
Case 89	3	195,964,298	197,031,608	2	0	2	1
Case 89	3	197,034,985	197,260,358	3	0	3	1
Case 89	3	197,260,370	197,503,828	2	0	2	1
Case 89	3	197,504,916	197,838,262	3	0	3	1
Case 89	4	71,566	899,143	2	0	2	1
Case 89	4	905,524	2,517,447	2	1	3	0
Case 89	4	2,559,990	6,034,039	2	0	2	1
Case 89	4	6,042,732	6,303,022	2	1	3	0
Case 89	4	6,303,072	7,427,899	2	0	2	1
Case 89	4	7,428,355	7,509,758	3	0	3	1
Case 89	4	7,513,983	31,872,574	2	0	2	1
Case 89	4	31,890,470	37,020,558	2	1	3	0
Case 89	4	37,034,349	37,302,992	2	2	4	0
Case 89	4	37,310,608	41,204,395	2	1	3	0
Case 89	4	41,204,982	42,122,289	2	2	4	0
Case 89	4	42,125,621	45,927,431	2	1	3	0
Case 89	4	45,929,172	49,620,898	2	2	4	0
Case 89	4	52,697,856	55,049,751	2	2	4	0
Case 89	4	55,061,398	89,052,964	3	0	3	1
Case 89	4	89,052,998	89,869,332	2	0	2	1
Case 89	4	89,879,663	94,830,161	3	0	3	1
Case 89	4	94,830,314	95,579,800	2	0	2	1
Case 89	4	95,583,657	97,627,011	3	0	3	1
Case 89	4	97,627,858	99,387,827	2	0	2	1
Case 89	4	99,392,101	99,800,310	3	0	3	1
Case 89	4	99,808,872	100,066,332	2	0	2	1
Case 89	4	100,067,337	106,819,144	3	0	3	1
Case 89	4	106,820,344	141,805,557	2	0	2	1
Case 89	4	141,812,185	141,890,683	3	0	3	1
Case 89	4	141,891,566	149,624,705	2	0	2	1
Case 89	4	149,625,757	150,267,639	3	0	3	1
Case 89	4	150,280,975	154,669,859	2	0	2	1
Case 89	4	154,669,901	155,287,535	3	0	3	1
Case 89	4	155,287,548	161,856,343	2	0	2	1
Case 89	4	161,861,640	161,907,084	6	0	6	1
Case 89	4	161,912,988	171,327,181	2	0	2	1
Case 89	4	171,339,965	171,499,216	5	0	5	1
Case 89	4	171,505,217	171,872,498	4	0	4	1
Case 89	4	171,884,710	173,323,928	3	0	3	1
Case 89	4	173,324,694	175,157,743	4	0	4	1
Case 89	4	175,158,412	188,317,381	3	0	3	1
Case 89	4	188,317,437	190,394,821	2	0	2	1
Case 89	4	190,407,970	190,963,766	3	0	3	1
Case 89	5	38,139	1,034,875	2	2	4	0
Case 89	5	1,034,879	1,321,873	2	1	3	0
Case 89	5	1,321,928	1,778,464	2	2	4	0

Case 89	5	1,778,473	2,802,282	2	1	3	0
Case 89	5	2,809,055	3,904,292	2	2	4	0
Case 89	5	3,919,288	4,565,002	2	1	3	0
Case 89	5	4,568,974	5,418,792	2	2	4	0
Case 89	5	5,419,547	5,600,683	2	1	3	0
Case 89	5	5,601,717	7,816,645	2	2	4	0
Case 89	5	7,817,036	8,073,928	2	1	3	0
Case 89	5	8,074,665	8,794,278	2	2	4	0
Case 89	5	8,794,957	9,234,541	2	1	3	0
Case 89	5	9,234,736	11,854,197	2	2	4	0
Case 89	5	11,855,867	13,434,851	2	1	3	0
Case 89	5	13,441,359	13,719,141	2	2	4	0
Case 89	5	13,719,144	13,852,098	2	1	3	0
Case 89	5	13,859,587	14,427,887	2	2	4	0
Case 89	5	14,431,980	15,900,124	2	1	3	0
Case 89	5	15,904,024	17,404,483	2	2	4	0
Case 89	5	17,404,549	18,908,745	2	1	3	0
Case 89	5	18,909,675	19,185,179	2	2	4	0
Case 89	5	19,188,359	26,636,294	2	1	3	0
Case 89	5	26,637,115	28,376,355	2	2	4	0
Case 89	5	28,380,056	29,193,495	2	1	3	0
Case 89	5	29,193,998	46,349,193	2	2	4	0
Case 89	5	46,378,957	46,399,093	2	0	2	1
Case 89	5	49,457,282	53,815,413	2	0	2	1
Case 89	5	53,815,495	54,083,387	3	0	3	1
Case 89	5	54,087,671	55,704,176	2	0	2	1
Case 89	5	55,706,081	55,892,384	3	0	3	1
Case 89	5	55,892,458	60,936,296	2	0	2	1
Case 89	5	60,936,935	61,122,159	3	0	3	1
Case 89	5	61,125,018	65,950,148	2	0	2	1
Case 89	5	65,951,378	66,324,295	3	0	3	1
Case 89	5	66,326,646	67,220,196	2	0	2	1
Case 89	5	67,221,604	67,777,856	3	0	3	1
Case 89	5	67,779,809	71,495,041	2	0	2	1
Case 89	5	71,495,109	71,814,128	3	0	3	1
Case 89	5	71,846,721	73,187,660	2	0	2	1
Case 89	5	73,188,022	73,886,691	3	0	3	1
Case 89	5	73,894,929	75,337,594	2	0	2	1
Case 89	5	75,342,509	75,602,703	3	0	3	1
Case 89	5	75,604,851	90,231,238	2	0	2	1
Case 89	5	90,233,933	90,510,809	3	0	3	1
Case 89	5	90,521,117	107,066,531	2	0	2	1
Case 89	5	107,071,505	107,313,403	3	0	3	1
Case 89	5	107,316,915	112,461,641	2	0	2	1
Case 89	5	112,464,953	112,771,824	3	0	3	1
Case 89	5	112,780,914	131,195,002	2	0	2	1
Case 89	5	131,233,083	131,915,673	3	0	3	1
Case 89	5	131,915,697	132,534,021	2	0	2	1
Case 89	5	132,534,059	133,139,439	3	0	3	1
Case 89	5	133,140,038	134,250,146	2	0	2	1
Case 89	5	134,253,500	136,997,619	3	0	3	1
Case 89	5	136,998,182	139,222,208	2	0	2	1
Case 89	5	139,222,591	149,276,198	3	0	3	1
Case 89	5	149,276,279	149,675,349	4	0	4	1
Case 89	5	149,676,943	158,750,769	3	0	3	1
Case 89	5	158,751,249	159,488,365	4	0	4	1
Case 89	5	159,488,697	178,756,557	3	0	3	1
Case 89	5	178,758,909	179,285,781	2	0	2	1
Case 89	5	179,290,477	179,672,825	3	0	3	1
Case 89	5	179,674,888	180,057,783	2	0	2	1
Case 89	5	180,058,761	180,693,127	3	0	3	1

Case 89	6	108,666	58,752,089	2	1	3	0
Case 89	6	61,891,118	102,485,159	2	1	3	0
Case 89	6	102,492,342	103,484,412	1	1	2	0
Case 89	6	103,485,282	169,334,481	2	1	3	0
Case 89	6	169,334,898	170,270,028	1	1	2	0
Case 89	6	170,272,641	170,980,171	3	1	4	0
Case 89	7	44,935	8,508,026	2	2	4	0
Case 89	7	8,522,345	9,234,364	3	2	5	0
Case 89	7	9,235,662	12,972,685	2	2	4	0
Case 89	7	12,982,479	13,476,506	3	2	5	0
Case 89	7	13,477,214	20,327,258	2	2	4	0
Case 89	7	20,331,713	20,766,752	3	2	5	0
Case 89	7	20,766,943	48,117,684	2	2	4	0
Case 89	7	48,127,194	48,321,010	3	2	5	0
Case 89	7	48,321,043	52,432,938	2	2	4	0
Case 89	7	52,433,121	52,733,291	3	2	5	0
Case 89	7	52,733,866	58,019,061	2	2	4	0
Case 89	7	61,056,053	97,044,705	2	2	4	0
Case 89	7	97,061,931	99,280,884	3	0	3	1
Case 89	7	99,294,472	99,365,983	2	0	2	1
Case 89	7	99,365,994	100,675,082	3	0	3	1
Case 89	7	100,675,128	100,675,959	2	0	2	1
Case 89	7	100,675,976	101,918,630	3	0	3	1
Case 89	7	101,921,229	102,455,279	2	0	2	1
Case 89	7	102,458,296	109,736,919	3	0	3	1
Case 89	7	109,738,166	111,533,520	2	0	2	1
Case 89	7	111,540,494	112,407,616	3	0	3	1
Case 89	7	112,407,697	113,518,157	2	0	2	1
Case 89	7	113,518,262	118,652,797	3	0	3	1
Case 89	7	118,669,625	120,268,303	2	0	2	1
Case 89	7	120,273,226	124,887,218	3	0	3	1
Case 89	7	124,890,172	125,848,263	2	0	2	1
Case 89	7	125,853,688	149,486,367	3	0	3	1
Case 89	7	149,486,377	149,529,970	2	0	2	1
Case 89	7	149,530,894	157,825,009	3	0	3	1
Case 89	7	157,827,547	158,020,147	2	0	2	1
Case 89	7	158,022,103	159,119,486	3	0	3	1
Case 89	8	164,984	714,648	1	0	1	0
Case 89	8	719,043	3,500,352	7	0	7	1
Case 89	8	3,502,239	9,290,056	6	0	6	1
Case 89	8	9,290,753	9,745,798	0	0	0	0
Case 89	8	9,758,230	13,027,912	7	0	7	1
Case 89	8	13,034,369	13,912,357	3	0	3	1
Case 89	8	13,918,143	13,921,358	1	0	1	0
Case 89	8	13,923,923	16,272,892	7	0	7	1
Case 89	8	16,282,259	20,590,669	3	0	3	1
Case 89	8	20,592,077	35,316,657	2	0	2	1
Case 89	8	35,316,788	39,397,015	2	2	4	0
Case 89	8	39,399,057	43,657,438	2	1	3	0
Case 89	8	43,674,370	43,791,691	1	1	2	0
Case 89	8	46,886,735	50,396,852	1	1	2	0
Case 89	8	50,403,271	50,416,266	2	1	3	0
Case 89	8	50,430,756	50,539,763	6	0	6	1
Case 89	8	50,545,758	50,560,660	2	1	3	0
Case 89	8	50,580,952	51,465,681	1	1	2	0
Case 89	8	51,465,733	67,909,062	2	1	3	0
Case 89	8	67,922,949	69,138,454	2	2	4	0
Case 89	8	69,140,097	77,136,588	2	1	3	0
Case 89	8	77,137,533	78,265,312	3	1	4	0
Case 89	8	78,271,372	78,394,149	2	1	3	0
Case 89	8	78,405,264	81,639,511	1	1	2	0

Case 89	8	81,640,595	87,149,808	2	1	3	0
Case 89	8	87,151,779	87,529,297	4	0	4	1
Case 89	8	87,540,832	88,190,551	3	1	4	0
Case 89	8	88,191,970	89,003,632	2	1	3	0
Case 89	8	89,006,607	123,088,145	1	1	2	0
Case 89	8	123,093,555	143,995,743	3	1	4	0
Case 89	8	143,999,146	145,764,544	2	1	3	0
Case 89	8	145,770,648	146,293,414	2	2	4	0
Case 89	9	46,587	32,570,989	2	0	2	1
Case 89	9	32,572,932	37,055,109	3	0	3	1
Case 89	9	37,056,373	46,944,322	2	0	2	1
Case 89	9	65,629,772	75,872,324	2	0	2	1
Case 89	9	75,877,116	77,427,237	5	0	5	1
Case 89	9	77,435,221	77,436,643	2	1	3	0
Case 89	9	77,441,137	81,870,379	6	0	6	1
Case 89	9	81,870,811	81,872,880	2	0	2	1
Case 89	9	81,873,321	81,873,321	6	0	6	1
Case 89	9	81,874,005	83,029,869	5	0	5	1
Case 89	9	83,034,282	83,540,744	6	0	6	1
Case 89	9	83,541,272	83,599,708	2	0	2	1
Case 89	9	83,603,221	86,244,359	6	0	6	1
Case 89	9	86,253,482	86,297,871	2	0	2	1
Case 89	9	86,304,008	86,796,094	3	0	3	1
Case 89	9	86,802,590	87,117,500	5	0	5	1
Case 89	9	87,118,778	87,316,037	3	0	3	1
Case 89	9	87,321,367	87,325,623	2	0	2	1
Case 89	9	87,338,511	94,391,746	6	0	6	1
Case 89	9	94,394,640	96,469,075	5	0	5	1
Case 89	9	96,483,140	97,487,704	6	0	6	1
Case 89	9	97,503,985	98,488,882	5	0	5	1
Case 89	9	98,493,505	99,521,123	3	0	3	1
Case 89	9	99,521,136	99,525,805	1	0	1	0
Case 89	9	99,537,071	105,503,295	3	0	3	1
Case 89	9	105,503,706	107,050,093	2	0	2	1
Case 89	9	107,054,520	118,068,722	3	0	3	1
Case 89	9	118,070,259	118,397,913	5	0	5	1
Case 89	9	118,405,173	119,901,378	3	0	3	1
Case 89	9	119,903,506	120,448,498	5	0	5	1
Case 89	9	120,449,466	121,529,204	4	0	4	1
Case 89	9	121,529,812	121,929,412	5	0	5	1
Case 89	9	121,929,511	122,133,105	4	0	4	1
Case 89	9	122,138,602	122,301,551	5	0	5	1
Case 89	9	122,303,614	126,220,130	3	0	3	1
Case 89	9	126,220,148	127,039,017	1	0	1	0
Case 89	9	127,052,272	135,241,588	3	0	3	1
Case 89	9	135,245,867	136,029,295	5	0	5	1
Case 89	9	136,029,301	136,248,949	4	0	4	1
Case 89	9	136,251,026	136,498,761	5	0	5	1
Case 89	9	136,500,203	136,597,550	4	0	4	1
Case 89	9	136,597,582	138,146,809	5	0	5	1
Case 89	9	138,146,828	138,529,219	4	0	4	1
Case 89	9	138,529,722	139,637,087	5	0	5	1
Case 89	9	139,638,740	141,066,491	4	0	4	1
Case 89	10	98,087	1,855,203	3	0	3	1
Case 89	10	1,860,998	1,991,225	2	0	2	1
Case 89	10	1,993,586	2,761,819	3	0	3	1
Case 89	10	2,762,427	2,826,548	2	0	2	1
Case 89	10	2,828,634	7,605,101	3	0	3	1
Case 89	10	7,605,146	8,005,959	2	0	2	1
Case 89	10	8,005,988	15,828,645	3	0	3	1
Case 89	10	15,831,755	16,395,866	2	0	2	1

Case 89	10	16,396,872	18,789,267	3	0	3	1
Case 89	10	18,789,498	18,991,696	2	0	2	1
Case 89	10	18,993,303	20,290,812	3	0	3	1
Case 89	10	20,290,835	24,564,653	2	0	2	1
Case 89	10	24,565,181	24,833,137	3	0	3	1
Case 89	10	24,833,355	29,274,952	2	0	2	1
Case 89	10	29,275,494	29,434,036	3	0	3	1
Case 89	10	29,437,892	39,097,912	2	0	2	1
Case 89	10	42,436,301	42,682,133	2	0	2	1
Case 89	10	42,725,663	110,625,693	2	1	3	0
Case 89	10	110,636,462	135,223,323	3	0	3	1
Case 89	10	135,224,960	135,477,883	4	0	4	1
Case 89	11	193,146	7,670,160	3	0	3	1
Case 89	11	7,670,353	8,148,287	3	1	4	0
Case 89	11	8,148,301	10,668,522	2	1	3	0
Case 89	11	10,669,228	15,398,601	3	2	5	0
Case 89	11	15,401,144	39,593,038	2	2	4	0
Case 89	11	39,604,010	42,113,298	3	2	5	0
Case 89	11	42,115,286	43,218,491	2	2	4	0
Case 89	11	43,221,969	46,564,272	3	2	5	0
Case 89	11	46,564,927	50,332,064	2	2	4	0
Case 89	11	50,345,390	51,095,992	2	0	2	1
Case 89	11	51,160,828	51,591,253	2	1	3	0
Case 89	11	54,794,237	83,215,072	2	1	3	0
Case 89	11	83,231,580	89,843,478	4	1	5	0
Case 89	11	89,843,565	91,204,664	4	2	6	0
Case 89	11	91,215,718	92,612,151	3	2	5	0
Case 89	11	92,612,185	92,669,941	3	1	4	0
Case 89	11	92,673,828	99,644,206	4	0	4	1
Case 89	11	99,644,668	100,226,773	5	0	5	1
Case 89	11	100,226,883	101,181,227	4	0	4	1
Case 89	11	101,191,166	102,070,361	5	0	5	1
Case 89	11	102,070,639	103,157,019	4	0	4	1
Case 89	11	103,157,059	103,491,310	5	0	5	1
Case 89	11	103,493,096	103,797,349	4	0	4	1
Case 89	11	103,797,828	104,539,394	5	0	5	1
Case 89	11	104,551,887	107,617,257	4	0	4	1
Case 89	11	107,617,517	109,111,782	5	0	5	1
Case 89	11	109,118,149	109,127,876	2	1	3	0
Case 89	11	109,127,890	109,812,865	6	0	6	1
Case 89	11	109,825,345	109,888,898	2	0	2	1
Case 89	11	109,898,785	118,427,727	3	0	3	1
Case 89	11	118,428,463	118,827,665	2	0	2	1
Case 89	11	118,827,670	134,934,063	3	0	3	1
Case 89	12	191,619	11,876,790	5	1	6	0
Case 89	12	11,877,420	11,927,531	2	0	2	1
Case 89	12	11,929,481	14,196,140	3	0	3	1
Case 89	12	14,200,852	18,398,806	2	0	2	1
Case 89	12	18,402,485	34,758,266	2	2	4	0
Case 89	12	34,781,188	34,853,011	2	1	3	0
Case 89	12	37,876,400	41,231,443	2	1	3	0
Case 89	12	41,234,584	42,013,256	2	2	4	0
Case 89	12	42,015,216	46,045,045	2	1	3	0
Case 89	12	46,046,604	50,523,964	2	2	4	0
Case 89	12	50,524,345	52,567,467	2	1	3	0
Case 89	12	52,567,488	52,938,411	3	1	4	0
Case 89	12	52,938,428	52,946,498	2	1	3	0
Case 89	12	52,946,510	53,495,934	2	2	4	0
Case 89	12	53,497,402	53,719,326	2	1	3	0
Case 89	12	53,719,666	54,379,295	2	2	4	0
Case 89	12	54,379,335	56,704,347	2	1	3	0

Case 89	12	56,708,706	57,442,037	3	1	4	0
Case 89	12	57,449,610	110,662,327	2	1	3	0
Case 89	12	110,687,971	132,323,249	2	2	4	0
Case 89	12	132,323,250	132,678,089	2	1	3	0
Case 89	12	132,679,063	133,810,935	2	2	4	0
Case 89	13	19,058,717	20,000,621	3	0	3	1
Case 89	13	20,000,630	21,499,444	3	1	4	0
Case 89	13	21,510,900	37,882,220	3	0	3	1
Case 89	13	37,885,818	37,968,151	1	0	1	0
Case 89	13	37,969,197	43,469,222	3	0	3	1
Case 89	13	43,471,403	43,767,104	3	2	5	0
Case 89	13	43,767,250	43,777,086	3	1	4	0
Case 89	13	43,777,114	51,580,537	3	0	3	1
Case 89	13	51,587,440	51,816,665	3	1	4	0
Case 89	13	51,817,143	55,778,003	3	0	3	1
Case 89	13	55,783,042	58,765,648	3	1	4	0
Case 89	13	58,768,674	59,608,726	3	0	3	1
Case 89	13	59,613,195	60,908,458	2	2	4	0
Case 89	13	60,910,291	63,262,970	3	1	4	0
Case 89	13	63,277,176	68,491,550	1	0	1	0
Case 89	13	68,505,870	69,080,682	3	0	3	1
Case 89	13	69,080,926	72,672,811	1	0	1	0
Case 89	13	72,672,867	72,882,258	2	0	2	1
Case 89	13	72,887,795	73,321,056	3	0	3	1
Case 89	13	73,323,792	74,562,669	4	0	4	1
Case 89	13	74,569,006	76,721,792	3	0	3	1
Case 89	13	76,726,422	77,933,618	3	2	5	0
Case 89	13	77,935,564	81,411,946	2	2	4	0
Case 89	13	81,417,896	88,040,398	3	1	4	0
Case 89	13	88,047,853	113,110,663	3	0	3	1
Case 89	13	113,110,826	113,459,221	2	0	2	1
Case 89	13	113,459,343	115,103,529	3	0	3	1
Case 89	14	19,280,733	19,964,076	3	0	3	1
Case 89	14	20,213,937	20,420,338	5	0	5	1
Case 89	14	20,425,051	20,844,340	2	1	3	0
Case 89	14	20,844,382	21,167,633	2	2	4	0
Case 89	14	21,167,642	22,200,989	2	1	3	0
Case 89	14	22,201,888	23,072,372	3	1	4	0
Case 89	14	23,072,654	24,909,588	2	1	3	0
Case 89	14	24,910,055	25,426,899	3	1	4	0
Case 89	14	25,427,787	56,302,744	2	1	3	0
Case 89	14	56,307,478	56,742,876	3	1	4	0
Case 89	14	56,755,222	76,165,549	2	1	3	0
Case 89	14	76,166,481	77,168,329	3	1	4	0
Case 89	14	77,168,503	79,433,190	2	1	3	0
Case 89	14	79,433,593	90,999,201	1	1	2	0
Case 89	14	91,003,013	91,148,877	2	1	3	0
Case 89	14	91,148,925	92,505,969	1	1	2	0
Case 89	14	92,506,697	92,959,940	2	1	3	0
Case 89	14	92,960,148	94,088,203	1	1	2	0
Case 89	14	94,088,266	95,911,835	2	1	3	0
Case 89	14	95,911,943	96,567,869	1	1	2	0
Case 89	14	96,574,434	97,173,569	2	1	3	0
Case 89	14	97,176,198	99,996,109	1	1	2	0
Case 89	14	100,002,814	101,542,066	2	1	3	0
Case 89	14	101,545,096	105,395,256	1	1	2	0
Case 89	14	105,395,742	105,609,130	2	1	3	0
Case 89	14	105,609,229	107,287,663	1	1	2	0
Case 89	15	20,034,919	22,867,532	2	0	2	1
Case 89	15	22,867,569	23,727,655	3	0	3	1
Case 89	15	23,730,704	24,327,659	2	0	2	1



Case 89	15	24,328,497	26,422,354	2	2	4	0
Case 89	15	26,422,689	27,997,804	2	0	2	1
Case 89	15	27,999,836	28,276,539	3	0	3	1
Case 89	15	28,281,765	32,928,853	2	0	2	1
Case 89	15	32,929,081	33,209,958	3	0	3	1
Case 89	15	33,210,001	33,990,976	2	0	2	1
Case 89	15	33,991,716	34,159,749	3	0	3	1
Case 89	15	34,159,782	38,773,226	2	0	2	1
Case 89	15	38,773,593	40,593,431	3	0	3	1
Case 89	15	40,594,181	41,819,250	2	0	2	1
Case 89	15	41,819,367	42,111,100	3	0	3	1
Case 89	15	42,111,514	42,207,905	2	0	2	1
Case 89	15	42,208,041	42,394,482	3	0	3	1
Case 89	15	42,396,282	43,769,931	2	0	2	1
Case 89	15	43,771,694	44,109,452	2	2	4	0
Case 89	15	44,116,053	53,226,360	2	0	2	1
Case 89	15	53,230,059	53,812,561	3	0	3	1
Case 89	15	53,815,417	57,791,763	2	0	2	1
Case 89	15	57,792,130	58,140,674	3	0	3	1
Case 89	15	58,150,369	60,710,269	2	0	2	1
Case 89	15	60,715,643	62,113,140	3	0	3	1
Case 89	15	62,113,919	63,093,824	2	0	2	1
Case 89	15	63,096,808	63,880,752	3	0	3	1
Case 89	15	63,880,962	64,446,794	2	0	2	1
Case 89	15	64,448,304	76,633,551	2	2	4	0
Case 89	15	76,633,575	77,907,145	2	1	3	0
Case 89	15	77,907,420	79,974,022	2	2	4	0
Case 89	15	79,975,476	80,486,402	2	1	3	0
Case 89	15	80,486,581	81,193,635	2	2	4	0
Case 89	15	81,199,236	84,373,250	2	1	3	0
Case 89	15	84,381,209	84,611,451	2	2	4	0
Case 89	15	84,611,494	86,890,733	2	1	3	0
Case 89	15	86,892,638	87,058,059	2	2	4	0
Case 89	15	87,059,555	87,634,881	2	1	3	0
Case 89	15	87,635,058	89,153,744	2	2	4	0
Case 89	15	89,154,966	90,673,161	2	1	3	0
Case 89	15	90,675,264	91,081,791	2	2	4	0
Case 89	15	91,082,869	91,485,730	2	1	3	0
Case 89	15	91,485,771	91,811,709	2	2	4	0
Case 89	15	91,811,710	92,459,551	2	1	3	0
Case 89	15	92,460,694	93,560,331	2	2	4	0
Case 89	15	93,561,642	101,936,720	2	1	3	0
Case 89	15	101,938,651	102,055,559	2	2	4	0
Case 89	15	102,061,971	102,461,162	3	1	4	0
Case 89	16	88,165	1,183,677	3	0	3	1
Case 89	16	1,184,126	1,537,884	2	0	2	1
Case 89	16	1,537,926	1,804,357	3	0	3	1
Case 89	16	1,807,723	1,842,516	2	0	2	1
Case 89	16	1,849,916	2,024,204	3	0	3	1
Case 89	16	2,024,205	2,030,091	2	0	2	1
Case 89	16	2,030,114	2,130,190	3	0	3	1
Case 89	16	2,130,198	2,329,121	2	0	2	1
Case 89	16	2,331,173	2,982,708	3	0	3	1
Case 89	16	2,983,138	3,227,885	2	0	2	1
Case 89	16	3,230,888	3,504,785	3	0	3	1
Case 89	16	3,506,775	3,617,306	2	0	2	1
Case 89	16	3,620,927	4,281,943	3	0	3	1
Case 89	16	4,296,785	4,476,045	2	0	2	1
Case 89	16	4,484,396	6,681,184	3	0	3	1
Case 89	16	6,681,637	6,682,151	1	0	1	0
Case 89	16	6,682,203	6,699,749	3	0	3	1

Case 89	16	6,700,500	6,792,188	1	0	1	0
Case 89	16	6,796,804	15,654,331	3	0	3	1
Case 89	16	15,656,204	15,818,781	2	0	2	1
Case 89	16	15,818,842	31,447,788	3	0	3	1
Case 89	16	31,448,168	35,285,582	2	0	2	1
Case 89	16	46,450,037	47,354,669	2	0	2	1
Case 89	16	47,411,203	48,121,987	3	0	3	1
Case 89	16	48,122,456	48,479,935	4	0	4	1
Case 89	16	48,488,527	49,469,134	5	0	5	1
Case 89	16	49,476,172	59,411,607	3	0	3	1
Case 89	16	59,419,461	64,216,026	2	0	2	1
Case 89	16	64,216,776	69,419,394	3	0	3	1
Case 89	16	69,424,499	69,721,415	2	0	2	1
Case 89	16	69,724,845	70,841,743	3	0	3	1
Case 89	16	70,841,824	70,954,682	3	1	4	0
Case 89	16	70,954,909	75,148,064	3	0	3	1
Case 89	16	75,148,093	75,928,610	2	0	2	1
Case 89	16	75,929,714	88,787,781	3	0	3	1
Case 89	16	88,787,829	88,881,635	2	0	2	1
Case 89	16	88,882,257	90,274,695	3	0	3	1
Case 89	17	11,885	1,204,864	3	0	3	1
Case 89	17	1,206,042	1,963,201	2	0	2	1
Case 89	17	1,964,018	4,457,363	3	0	3	1
Case 89	17	4,457,510	4,499,762	2	0	2	1
Case 89	17	4,500,190	9,474,146	3	0	3	1
Case 89	17	9,479,112	14,862,284	2	0	2	1
Case 89	17	14,864,886	15,039,528	3	0	3	1
Case 89	17	15,044,804	15,058,236	1	0	1	0
Case 89	17	15,058,991	21,319,342	3	0	3	1
Case 89	17	21,319,388	22,242,355	2	1	3	0
Case 89	17	25,268,142	25,853,650	2	1	3	0
Case 89	17	25,854,188	33,351,917	3	1	4	0
Case 89	17	33,378,750	35,746,196	3	0	3	1
Case 89	17	35,748,867	37,894,463	3	1	4	0
Case 89	17	37,898,705	38,303,547	3	0	3	1
Case 89	17	38,304,356	46,925,777	2	2	4	0
Case 89	17	46,926,615	47,547,111	3	2	5	0
Case 89	17	47,547,180	49,459,341	2	2	4	0
Case 89	17	49,461,290	49,853,021	3	1	4	0
Case 89	17	49,856,670	49,856,845	2	1	3	0
Case 89	17	49,867,150	50,944,581	2	2	4	0
Case 89	17	50,949,615	51,862,028	3	0	3	1
Case 89	17	51,862,803	54,217,491	3	1	4	0
Case 89	17	54,230,917	54,990,800	3	0	3	1
Case 89	17	54,990,964	56,002,077	3	1	4	0
Case 89	17	56,002,224	57,638,015	3	0	3	1
Case 89	17	57,641,506	59,372,034	3	1	4	0
Case 89	17	59,374,867	60,017,888	3	0	3	1
Case 89	17	60,018,352	63,748,421	2	2	4	0
Case 89	17	63,748,853	64,046,278	3	2	5	0
Case 89	17	64,049,869	65,599,532	2	2	4	0
Case 89	17	65,607,561	65,977,682	3	1	4	0
Case 89	17	65,988,049	67,542,493	3	0	3	1
Case 89	17	67,554,920	75,398,418	3	1	4	0
Case 89	17	75,398,449	80,788,173	2	1	3	0
Case 89	17	80,788,200	81,060,040	3	1	4	0
Case 89	18	87,505	4,793,499	5	2	7	0
Case 89	18	4,797,073	5,015,145	5	1	6	0
Case 89	18	5,020,501	5,021,740	2	0	2	1
Case 89	18	5,024,327	5,397,388	2	2	4	0
Case 89	18	5,397,404	5,398,134	2	1	3	0

Case 89	18	5,405,326	6,330,209	4	1	5	0
Case 89	18	6,332,345	7,382,800	4	0	4	1
Case 89	18	7,382,881	8,715,107	4	1	5	0
Case 89	18	8,715,990	10,140,629	4	0	4	1
Case 89	18	10,142,323	15,249,516	5	0	5	1
Case 89	18	15,330,525	15,375,878	2	1	3	0
Case 89	18	18,520,354	20,558,567	2	1	3	0
Case 89	18	20,561,675	23,307,937	3	0	3	1
Case 89	18	23,319,704	24,039,154	2	0	2	1
Case 89	18	24,039,489	25,599,702	3	0	3	1
Case 89	18	25,608,097	26,075,587	2	0	2	1
Case 89	18	26,085,085	30,447,236	3	0	3	1
Case 89	18	30,451,454	31,320,069	2	0	2	1
Case 89	18	31,320,099	38,768,930	3	0	3	1
Case 89	18	38,770,460	40,532,752	2	0	2	1
Case 89	18	40,536,821	48,485,967	3	0	3	1
Case 89	18	48,491,524	49,765,016	1	0	1	0
Case 89	18	49,770,823	50,210,880	5	0	5	1
Case 89	18	50,212,260	66,744,288	4	0	4	1
Case 89	18	66,744,308	66,758,828	1	0	1	0
Case 89	18	66,758,997	74,180,990	4	0	4	1
Case 89	18	74,184,337	78,015,180	4	1	5	0
Case 89	19	260,912	1,821,637	2	1	3	0
Case 89	19	1,822,668	1,956,035	1	1	2	0
Case 89	19	1,960,031	9,237,113	2	1	3	0
Case 89	19	9,237,263	9,939,092	1	1	2	0
Case 89	19	9,939,831	11,978,417	2	1	3	0
Case 89	19	11,978,629	12,575,894	1	1	2	0
Case 89	19	12,577,302	17,211,568	2	1	3	0
Case 89	19	17,212,570	18,248,146	1	1	2	0
Case 89	19	18,255,359	19,640,309	2	1	3	0
Case 89	19	19,640,319	22,703,220	1	1	2	0
Case 89	19	22,707,258	24,629,285	2	1	3	0
Case 89	19	27,732,159	42,838,364	2	1	3	0
Case 89	19	42,839,203	43,441,194	2	2	4	0
Case 89	19	43,458,563	59,012,060	2	1	3	0
Case 89	19	59,012,675	59,097,160	2	2	4	0
Case 89	20	63,244	304,086	2	1	3	0
Case 89	20	309,692	16,659,902	1	1	2	0
Case 89	20	16,660,005	26,293,985	2	0	2	1
Case 89	20	29,425,357	29,425,357	2	0	2	1
Case 89	20	29,445,644	42,264,652	3	1	4	0
Case 89	20	42,264,653	46,823,806	3	2	5	0
Case 89	20	46,827,141	49,127,785	7	0	7	1
Case 89	20	49,133,069	53,617,287	6	1	7	0
Case 89	20	53,619,811	62,159,504	3	1	4	0
Case 89	20	62,160,481	62,203,597	2	1	3	0
Case 89	20	62,203,708	62,948,788	3	1	4	0
Case 89	21	10,827,533	10,971,337	2	0	2	1
Case 89	21	14,368,320	28,355,042	2	0	2	1
Case 89	21	28,356,604	48,100,155	3	0	3	1
Case 89	22	16,114,244	22,048,114	3	0	3	1
Case 89	22	22,048,862	22,398,859	2	0	2	1
Case 89	22	22,399,916	31,927,079	3	0	3	1
Case 89	22	31,942,770	32,111,442	2	0	2	1
Case 89	22	32,111,456	51,195,728	3	0	3	1
Case 91	1	82,154	12,852,872	2	2	4	0
Case 91	1	12,854,507	12,961,019	4	2	6	0
Case 91	1	13,176,463	121,346,616	2	2	4	0
Case 91	1	142,649,718	148,937,908	2	2	4	0
Case 91	1	149,039,031	149,201,987	1	0	1	0

Case 91	1	149,660,940	196,801,025	2	2	4	0
Case 91	1	196,823,300	196,887,480	1	0	1	0
Case 91	1	196,892,322	215,301,524	2	2	4	0
Case 91	1	215,307,777	216,144,049	1	0	1	0
Case 91	1	216,151,789	249,218,992	2	2	4	0
Case 91	2	18,674	92,081,640	2	2	4	0
Case 91	2	95,429,424	206,232,244	2	2	4	0
Case 91	2	206,236,189	206,352,140	3	0	3	1
Case 91	2	206,359,207	243,048,760	2	2	4	0
Case 91	3	61,495	191,245	3	0	3	1
Case 91	3	191,529	1,894,541	2	0	2	1
Case 91	3	1,895,810	2,079,789	3	0	3	1
Case 91	3	2,080,561	2,939,763	2	0	2	1
Case 91	3	2,942,488	3,016,114	3	0	3	1
Case 91	3	3,017,397	3,248,073	2	0	2	1
Case 91	3	3,248,990	3,788,916	3	0	3	1
Case 91	3	3,792,051	3,882,283	2	0	2	1
Case 91	3	3,884,459	3,920,844	3	0	3	1
Case 91	3	3,925,023	4,076,977	2	0	2	1
Case 91	3	4,078,654	5,203,776	3	0	3	1
Case 91	3	5,210,178	5,234,726	2	0	2	1
Case 91	3	5,241,309	5,975,204	3	0	3	1
Case 91	3	5,990,857	6,134,126	2	0	2	1
Case 91	3	6,136,434	6,486,592	3	0	3	1
Case 91	3	6,488,102	6,998,093	2	0	2	1
Case 91	3	6,999,617	7,721,997	3	0	3	1
Case 91	3	7,730,014	7,797,492	2	0	2	1
Case 91	3	7,805,209	12,314,846	3	0	3	1
Case 91	3	12,316,770	12,331,536	2	0	2	1
Case 91	3	12,334,416	12,858,380	3	0	3	1
Case 91	3	12,858,395	12,859,342	2	0	2	1
Case 91	3	12,860,988	14,661,876	3	0	3	1
Case 91	3	14,665,333	14,679,273	2	0	2	1
Case 91	3	14,688,071	15,173,478	3	0	3	1
Case 91	3	15,185,634	15,276,541	2	0	2	1
Case 91	3	15,288,911	15,499,713	3	0	3	1
Case 91	3	15,500,295	15,520,838	2	0	2	1
Case 91	3	15,530,595	17,182,697	3	0	3	1
Case 91	3	17,185,728	17,765,959	2	0	2	1
Case 91	3	17,788,430	17,987,400	3	0	3	1
Case 91	3	17,989,553	18,589,151	2	0	2	1
Case 91	3	18,602,534	18,802,882	3	0	3	1
Case 91	3	18,808,580	19,480,313	2	0	2	1
Case 91	3	19,482,975	19,788,618	3	0	3	1
Case 91	3	19,799,545	20,020,443	2	0	2	1
Case 91	3	20,023,229	20,220,712	3	0	3	1
Case 91	3	20,225,197	21,647,818	2	0	2	1
Case 91	3	21,650,537	21,816,016	3	0	3	1
Case 91	3	21,816,589	22,513,865	2	0	2	1
Case 91	3	22,531,603	24,794,908	3	0	3	1
Case 91	3	24,795,619	24,924,495	2	0	2	1
Case 91	3	24,927,203	25,133,273	3	0	3	1
Case 91	3	25,134,883	25,315,828	2	0	2	1
Case 91	3	25,316,314	25,656,775	3	0	3	1
Case 91	3	25,666,268	25,998,294	2	0	2	1
Case 91	3	26,002,178	26,146,045	3	0	3	1
Case 91	3	26,146,839	26,687,117	2	0	2	1
Case 91	3	26,687,577	26,838,174	3	0	3	1
Case 91	3	26,843,377	27,091,150	2	0	2	1
Case 91	3	27,100,979	27,336,213	3	0	3	1
Case 91	3	27,338,698	27,583,317	2	0	2	1

Case 91	3	27,588,090	27,614,316	3	0	3	1
Case 91	3	27,615,419	27,638,500	2	0	2	1
Case 91	3	27,639,142	27,782,163	3	0	3	1
Case 91	3	27,782,360	28,163,157	2	0	2	1
Case 91	3	28,180,249	28,426,786	3	0	3	1
Case 91	3	28,427,029	28,690,589	2	0	2	1
Case 91	3	28,699,121	29,013,915	3	0	3	1
Case 91	3	29,016,439	29,357,063	2	0	2	1
Case 91	3	29,357,140	29,538,444	3	0	3	1
Case 91	3	29,540,243	29,876,233	2	0	2	1
Case 91	3	29,877,387	30,745,941	3	0	3	1
Case 91	3	30,746,868	30,772,496	2	0	2	1
Case 91	3	30,774,786	31,652,978	3	0	3	1
Case 91	3	31,656,614	31,712,393	2	0	2	1
Case 91	3	31,714,174	33,444,286	3	0	3	1
Case 91	3	33,453,135	33,745,827	2	0	2	1
Case 91	3	33,767,207	34,538,558	3	0	3	1
Case 91	3	34,542,396	35,447,320	2	0	2	1
Case 91	3	35,457,227	35,577,952	3	0	3	1
Case 91	3	35,580,968	36,267,529	2	0	2	1
Case 91	3	36,270,289	39,852,825	3	0	3	1
Case 91	3	39,862,052	39,973,774	2	0	2	1
Case 91	3	39,975,119	41,810,220	3	0	3	1
Case 91	3	41,822,054	41,973,462	2	0	2	1
Case 91	3	41,985,152	43,622,656	3	0	3	1
Case 91	3	43,627,341	43,753,322	2	0	2	1
Case 91	3	43,755,473	44,309,620	3	0	3	1
Case 91	3	44,345,521	44,461,904	2	0	2	1
Case 91	3	44,465,137	44,762,403	3	0	3	1
Case 91	3	44,762,748	44,795,238	2	0	2	1
Case 91	3	44,798,608	46,005,882	3	0	3	1
Case 91	3	46,005,885	46,010,179	2	0	2	1
Case 91	3	46,010,194	46,721,662	3	0	3	1
Case 91	3	46,721,988	46,753,976	2	0	2	1
Case 91	3	46,754,470	47,032,777	3	0	3	1
Case 91	3	47,033,113	47,044,168	2	0	2	1
Case 91	3	47,044,679	47,452,339	3	0	3	1
Case 91	3	47,452,572	47,575,568	2	0	2	1
Case 91	3	47,582,724	48,658,918	3	0	3	1
Case 91	3	48,658,921	48,659,119	2	0	2	1
Case 91	3	48,659,182	49,831,032	3	0	3	1
Case 91	3	49,831,237	49,843,505	2	0	2	1
Case 91	3	49,843,568	50,154,597	3	0	3	1
Case 91	3	50,157,235	50,228,558	2	0	2	1
Case 91	3	50,229,241	51,985,664	3	0	3	1
Case 91	3	51,990,315	52,021,422	2	0	2	1
Case 91	3	52,021,614	54,928,174	3	0	3	1
Case 91	3	54,928,327	55,089,374	2	0	2	1
Case 91	3	55,091,151	55,808,202	3	0	3	1
Case 91	3	55,811,863	55,911,137	2	0	2	1
Case 91	3	55,912,786	57,407,327	3	0	3	1
Case 91	3	57,407,357	57,898,906	2	0	2	1
Case 91	3	57,898,980	59,000,763	3	0	3	1
Case 91	3	59,029,189	59,357,910	2	0	2	1
Case 91	3	59,358,190	59,475,736	3	0	3	1
Case 91	3	59,481,280	59,539,911	2	0	2	1
Case 91	3	59,541,974	59,772,460	3	0	3	1
Case 91	3	59,781,217	59,877,988	2	0	2	1
Case 91	3	59,878,365	59,920,912	0	0	0	0
Case 91	3	59,921,786	60,034,194	3	0	3	1
Case 91	3	60,034,455	60,364,830	2	0	2	1

Case 91	3	60,370,362	60,374,028	3	0	3	1
Case 91	3	60,379,253	60,379,450	2	2	4	0
Case 91	3	60,382,023	60,647,540	1	0	1	0
Case 91	3	60,655,448	60,655,448	2	2	4	0
Case 91	3	60,657,068	60,708,889	3	0	3	1
Case 91	3	60,711,659	61,096,082	2	0	2	1
Case 91	3	61,098,641	62,525,450	3	0	3	1
Case 91	3	62,526,657	62,615,298	2	0	2	1
Case 91	3	62,617,576	62,970,590	3	0	3	1
Case 91	3	62,975,224	63,073,556	2	0	2	1
Case 91	3	63,074,219	64,126,596	3	0	3	1
Case 91	3	64,127,088	64,142,981	2	0	2	1
Case 91	3	64,142,993	65,201,343	3	0	3	1
Case 91	3	65,202,420	65,262,507	2	0	2	1
Case 91	3	65,266,072	65,489,584	3	0	3	1
Case 91	3	65,493,125	65,536,289	2	0	2	1
Case 91	3	65,543,313	68,338,445	3	0	3	1
Case 91	3	68,339,327	68,373,756	2	0	2	1
Case 91	3	68,374,110	68,779,816	3	0	3	1
Case 91	3	68,780,703	68,872,978	2	0	2	1
Case 91	3	68,873,857	69,073,223	3	0	3	1
Case 91	3	69,074,781	69,103,000	2	0	2	1
Case 91	3	69,112,288	70,014,230	3	0	3	1
Case 91	3	70,014,391	70,304,462	2	0	2	1
Case 91	3	70,306,417	72,705,741	3	0	3	1
Case 91	3	72,709,390	72,868,234	2	0	2	1
Case 91	3	72,873,586	74,151,374	3	0	3	1
Case 91	3	74,155,133	74,332,837	2	0	2	1
Case 91	3	74,334,458	74,352,388	3	0	3	1
Case 91	3	74,358,189	75,786,288	2	0	2	1
Case 91	3	75,786,421	76,014,622	3	0	3	1
Case 91	3	76,024,339	76,114,576	2	0	2	1
Case 91	3	76,118,545	90,442,925	4	0	4	1
Case 91	3	93,537,290	197,838,262	4	0	4	1
Case 91	4	71,566	44,465,870	2	2	4	0
Case 91	4	44,466,809	44,528,928	2	1	3	0
Case 91	4	44,530,236	49,620,898	2	2	4	0
Case 91	4	52,697,856	178,203,463	2	2	4	0
Case 91	4	178,206,711	178,214,726	1	0	1	0
Case 91	4	178,221,198	190,963,766	2	2	4	0
Case 91	5	38,139	32,101,400	2	2	4	0
Case 91	5	32,107,381	32,159,517	4	2	6	0
Case 91	5	32,169,547	46,399,093	2	2	4	0
Case 91	5	49,457,282	139,931,384	2	2	4	0
Case 91	5	139,931,607	139,931,653	2	1	3	0
Case 91	5	139,931,655	180,693,127	2	2	4	0
Case 91	6	108,666	1,152,071	3	0	3	1
Case 91	6	1,161,892	1,223,075	2	0	2	1
Case 91	6	1,223,093	1,716,710	3	0	3	1
Case 91	6	1,721,914	2,037,632	2	0	2	1
Case 91	6	2,039,027	3,979,751	3	0	3	1
Case 91	6	3,981,940	4,013,741	2	0	2	1
Case 91	6	4,016,348	4,986,250	3	0	3	1
Case 91	6	4,991,024	5,080,264	2	0	2	1
Case 91	6	5,080,904	7,357,849	3	0	3	1
Case 91	6	7,365,727	7,379,149	2	0	2	1
Case 91	6	7,380,267	8,378,609	3	0	3	1
Case 91	6	8,379,684	9,466,991	2	0	2	1
Case 91	6	9,469,238	9,842,319	3	0	3	1
Case 91	6	9,846,872	10,184,724	2	0	2	1
Case 91	6	10,186,253	15,538,436	3	0	3	1

Case 91	6	15,538,685	15,656,155	2	0	2	1
Case 91	6	15,658,905	17,626,144	3	0	3	1
Case 91	6	17,626,299	17,635,050	2	0	2	1
Case 91	6	17,637,386	19,045,560	3	0	3	1
Case 91	6	19,046,730	19,844,355	2	0	2	1
Case 91	6	19,848,673	20,488,234	3	0	3	1
Case 91	6	20,488,419	20,640,316	2	0	2	1
Case 91	6	20,647,660	20,954,826	3	0	3	1
Case 91	6	20,955,332	21,084,430	2	0	2	1
Case 91	6	21,086,047	21,911,852	3	0	3	1
Case 91	6	21,912,632	21,972,800	2	0	2	1
Case 91	6	21,982,253	22,117,435	3	0	3	1
Case 91	6	22,122,568	22,274,766	2	0	2	1
Case 91	6	22,280,214	22,390,618	3	0	3	1
Case 91	6	22,391,406	22,515,654	2	0	2	1
Case 91	6	22,516,569	22,569,968	3	0	3	1
Case 91	6	22,570,064	22,738,731	2	0	2	1
Case 91	6	22,739,169	22,831,647	3	0	3	1
Case 91	6	22,838,984	22,999,042	2	0	2	1
Case 91	6	23,006,527	23,108,561	3	0	3	1
Case 91	6	23,109,522	23,554,642	2	0	2	1
Case 91	6	23,556,224	23,640,863	3	0	3	1
Case 91	6	23,645,529	23,774,487	2	0	2	1
Case 91	6	23,775,595	23,796,356	3	0	3	1
Case 91	6	23,798,295	23,947,613	2	0	2	1
Case 91	6	23,951,514	24,533,806	3	0	3	1
Case 91	6	24,533,938	24,551,729	2	0	2	1
Case 91	6	24,554,762	24,596,420	3	0	3	1
Case 91	6	24,596,433	24,932,145	2	0	2	1
Case 91	6	24,938,277	26,056,321	3	0	3	1
Case 91	6	26,056,549	26,087,736	2	0	2	1
Case 91	6	26,088,890	26,127,184	3	0	3	1
Case 91	6	26,128,446	26,198,916	2	0	2	1
Case 91	6	26,199,014	26,608,325	3	0	3	1
Case 91	6	26,612,363	26,665,835	2	0	2	1
Case 91	6	26,668,384	27,312,078	3	0	3	1
Case 91	6	27,318,836	27,367,824	2	0	2	1
Case 91	6	27,367,887	27,690,174	3	0	3	1
Case 91	6	27,690,905	27,987,776	2	0	2	1
Case 91	6	27,998,258	28,137,730	3	0	3	1
Case 91	6	28,140,134	28,191,859	2	0	2	1
Case 91	6	28,193,190	28,203,300	3	0	3	1
Case 91	6	28,204,793	28,223,191	2	0	2	1
Case 91	6	28,223,680	28,367,768	3	0	3	1
Case 91	6	28,370,246	28,444,165	2	0	2	1
Case 91	6	28,447,915	28,890,219	3	0	3	1
Case 91	6	28,891,176	28,904,162	2	0	2	1
Case 91	6	28,905,791	29,275,298	3	0	3	1
Case 91	6	29,275,380	29,341,449	2	0	2	1
Case 91	6	29,342,227	29,398,000	3	0	3	1
Case 91	6	29,398,815	29,407,378	2	0	2	1
Case 91	6	29,407,800	29,492,563	3	0	3	1
Case 91	6	29,494,897	29,501,422	2	0	2	1
Case 91	6	29,501,514	29,812,030	3	0	3	1
Case 91	6	29,812,471	29,817,106	2	0	2	1
Case 91	6	29,817,244	32,357,715	3	0	3	1
Case 91	6	32,358,270	32,364,214	2	0	2	1
Case 91	6	32,365,580	32,414,273	3	0	3	1
Case 91	6	32,415,975	32,424,380	2	0	2	1
Case 91	6	32,424,882	32,582,075	3	0	3	1
Case 91	6	32,582,796	32,592,737	2	0	2	1

Case 91	6	32,592,851	32,766,854	3	0	3	1
Case 91	6	32,767,091	32,779,996	2	0	2	1
Case 91	6	32,780,317	32,999,330	3	0	3	1
Case 91	6	33,001,735	33,014,318	2	0	2	1
Case 91	6	33,015,419	38,790,796	3	0	3	1
Case 91	6	38,791,393	38,902,470	2	0	2	1
Case 91	6	38,903,220	41,001,644	3	0	3	1
Case 91	6	41,001,660	41,016,952	2	0	2	1
Case 91	6	41,020,510	41,738,845	3	0	3	1
Case 91	6	41,738,889	41,754,013	2	0	2	1
Case 91	6	41,754,576	42,467,898	3	0	3	1
Case 91	6	42,470,474	42,604,917	2	0	2	1
Case 91	6	42,609,352	43,063,516	3	0	3	1
Case 91	6	43,065,329	43,128,852	2	0	2	1
Case 91	6	43,129,986	44,863,106	3	0	3	1
Case 91	6	44,875,097	45,349,497	2	0	2	1
Case 91	6	45,349,509	46,054,285	3	0	3	1
Case 91	6	46,058,361	46,135,984	2	0	2	1
Case 91	6	46,142,439	46,553,670	3	0	3	1
Case 91	6	46,554,836	46,597,508	2	0	2	1
Case 91	6	46,597,608	46,657,760	3	0	3	1
Case 91	6	46,657,792	46,659,849	2	0	2	1
Case 91	6	46,659,884	46,660,657	3	0	3	1
Case 91	6	46,660,963	46,672,394	2	0	2	1
Case 91	6	46,672,913	48,288,536	3	0	3	1
Case 91	6	48,289,514	49,740,169	2	0	2	1
Case 91	6	49,744,632	49,771,994	3	0	3	1
Case 91	6	49,778,621	50,727,940	2	0	2	1
Case 91	6	50,740,488	50,966,474	3	0	3	1
Case 91	6	50,967,007	51,513,918	2	0	2	1
Case 91	6	51,514,462	51,524,258	3	0	3	1
Case 91	6	51,524,339	51,612,837	2	0	2	1
Case 91	6	51,612,838	53,971,401	3	0	3	1
Case 91	6	53,975,913	54,164,079	2	0	2	1
Case 91	6	54,164,397	54,433,329	3	0	3	1
Case 91	6	54,438,426	54,489,220	2	0	2	1
Case 91	6	54,491,621	55,084,697	3	0	3	1
Case 91	6	55,087,410	55,214,932	2	0	2	1
Case 91	6	55,216,005	55,448,610	3	0	3	1
Case 91	6	55,456,080	56,035,909	2	0	2	1
Case 91	6	56,044,578	56,204,017	3	0	3	1
Case 91	6	56,204,751	56,271,981	2	0	2	1
Case 91	6	56,272,686	56,879,990	3	0	3	1
Case 91	6	56,880,051	57,069,606	2	0	2	1
Case 91	6	57,070,684	57,540,722	3	0	3	1
Case 91	6	57,561,493	58,752,089	2	0	2	1
Case 91	6	61,891,118	64,121,251	2	0	2	1
Case 91	6	64,136,886	64,395,582	3	0	3	1
Case 91	6	64,397,433	70,836,769	2	0	2	1
Case 91	6	70,839,610	71,123,747	3	0	3	1
Case 91	6	71,162,209	71,329,265	2	0	2	1
Case 91	6	71,330,911	71,751,997	3	0	3	1
Case 91	6	71,752,093	71,963,483	2	0	2	1
Case 91	6	71,968,427	72,479,263	3	0	3	1
Case 91	6	72,481,492	72,624,622	2	0	2	1
Case 91	6	72,627,446	72,845,455	3	0	3	1
Case 91	6	72,851,032	73,663,745	2	0	2	1
Case 91	6	73,664,251	74,126,084	3	0	3	1
Case 91	6	74,126,941	74,171,753	2	0	2	1
Case 91	6	74,176,061	74,710,860	3	0	3	1
Case 91	6	74,725,759	75,843,010	2	0	2	1



Case 91	6	75,843,360	76,228,952	3	0	3	1
Case 91	6	76,236,061	76,450,023	2	0	2	1
Case 91	6	76,458,378	76,698,468	3	0	3	1
Case 91	6	76,710,341	76,960,326	2	0	2	1
Case 91	6	76,969,607	77,354,191	3	0	3	1
Case 91	6	77,356,681	77,391,826	2	0	2	1
Case 91	6	77,393,108	77,606,341	3	0	3	1
Case 91	6	77,608,445	78,149,229	2	0	2	1
Case 91	6	78,160,933	78,236,296	3	0	3	1
Case 91	6	78,241,057	79,823,541	2	0	2	1
Case 91	6	79,826,148	80,002,510	3	0	3	1
Case 91	6	80,010,402	80,135,831	2	0	2	1
Case 91	6	80,136,327	80,495,689	3	0	3	1
Case 91	6	80,501,763	80,765,111	2	0	2	1
Case 91	6	80,775,330	80,860,072	3	0	3	1
Case 91	6	80,878,662	81,153,486	2	0	2	1
Case 91	6	81,159,931	81,274,336	3	0	3	1
Case 91	6	81,276,112	81,365,907	2	0	2	1
Case 91	6	81,366,484	81,689,287	3	0	3	1
Case 91	6	81,698,459	81,960,107	2	0	2	1
Case 91	6	81,985,033	82,857,374	3	0	3	1
Case 91	6	82,857,479	83,284,573	2	0	2	1
Case 91	6	83,284,952	83,847,590	3	0	3	1
Case 91	6	83,847,699	84,169,965	2	0	2	1
Case 91	6	84,174,401	84,250,330	3	0	3	1
Case 91	6	84,264,333	85,521,035	2	0	2	1
Case 91	6	85,523,135	86,203,585	3	0	3	1
Case 91	6	86,203,963	86,269,039	2	0	2	1
Case 91	6	86,279,737	86,691,940	3	0	3	1
Case 91	6	86,697,586	87,856,003	2	0	2	1
Case 91	6	87,864,745	88,729,447	3	0	3	1
Case 91	6	88,731,608	88,843,390	2	0	2	1
Case 91	6	88,845,949	90,340,446	3	0	3	1
Case 91	6	90,340,454	90,422,980	2	0	2	1
Case 91	6	90,424,391	91,376,578	3	0	3	1
Case 91	6	91,385,628	91,564,260	2	0	2	1
Case 91	6	91,565,841	91,670,249	3	0	3	1
Case 91	6	91,675,072	93,543,673	2	0	2	1
Case 91	6	93,545,700	93,584,284	3	0	3	1
Case 91	6	93,587,834	96,622,433	2	0	2	1
Case 91	6	96,625,462	96,796,050	3	0	3	1
Case 91	6	96,796,630	97,208,361	2	0	2	1
Case 91	6	97,209,235	97,459,945	3	0	3	1
Case 91	6	97,461,663	98,169,324	2	0	2	1
Case 91	6	98,169,886	98,331,498	3	0	3	1
Case 91	6	98,332,567	99,365,582	2	0	2	1
Case 91	6	99,374,400	99,803,269	3	0	3	1
Case 91	6	99,804,157	99,912,594	2	0	2	1
Case 91	6	99,913,003	100,321,734	3	0	3	1
Case 91	6	100,324,464	100,674,799	2	0	2	1
Case 91	6	100,676,593	100,888,625	3	0	3	1
Case 91	6	100,894,587	104,740,181	2	0	2	1
Case 91	6	104,742,765	105,171,129	3	0	3	1
Case 91	6	105,173,534	105,352,035	2	0	2	1
Case 91	6	105,378,954	108,317,269	3	0	3	1
Case 91	6	108,321,035	108,713,146	2	0	2	1
Case 91	6	108,739,757	109,837,133	3	0	3	1
Case 91	6	109,837,229	110,062,679	2	0	2	1
Case 91	6	110,062,705	110,424,341	3	0	3	1
Case 91	6	110,424,599	110,714,205	2	0	2	1
Case 91	6	110,714,206	110,932,682	3	0	3	1

Case 91	6	110,936,144	111,374,253	2	0	2	1
Case 91	6	111,378,729	111,696,756	3	0	3	1
Case 91	6	111,696,850	111,784,919	2	0	2	1
Case 91	6	111,809,796	112,529,727	3	0	3	1
Case 91	6	112,531,660	112,668,922	2	0	2	1
Case 91	6	112,670,796	112,915,138	3	0	3	1
Case 91	6	112,920,882	113,712,036	2	0	2	1
Case 91	6	113,712,795	114,553,296	3	0	3	1
Case 91	6	114,553,493	116,014,608	2	0	2	1
Case 91	6	116,023,522	116,441,668	3	0	3	1
Case 91	6	116,441,915	116,566,845	2	0	2	1
Case 91	6	116,570,488	116,772,664	3	0	3	1
Case 91	6	116,775,633	116,833,259	2	0	2	1
Case 91	6	116,834,007	116,972,117	3	0	3	1
Case 91	6	116,972,865	117,113,773	2	0	2	1
Case 91	6	117,113,774	117,220,071	3	0	3	1
Case 91	6	117,232,111	117,532,372	2	0	2	1
Case 91	6	117,536,229	117,609,683	3	0	3	1
Case 91	6	117,609,714	117,704,649	2	0	2	1
Case 91	6	117,707,022	118,372,057	3	0	3	1
Case 91	6	118,379,187	118,886,886	2	0	2	1
Case 91	6	118,886,955	119,819,043	3	0	3	1
Case 91	6	119,820,198	121,756,088	2	0	2	1
Case 91	6	121,758,907	121,860,207	3	0	3	1
Case 91	6	121,860,377	124,023,675	2	0	2	1
Case 91	6	124,029,779	124,163,015	3	0	3	1
Case 91	6	124,166,282	124,805,874	2	0	2	1
Case 91	6	124,807,814	124,887,359	3	0	3	1
Case 91	6	124,889,636	124,907,009	2	0	2	1
Case 91	6	124,909,841	124,979,689	3	0	3	1
Case 91	6	124,980,834	125,107,056	2	0	2	1
Case 91	6	125,108,969	125,502,382	3	0	3	1
Case 91	6	125,505,326	125,569,863	2	0	2	1
Case 91	6	125,572,026	127,392,977	3	0	3	1
Case 91	6	127,398,595	127,583,408	2	0	2	1
Case 91	6	127,587,086	128,411,109	3	0	3	1
Case 91	6	128,411,176	128,795,887	2	0	2	1
Case 91	6	128,813,085	129,605,056	3	0	3	1
Case 91	6	129,609,124	129,702,793	2	0	2	1
Case 91	6	129,704,328	132,167,977	3	0	3	1
Case 91	6	132,168,997	132,204,839	2	0	2	1
Case 91	6	132,206,079	133,237,557	3	0	3	1
Case 91	6	133,242,963	133,396,480	2	0	2	1
Case 91	6	133,408,229	133,578,733	3	0	3	1
Case 91	6	133,586,425	133,621,996	2	0	2	1
Case 91	6	133,624,199	133,732,404	3	0	3	1
Case 91	6	133,732,908	133,776,122	2	0	2	1
Case 91	6	133,789,728	139,141,137	3	0	3	1
Case 91	6	139,142,909	139,232,443	2	0	2	1
Case 91	6	139,233,903	139,487,936	3	0	3	1
Case 91	6	139,495,658	139,563,937	2	0	2	1
Case 91	6	139,563,947	140,227,929	3	0	3	1
Case 91	6	140,241,272	142,396,884	2	0	2	1
Case 91	6	142,396,939	142,691,362	3	0	3	1
Case 91	6	142,691,549	142,853,486	2	0	2	1
Case 91	6	142,879,589	144,765,462	3	0	3	1
Case 91	6	144,765,490	145,187,154	2	0	2	1
Case 91	6	145,199,259	146,145,678	3	0	3	1
Case 91	6	146,204,066	146,248,241	2	0	2	1
Case 91	6	146,256,435	146,337,547	3	0	3	1
Case 91	6	146,368,041	147,175,178	2	0	2	1

Case 91	6	147,178,335	147,539,165	3	0	3	1
Case 91	6	147,543,680	147,813,402	2	0	2	1
Case 91	6	147,814,584	148,045,181	3	0	3	1
Case 91	6	148,048,684	148,207,211	2	0	2	1
Case 91	6	148,207,621	148,425,858	3	0	3	1
Case 91	6	148,426,922	148,470,854	2	0	2	1
Case 91	6	148,471,747	148,565,442	3	0	3	1
Case 91	6	148,567,159	148,682,423	2	0	2	1
Case 91	6	148,690,764	148,897,510	3	0	3	1
Case 91	6	148,897,782	149,080,301	2	0	2	1
Case 91	6	149,082,853	149,418,310	3	0	3	1
Case 91	6	149,423,228	149,504,792	2	0	2	1
Case 91	6	149,513,519	151,868,736	3	0	3	1
Case 91	6	151,868,835	151,907,127	2	0	2	1
Case 91	6	151,914,113	152,065,886	3	0	3	1
Case 91	6	152,068,364	152,332,825	2	0	2	1
Case 91	6	152,332,868	152,487,830	3	0	3	1
Case 91	6	152,487,926	152,651,729	2	0	2	1
Case 91	6	152,651,911	152,697,706	3	0	3	1
Case 91	6	152,697,940	153,057,767	2	0	2	1
Case 91	6	153,062,947	153,528,141	3	0	3	1
Case 91	6	153,529,163	153,855,165	2	0	2	1
Case 91	6	153,857,936	154,000,377	3	0	3	1
Case 91	6	154,005,563	154,360,508	2	0	2	1
Case 91	6	154,360,569	155,872,642	3	0	3	1
Case 91	6	155,872,975	155,981,520	2	0	2	1
Case 91	6	155,982,996	160,570,172	3	0	3	1
Case 91	6	160,570,624	160,600,590	2	0	2	1
Case 91	6	160,610,124	161,944,019	3	0	3	1
Case 91	6	161,948,991	162,081,478	2	0	2	1
Case 91	6	162,081,763	162,283,824	3	0	3	1
Case 91	6	162,288,538	162,530,070	2	0	2	1
Case 91	6	162,530,432	162,690,022	3	0	3	1
Case 91	6	162,690,634	162,886,686	2	0	2	1
Case 91	6	162,888,522	162,962,828	3	0	3	1
Case 91	6	162,966,431	163,710,391	2	0	2	1
Case 91	6	163,711,677	163,783,291	3	0	3	1
Case 91	6	163,788,191	164,043,825	2	0	2	1
Case 91	6	164,050,359	164,361,544	3	0	3	1
Case 91	6	164,362,709	165,015,261	2	0	2	1
Case 91	6	165,015,966	165,133,335	3	0	3	1
Case 91	6	165,161,492	166,031,534	2	0	2	1
Case 91	6	166,033,671	166,468,915	3	0	3	1
Case 91	6	166,470,464	166,574,346	2	0	2	1
Case 91	6	166,579,253	168,439,394	3	0	3	1
Case 91	6	168,440,640	168,576,745	2	0	2	1
Case 91	6	168,577,460	169,634,930	3	0	3	1
Case 91	6	169,637,456	169,642,042	2	0	2	1
Case 91	6	169,643,685	170,980,171	3	0	3	1
Case 91	7	44,935	4,825,686	2	2	4	0
Case 91	7	4,827,859	4,854,998	2	1	3	0
Case 91	7	4,855,862	46,093,628	2	2	4	0
Case 91	7	46,113,834	46,113,883	1	0	1	0
Case 91	7	46,116,722	58,019,061	2	2	4	0
Case 91	7	61,056,053	91,029,468	2	2	4	0
Case 91	7	91,033,074	91,033,751	1	0	1	0
Case 91	7	91,038,222	149,512,267	2	2	4	0
Case 91	7	149,512,331	149,521,199	2	1	3	0
Case 91	7	149,521,517	159,119,486	2	2	4	0
Case 91	8	164,984	2,135,762	2	2	4	0
Case 91	8	2,142,267	2,214,734	4	2	6	0

Case 91	8	2,214,787	43,791,691	2	2	4	0
Case 91	8	46,886,735	49,637,360	2	2	4	0
Case 91	8	49,642,398	50,396,852	3	2	5	0
Case 91	8	50,403,271	51,855,787	4	2	6	0
Case 91	8	51,862,244	52,454,721	3	2	5	0
Case 91	8	52,457,825	53,001,694	4	2	6	0
Case 91	8	53,006,766	53,287,893	3	2	5	0
Case 91	8	53,291,161	54,038,721	4	2	6	0
Case 91	8	54,040,235	55,079,018	3	2	5	0
Case 91	8	55,094,784	55,281,514	4	2	6	0
Case 91	8	55,292,539	56,004,352	3	2	5	0
Case 91	8	56,006,992	56,814,010	4	2	6	0
Case 91	8	56,816,710	57,559,056	3	2	5	0
Case 91	8	57,560,790	57,834,357	4	2	6	0
Case 91	8	57,835,489	58,151,537	3	2	5	0
Case 91	8	58,156,121	58,784,889	4	2	6	0
Case 91	8	58,788,078	59,066,247	3	2	5	0
Case 91	8	59,070,935	59,305,199	4	2	6	0
Case 91	8	59,305,290	59,493,112	3	2	5	0
Case 91	8	59,494,712	59,720,604	4	2	6	0
Case 91	8	59,722,405	59,766,131	3	2	5	0
Case 91	8	59,766,309	60,338,539	4	2	6	0
Case 91	8	60,345,744	61,064,522	3	2	5	0
Case 91	8	61,067,170	63,906,122	4	2	6	0
Case 91	8	63,906,828	64,050,344	3	2	5	0
Case 91	8	64,067,109	64,367,858	4	2	6	0
Case 91	8	64,369,361	64,735,494	3	2	5	0
Case 91	8	64,743,305	65,593,996	4	2	6	0
Case 91	8	65,594,917	68,527,890	3	2	5	0
Case 91	8	68,528,197	68,650,640	4	2	6	0
Case 91	8	68,653,516	69,106,451	3	2	5	0
Case 91	8	69,111,735	69,411,716	4	2	6	0
Case 91	8	69,419,194	69,883,644	3	2	5	0
Case 91	8	69,883,967	69,959,105	4	2	6	0
Case 91	8	69,966,936	70,410,776	3	2	5	0
Case 91	8	70,410,813	70,513,477	4	2	6	0
Case 91	8	70,513,720	70,767,079	3	2	5	0
Case 91	8	70,770,391	70,926,678	4	2	6	0
Case 91	8	70,927,807	71,464,387	3	2	5	0
Case 91	8	71,468,885	72,530,703	4	2	6	0
Case 91	8	72,531,550	72,761,149	3	2	5	0
Case 91	8	72,761,190	73,025,542	4	2	6	0
Case 91	8	73,030,939	74,291,106	3	2	5	0
Case 91	8	74,298,129	74,463,510	4	2	6	0
Case 91	8	74,466,473	75,249,396	3	2	5	0
Case 91	8	75,254,086	75,474,529	4	2	6	0
Case 91	8	75,476,021	75,945,850	3	2	5	0
Case 91	8	75,946,695	77,671,877	4	2	6	0
Case 91	8	77,686,271	77,796,116	3	2	5	0
Case 91	8	77,796,946	78,815,409	4	2	6	0
Case 91	8	78,815,891	79,779,026	3	2	5	0
Case 91	8	79,790,796	80,430,937	4	2	6	0
Case 91	8	80,431,800	80,976,814	3	2	5	0
Case 91	8	80,980,662	81,312,277	4	2	6	0
Case 91	8	81,318,892	81,609,700	3	2	5	0
Case 91	8	81,625,458	81,886,686	4	2	6	0
Case 91	8	81,887,806	82,236,841	3	2	5	0
Case 91	8	82,237,403	82,289,838	4	2	6	0
Case 91	8	82,307,171	82,651,241	3	2	5	0
Case 91	8	82,653,644	83,098,845	4	2	6	0
Case 91	8	83,115,706	83,183,692	3	2	5	0

Case 91	8	83,219,272	83,599,801	2	1	3	0
Case 91	8	83,601,965	83,601,965	2	2	4	0
Case 91	8	83,615,856	83,892,519	4	2	6	0
Case 91	8	83,906,803	84,341,097	3	2	5	0
Case 91	8	84,373,550	87,076,250	4	2	6	0
Case 91	8	87,076,258	87,683,198	3	2	5	0
Case 91	8	87,690,019	87,914,099	4	2	6	0
Case 91	8	87,914,971	88,472,853	3	2	5	0
Case 91	8	88,472,924	89,083,979	4	2	6	0
Case 91	8	89,084,837	90,449,190	3	2	5	0
Case 91	8	90,476,925	92,050,774	4	2	6	0
Case 91	8	92,055,426	93,213,672	3	2	5	0
Case 91	8	93,213,730	93,493,264	4	2	6	0
Case 91	8	93,493,424	93,658,348	3	2	5	0
Case 91	8	93,664,619	94,091,847	4	2	6	0
Case 91	8	94,092,222	94,439,189	3	2	5	0
Case 91	8	94,464,752	95,161,080	4	2	6	0
Case 91	8	95,161,082	95,383,875	3	2	5	0
Case 91	8	95,384,436	96,730,999	4	2	6	0
Case 91	8	96,731,898	96,985,292	3	2	5	0
Case 91	8	96,988,158	97,122,652	4	2	6	0
Case 91	8	97,125,655	97,682,211	3	2	5	0
Case 91	8	97,684,364	98,168,703	4	2	6	0
Case 91	8	98,168,814	98,483,235	3	2	5	0
Case 91	8	98,485,861	98,970,479	4	2	6	0
Case 91	8	98,972,725	99,088,251	3	2	5	0
Case 91	8	99,088,581	102,514,213	4	2	6	0
Case 91	8	102,514,354	103,058,601	3	2	5	0
Case 91	8	103,059,848	103,469,290	4	2	6	0
Case 91	8	103,483,466	103,769,678	3	2	5	0
Case 91	8	103,770,205	105,478,933	4	2	6	0
Case 91	8	105,479,120	105,942,054	3	2	5	0
Case 91	8	105,943,784	106,792,591	4	2	6	0
Case 91	8	106,798,675	106,815,578	3	2	5	0
Case 91	8	106,816,281	107,763,828	4	2	6	0
Case 91	8	107,773,278	107,957,800	3	2	5	0
Case 91	8	107,961,779	110,456,971	4	2	6	0
Case 91	8	110,456,989	110,673,564	3	2	5	0
Case 91	8	110,676,039	112,290,740	4	2	6	0
Case 91	8	112,303,321	112,633,913	3	2	5	0
Case 91	8	112,641,812	113,241,088	4	2	6	0
Case 91	8	113,246,660	113,405,543	3	2	5	0
Case 91	8	113,411,888	113,975,571	4	2	6	0
Case 91	8	113,988,161	114,415,265	3	2	5	0
Case 91	8	114,417,130	115,011,589	4	2	6	0
Case 91	8	115,012,364	116,670,347	3	2	5	0
Case 91	8	116,670,428	117,480,311	4	2	6	0
Case 91	8	117,482,886	117,838,623	3	2	5	0
Case 91	8	117,841,222	118,001,867	4	2	6	0
Case 91	8	118,002,807	118,296,603	3	2	5	0
Case 91	8	118,300,497	118,442,583	4	2	6	0
Case 91	8	118,457,084	118,710,620	3	2	5	0
Case 91	8	118,713,826	120,363,974	4	2	6	0
Case 91	8	120,365,319	120,715,175	3	2	5	0
Case 91	8	120,718,441	121,555,764	4	2	6	0
Case 91	8	121,561,028	121,840,359	3	2	5	0
Case 91	8	121,840,706	123,545,374	4	2	6	0
Case 91	8	123,552,740	123,966,118	3	2	5	0
Case 91	8	123,967,175	124,172,895	4	2	6	0
Case 91	8	124,176,245	124,256,276	3	2	5	0
Case 91	8	124,259,431	124,614,367	4	2	6	0

Case 91	8	124,616,796	125,268,122	3	2	5	0
Case 91	8	125,268,800	125,430,662	4	2	6	0
Case 91	8	125,437,811	125,677,005	3	2	5	0
Case 91	8	125,681,849	125,815,850	4	2	6	0
Case 91	8	125,825,915	126,068,873	3	2	5	0
Case 91	8	126,071,717	128,483,096	4	2	6	0
Case 91	8	128,484,223	128,600,662	3	2	5	0
Case 91	8	128,601,372	129,748,718	4	2	6	0
Case 91	8	129,794,677	130,181,882	3	2	5	0
Case 91	8	130,184,121	131,797,568	4	2	6	0
Case 91	8	131,799,767	132,389,937	3	2	5	0
Case 91	8	132,398,697	133,035,196	4	2	6	0
Case 91	8	133,036,718	134,296,524	3	2	5	0
Case 91	8	134,298,492	134,327,372	4	2	6	0
Case 91	8	134,327,512	134,508,256	3	2	5	0
Case 91	8	134,508,510	134,700,316	4	2	6	0
Case 91	8	134,700,487	135,744,460	3	2	5	0
Case 91	8	135,745,432	135,954,467	4	2	6	0
Case 91	8	135,958,538	137,428,405	3	2	5	0
Case 91	8	137,430,757	137,679,805	4	2	6	0
Case 91	8	137,682,484	138,336,145	3	2	5	0
Case 91	8	138,337,729	138,596,758	4	2	6	0
Case 91	8	138,598,197	138,634,023	3	2	5	0
Case 91	8	138,638,199	138,791,415	4	2	6	0
Case 91	8	138,791,736	139,328,092	3	2	5	0
Case 91	8	139,328,196	139,513,971	4	2	6	0
Case 91	8	139,518,806	140,081,806	3	2	5	0
Case 91	8	140,084,803	140,258,963	4	2	6	0
Case 91	8	140,259,225	140,309,909	3	2	5	0
Case 91	8	140,318,368	140,646,990	4	2	6	0
Case 91	8	140,650,804	141,506,903	3	2	5	0
Case 91	8	141,514,184	142,125,305	4	2	6	0
Case 91	8	142,131,002	142,593,773	3	2	5	0
Case 91	8	142,598,202	143,302,166	4	2	6	0
Case 91	8	143,302,580	146,293,414	3	2	5	0
Case 91	9	46,587	46,944,322	2	2	4	0
Case 91	9	65,629,772	72,091,104	2	2	4	0
Case 91	9	72,100,118	72,107,335	1	0	1	0
Case 91	9	72,115,231	95,218,829	2	2	4	0
Case 91	9	95,219,248	141,066,491	4	0	4	1
Case 91	10	98,087	39,097,912	2	2	4	0
Case 91	10	42,436,301	135,477,883	2	2	4	0
Case 91	11	193,146	51,591,253	2	2	4	0
Case 91	11	54,794,237	55,362,955	2	2	4	0
Case 91	11	55,370,325	55,427,700	1	0	1	0
Case 91	11	55,431,897	86,304,054	2	2	4	0
Case 91	11	86,304,402	86,305,758	1	0	1	0
Case 91	11	86,308,532	134,934,063	2	2	4	0
Case 91	12	191,619	34,170,425	4	0	4	1
Case 91	12	34,174,756	34,340,168	2	2	4	0
Case 91	12	34,362,752	34,853,011	3	0	3	1
Case 91	12	37,876,400	38,514,872	3	0	3	1
Case 91	12	38,528,487	133,810,935	4	0	4	1
Case 91	13	19,058,717	115,103,529	2	2	4	0
Case 91	14	19,280,733	22,599,159	2	2	4	0
Case 91	14	22,605,173	22,922,238	3	2	5	0
Case 91	14	22,924,194	107,287,663	2	2	4	0
Case 91	15	20,034,919	43,893,610	2	2	4	0
Case 91	15	43,893,818	43,939,659	4	2	6	0
Case 91	15	43,990,211	102,461,162	2	2	4	0
Case 91	16	88,165	1,250,279	2	2	4	0

Case 91	16	1,250,378	1,256,122	2	1	3	0
Case 91	16	1,256,126	35,285,582	2	2	4	0
Case 91	16	46,450,037	53,780,102	2	2	4	0
Case 91	16	53,790,402	53,981,421	3	0	3	1
Case 91	16	53,989,673	78,631,794	2	2	4	0
Case 91	16	78,635,193	78,703,545	3	0	3	1
Case 91	16	78,705,026	78,713,526	2	0	2	1
Case 91	16	78,714,567	78,731,449	0	0	0	0
Case 91	16	78,733,911	78,818,322	3	0	3	1
Case 91	16	78,819,227	78,863,813	2	0	2	1
Case 91	16	78,864,699	78,883,118	3	0	3	1
Case 91	16	78,885,182	79,906,401	2	2	4	0
Case 91	16	79,914,909	79,993,593	3	2	5	0
Case 91	16	79,997,583	80,245,950	4	2	6	0
Case 91	16	80,247,432	80,429,577	3	2	5	0
Case 91	16	80,440,301	90,274,695	2	2	4	0
Case 91	17	11,885	15,983,762	4	0	4	1
Case 91	17	15,983,784	22,242,355	2	2	4	0
Case 91	17	25,268,142	34,436,708	2	2	4	0
Case 91	17	34,443,811	34,825,482	4	2	6	0
Case 91	17	34,831,963	81,060,040	2	2	4	0
Case 91	18	87,505	15,375,878	2	2	4	0
Case 91	18	18,520,354	78,015,180	2	2	4	0
Case 91	19	260,912	8,130,238	2	2	4	0
Case 91	19	8,130,867	8,151,993	2	1	3	0
Case 91	19	8,152,017	23,503,445	2	2	4	0
Case 91	19	23,511,218	24,629,285	2	1	3	0
Case 91	19	27,732,159	27,960,006	2	1	3	0
Case 91	19	27,978,445	41,356,054	2	2	4	0
Case 91	19	41,356,751	41,379,148	1	0	1	0
Case 91	19	41,382,476	59,097,160	2	2	4	0
Case 91	20	63,244	26,293,985	2	2	4	0
Case 91	20	29,425,357	60,891,045	2	2	4	0
Case 91	20	60,891,783	60,899,192	2	1	3	0
Case 91	20	60,899,196	62,948,788	2	2	4	0
Case 91	21	10,827,533	10,971,337	4	0	4	1
Case 91	21	14,368,320	48,100,155	4	0	4	1
Case 91	22	16,114,244	51,195,728	2	2	4	0
Case 92	1	82,154	1,210,471	2	0	2	1
Case 92	1	1,210,963	1,273,365	1	0	1	0
Case 92	1	1,273,654	2,939,260	2	0	2	1
Case 92	1	2,939,409	3,169,088	3	0	3	1
Case 92	1	3,177,480	3,407,007	2	0	2	1
Case 92	1	3,407,112	3,456,871	1	0	1	0
Case 92	1	3,457,295	4,190,685	2	0	2	1
Case 92	1	4,194,597	4,772,619	3	0	3	1
Case 92	1	4,772,658	4,965,631	2	0	2	1
Case 92	1	4,968,528	5,312,308	3	0	3	1
Case 92	1	5,312,366	5,479,861	2	0	2	1
Case 92	1	5,482,386	5,717,388	3	0	3	1
Case 92	1	5,719,342	5,993,223	2	1	3	0
Case 92	1	5,993,313	9,422,435	2	2	4	0
Case 92	1	9,422,875	10,643,829	3	2	5	0
Case 92	1	10,649,223	13,743,099	2	1	3	0
Case 92	1	13,775,026	13,923,574	2	2	4	0
Case 92	1	13,933,727	14,279,513	2	0	2	1
Case 92	1	14,279,619	15,599,025	3	0	3	1
Case 92	1	15,599,160	17,386,104	2	0	2	1
Case 92	1	17,386,880	17,490,249	3	0	3	1
Case 92	1	17,501,898	18,024,794	2	0	2	1
Case 92	1	18,026,435	18,391,974	3	0	3	1

Case 92	1	18,392,608	18,696,322	2	0	2	1
Case 92	1	18,696,728	18,805,564	3	0	3	1
Case 92	1	18,805,698	19,635,032	2	0	2	1
Case 92	1	19,636,041	20,943,139	3	0	3	1
Case 92	1	20,943,195	22,595,026	2	0	2	1
Case 92	1	22,596,600	22,807,171	3	0	3	1
Case 92	1	22,816,686	22,989,745	2	0	2	1
Case 92	1	22,993,335	23,689,580	3	0	3	1
Case 92	1	23,689,657	24,684,728	2	0	2	1
Case 92	1	24,687,343	25,289,427	3	0	3	1
Case 92	1	25,294,264	25,364,652	2	1	3	0
Case 92	1	25,366,182	27,930,898	2	0	2	1
Case 92	1	27,931,698	28,087,052	3	0	3	1
Case 92	1	28,087,085	29,707,412	2	0	2	1
Case 92	1	29,711,271	31,188,935	3	0	3	1
Case 92	1	31,189,689	49,589,847	2	1	3	0
Case 92	1	49,592,880	50,613,772	2	0	2	1
Case 92	1	50,620,945	53,320,274	3	0	3	1
Case 92	1	53,322,768	53,579,583	2	0	2	1
Case 92	1	53,580,433	54,415,698	3	0	3	1
Case 92	1	54,417,796	54,608,460	2	0	2	1
Case 92	1	54,609,652	54,794,985	3	0	3	1
Case 92	1	54,796,767	55,775,534	2	0	2	1
Case 92	1	55,775,665	57,936,193	3	0	3	1
Case 92	1	57,937,562	58,286,508	2	0	2	1
Case 92	1	58,288,317	62,482,827	3	0	3	1
Case 92	1	62,483,586	64,034,086	2	0	2	1
Case 92	1	64,034,140	65,135,068	3	0	3	1
Case 92	1	65,139,130	66,915,125	2	0	2	1
Case 92	1	66,917,166	69,243,474	3	0	3	1
Case 92	1	69,243,544	85,094,999	2	0	2	1
Case 92	1	85,095,457	86,591,161	3	0	3	1
Case 92	1	86,591,291	86,949,930	2	0	2	1
Case 92	1	86,950,320	91,014,198	3	0	3	1
Case 92	1	91,018,205	91,885,970	2	0	2	1
Case 92	1	91,886,640	92,215,089	3	0	3	1
Case 92	1	92,215,725	94,467,407	2	0	2	1
Case 92	1	94,467,548	96,120,380	3	0	3	1
Case 92	1	96,124,935	99,949,506	2	0	2	1
Case 92	1	99,951,162	101,203,664	3	0	3	1
Case 92	1	101,203,691	107,861,609	2	0	2	1
Case 92	1	107,862,053	111,319,892	3	0	3	1
Case 92	1	111,322,647	111,724,915	2	0	2	1
Case 92	1	111,726,213	112,243,947	3	0	3	1
Case 92	1	112,245,587	117,838,939	2	1	3	0
Case 92	1	117,844,251	119,925,632	2	2	4	0
Case 92	1	119,925,642	121,346,616	2	1	3	0
Case 92	1	142,649,718	145,021,126	2	1	3	0
Case 92	1	145,075,809	152,060,492	2	2	4	0
Case 92	1	152,060,495	152,286,388	2	1	3	0
Case 92	1	152,286,468	155,145,097	2	2	4	0
Case 92	1	155,146,102	155,292,624	2	1	3	0
Case 92	1	155,292,708	174,781,083	2	2	4	0
Case 92	1	174,794,144	174,903,882	2	0	2	1
Case 92	1	174,926,686	182,420,448	2	2	4	0
Case 92	1	182,422,667	225,036,472	2	1	3	0
Case 92	1	225,038,158	225,562,385	3	1	4	0
Case 92	1	225,562,475	245,170,495	2	1	3	0
Case 92	1	245,173,460	245,446,024	3	0	3	1
Case 92	1	245,446,721	245,477,121	2	0	2	1
Case 92	1	245,480,950	246,181,070	2	1	3	0



Case 92	1	246,182,293	246,393,283	2	0	2	1
Case 92	1	246,409,434	249,218,992	2	1	3	0
Case 92	2	18,674	2,633,258	1	1	2	0
Case 92	2	2,633,388	3,027,789	2	1	3	0
Case 92	2	3,029,042	3,729,254	1	1	2	0
Case 92	2	3,730,635	4,469,132	2	1	3	0
Case 92	2	4,470,836	6,946,945	1	1	2	0
Case 92	2	6,947,587	33,664,350	2	1	3	0
Case 92	2	33,668,178	33,996,983	1	1	2	0
Case 92	2	34,001,967	34,290,662	2	1	3	0
Case 92	2	34,291,360	36,270,756	1	1	2	0
Case 92	2	36,273,831	49,634,490	2	1	3	0
Case 92	2	49,635,681	53,851,844	1	1	2	0
Case 92	2	53,852,071	57,039,250	2	1	3	0
Case 92	2	57,040,068	59,494,725	1	1	2	0
Case 92	2	59,496,548	71,118,757	2	1	3	0
Case 92	2	71,126,725	71,739,734	1	1	2	0
Case 92	2	71,740,142	73,179,990	2	1	3	0
Case 92	2	73,184,979	73,680,508	1	1	2	0
Case 92	2	73,680,922	74,077,526	2	1	3	0
Case 92	2	74,077,556	74,709,541	1	1	2	0
Case 92	2	74,709,876	75,037,843	2	1	3	0
Case 92	2	75,039,614	78,861,056	1	1	2	0
Case 92	2	78,870,238	79,400,697	2	1	3	0
Case 92	2	79,404,926	83,947,833	1	1	2	0
Case 92	2	83,948,943	88,427,471	2	1	3	0
Case 92	2	88,428,571	92,081,640	1	1	2	0
Case 92	2	95,429,424	95,954,264	1	1	2	0
Case 92	2	95,954,266	98,427,662	2	1	3	0
Case 92	2	98,429,181	98,853,173	2	0	2	1
Case 92	2	98,866,775	101,141,543	2	1	3	0
Case 92	2	101,143,716	109,668,668	1	1	2	0
Case 92	2	109,669,494	112,655,242	2	1	3	0
Case 92	2	112,662,407	113,082,564	5	0	5	1
Case 92	2	113,088,878	113,089,267	2	1	3	0
Case 92	2	113,089,799	113,797,677	3	1	4	0
Case 92	2	113,798,388	114,162,983	2	1	3	0
Case 92	2	114,256,949	147,648,705	1	1	2	0
Case 92	2	147,667,221	148,414,707	2	1	3	0
Case 92	2	148,418,820	152,402,171	1	1	2	0
Case 92	2	152,404,198	153,299,943	2	1	3	0
Case 92	2	153,315,366	154,032,484	3	1	4	0
Case 92	2	154,052,591	157,873,775	2	1	3	0
Case 92	2	157,875,846	160,125,205	1	1	2	0
Case 92	2	160,128,306	160,239,267	2	0	2	1
Case 92	2	160,239,378	160,374,182	1	0	1	0
Case 92	2	160,386,260	165,602,181	1	1	2	0
Case 92	2	165,612,039	166,019,183	2	1	3	0
Case 92	2	166,020,893	171,438,669	1	1	2	0
Case 92	2	171,440,524	172,919,713	3	1	4	0
Case 92	2	172,921,454	174,132,406	2	1	3	0
Case 92	2	174,134,529	198,097,758	1	1	2	0
Case 92	2	198,108,977	198,517,592	3	1	4	0
Case 92	2	198,520,615	199,402,357	2	1	3	0
Case 92	2	199,409,121	200,578,867	1	1	2	0
Case 92	2	200,579,502	201,438,089	2	1	3	0
Case 92	2	201,438,143	202,074,528	3	1	4	0
Case 92	2	202,077,613	203,194,256	1	1	2	0
Case 92	2	203,203,865	204,436,759	3	1	4	0
Case 92	2	204,440,428	205,572,718	2	1	3	0
Case 92	2	205,581,824	205,697,101	1	1	2	0

Case 92	2	205,700,834	206,801,824	2	1	3	0
Case 92	2	206,806,002	207,285,883	3	1	4	0
Case 92	2	207,287,770	219,887,050	1	1	2	0
Case 92	2	219,887,984	224,620,222	2	1	3	0
Case 92	2	224,627,775	227,599,533	1	1	2	0
Case 92	2	227,603,355	228,754,582	4	1	5	0
Case 92	2	228,754,609	228,758,555	2	1	3	0
Case 92	2	228,758,626	229,088,494	3	1	4	0
Case 92	2	229,101,189	239,186,487	1	1	2	0
Case 92	2	239,188,479	239,260,601	4	0	4	1
Case 92	2	239,279,384	243,048,760	1	1	2	0
Case 92	3	61,495	46,003,831	1	1	2	0
Case 92	3	46,003,832	46,014,667	1	0	1	0
Case 92	3	46,016,944	60,382,023	1	1	2	0
Case 92	3	60,388,322	60,388,743	2	0	2	1
Case 92	3	60,390,846	60,501,884	0	0	0	0
Case 92	3	60,503,108	65,177,996	1	1	2	0
Case 92	3	65,180,001	65,185,849	2	0	2	1
Case 92	3	65,191,847	65,214,533	0	0	0	0
Case 92	3	65,215,804	82,512,579	1	1	2	0
Case 92	3	82,517,313	84,357,635	1	0	1	0
Case 92	3	84,377,718	90,442,925	1	1	2	0
Case 92	3	93,537,290	111,181,808	1	1	2	0
Case 92	3	111,189,285	115,952,799	2	1	3	0
Case 92	3	115,965,295	116,413,273	1	1	2	0
Case 92	3	116,420,202	117,248,700	2	1	3	0
Case 92	3	117,249,723	118,402,091	1	1	2	0
Case 92	3	118,402,543	123,728,685	2	1	3	0
Case 92	3	123,734,690	124,017,713	1	1	2	0
Case 92	3	124,017,996	124,831,048	2	1	3	0
Case 92	3	124,831,327	126,757,949	1	1	2	0
Case 92	3	126,759,984	144,106,346	2	1	3	0
Case 92	3	144,110,116	144,977,599	1	1	2	0
Case 92	3	144,980,846	148,562,470	2	1	3	0
Case 92	3	148,563,261	149,252,658	2	2	4	0
Case 92	3	149,252,801	158,819,701	2	1	3	0
Case 92	3	158,830,704	159,557,538	2	2	4	0
Case 92	3	159,557,953	167,986,692	2	1	3	0
Case 92	3	167,996,847	169,563,001	2	2	4	0
Case 92	3	169,565,571	169,639,114	2	1	3	0
Case 92	3	169,643,955	171,863,080	2	2	4	0
Case 92	3	171,863,425	184,684,029	2	1	3	0
Case 92	3	184,691,216	185,184,675	2	2	4	0
Case 92	3	185,184,738	197,838,262	2	1	3	0
Case 92	4	71,566	844,728	2	0	2	1
Case 92	4	844,834	985,296	1	0	1	0
Case 92	4	985,310	8,221,220	2	0	2	1
Case 92	4	8,222,157	8,239,236	1	0	1	0
Case 92	4	8,239,242	28,485,201	2	0	2	1
Case 92	4	28,497,681	30,412,195	1	0	1	0
Case 92	4	30,412,285	31,784,698	2	0	2	1
Case 92	4	31,785,073	35,073,545	1	0	1	0
Case 92	4	35,079,586	35,177,867	2	0	2	1
Case 92	4	35,183,361	35,689,166	1	0	1	0
Case 92	4	35,698,696	43,139,616	2	0	2	1
Case 92	4	43,140,284	44,868,270	1	0	1	0
Case 92	4	44,868,481	45,503,395	2	0	2	1
Case 92	4	45,507,374	46,878,105	1	0	1	0
Case 92	4	46,878,219	49,620,898	2	0	2	1
Case 92	4	52,697,856	60,512,343	2	0	2	1
Case 92	4	60,521,038	61,629,652	1	0	1	0

Case 92	4	61,634,572	63,341,773	2	0	2	1
Case 92	4	63,350,062	66,655,790	1	0	1	0
Case 92	4	66,657,060	67,400,568	2	0	2	1
Case 92	4	67,401,602	68,193,125	1	0	1	0
Case 92	4	68,198,578	69,932,587	2	0	2	1
Case 92	4	69,954,151	70,394,123	1	0	1	0
Case 92	4	70,395,452	91,158,914	2	0	2	1
Case 92	4	91,164,874	93,993,208	1	0	1	0
Case 92	4	93,994,938	116,243,567	2	0	2	1
Case 92	4	116,246,035	117,326,046	1	0	1	0
Case 92	4	117,374,128	118,244,984	2	0	2	1
Case 92	4	118,246,779	118,528,622	1	0	1	0
Case 92	4	118,531,857	119,462,685	2	0	2	1
Case 92	4	119,483,415	122,510,701	1	1	2	0
Case 92	4	122,511,492	126,415,914	2	0	2	1
Case 92	4	126,419,726	127,779,997	1	0	1	0
Case 92	4	127,788,899	131,750,641	2	0	2	1
Case 92	4	131,750,954	138,052,684	1	0	1	0
Case 92	4	138,054,384	153,896,257	2	0	2	1
Case 92	4	153,896,299	153,896,643	0	0	0	0
Case 92	4	153,896,656	160,937,416	2	0	2	1
Case 92	4	160,955,059	163,046,421	1	0	1	0
Case 92	4	163,048,238	163,749,607	2	0	2	1
Case 92	4	163,758,401	164,087,797	1	0	1	0
Case 92	4	164,092,042	172,338,295	2	0	2	1
Case 92	4	172,338,748	172,864,640	1	0	1	0
Case 92	4	172,868,453	179,119,001	2	0	2	1
Case 92	4	179,125,887	179,938,777	1	0	1	0
Case 92	4	179,940,301	180,365,895	2	0	2	1
Case 92	4	180,383,312	181,048,589	1	0	1	0
Case 92	4	181,048,849	190,963,766	2	0	2	1
Case 92	5	38,139	1,656,054	3	0	3	1
Case 92	5	1,659,414	1,660,985	2	1	3	0
Case 92	5	1,661,397	4,336,158	3	1	4	0
Case 92	5	4,341,114	4,814,945	3	2	5	0
Case 92	5	4,819,918	4,835,205	2	1	3	0
Case 92	5	4,839,617	12,285,739	3	1	4	0
Case 92	5	12,288,541	28,640,898	3	2	5	0
Case 92	5	28,644,794	33,962,770	2	2	4	0
Case 92	5	33,963,870	36,073,812	3	2	5	0
Case 92	5	36,087,610	36,087,610	2	1	3	0
Case 92	5	36,088,903	36,103,905	5	2	7	0
Case 92	5	36,105,254	37,314,379	4	2	6	0
Case 92	5	37,318,135	37,882,958	2	1	3	0
Case 92	5	37,887,883	44,777,878	3	1	4	0
Case 92	5	44,800,665	46,117,770	2	1	3	0
Case 92	5	46,127,095	46,378,957	1	1	2	0
Case 92	5	46,399,093	46,399,093	2	0	2	1
Case 92	5	49,457,282	50,231,548	2	0	2	1
Case 92	5	50,241,241	50,336,100	1	0	1	0
Case 92	5	50,340,102	51,108,566	2	0	2	1
Case 92	5	51,108,839	52,392,774	5	0	5	1
Case 92	5	52,394,439	52,408,132	2	0	2	1
Case 92	5	52,409,245	130,543,648	1	0	1	0
Case 92	5	130,547,165	133,553,379	2	0	2	1
Case 92	5	133,557,876	139,747,064	1	1	2	0
Case 92	5	139,747,147	139,931,384	2	0	2	1
Case 92	5	139,931,607	139,936,825	0	0	0	0
Case 92	5	139,936,835	180,693,127	1	1	2	0
Case 92	6	108,666	4,734,544	2	0	2	1
Case 92	6	4,735,035	5,080,264	1	0	1	0

Case 92	6	5,080,904	7,332,556	2	0	2	1
Case 92	6	7,335,799	7,444,223	1	0	1	0
Case 92	6	7,470,321	13,384,746	2	0	2	1
Case 92	6	13,391,155	14,608,299	1	0	1	0
Case 92	6	14,613,673	15,525,863	2	0	2	1
Case 92	6	15,525,997	15,916,856	1	0	1	0
Case 92	6	15,923,183	17,507,670	2	0	2	1
Case 92	6	17,507,935	17,706,404	1	0	1	0
Case 92	6	17,706,524	17,871,852	1	1	2	0
Case 92	6	17,873,622	20,733,389	4	1	5	0
Case 92	6	20,734,994	21,911,616	2	1	3	0
Case 92	6	21,911,852	25,413,828	1	1	2	0
Case 92	6	25,413,922	25,811,887	2	1	3	0
Case 92	6	25,811,932	29,549,261	1	1	2	0
Case 92	6	29,549,443	29,658,864	2	1	3	0
Case 92	6	29,661,456	30,893,675	2	0	2	1
Case 92	6	30,893,728	31,080,471	2	1	3	0
Case 92	6	31,080,586	31,502,861	2	0	2	1
Case 92	6	31,504,546	31,735,265	2	1	3	0
Case 92	6	31,735,456	34,530,165	2	0	2	1
Case 92	6	34,531,300	36,336,764	2	1	3	0
Case 92	6	36,336,803	36,786,072	2	0	2	1
Case 92	6	36,787,859	36,831,569	2	1	3	0
Case 92	6	36,839,598	37,719,060	5	0	5	1
Case 92	6	37,723,353	37,726,077	2	1	3	0
Case 92	6	37,726,524	37,726,524	5	0	5	1
Case 92	6	37,727,508	38,954,145	5	1	6	0
Case 92	6	38,956,892	41,664,501	3	2	5	0
Case 92	6	41,665,506	41,694,772	6	1	7	0
Case 92	6	41,698,134	43,129,986	6	0	6	1
Case 92	6	43,141,786	43,144,618	3	0	3	1
Case 92	6	43,146,387	43,173,908	1	1	2	0
Case 92	6	43,174,153	43,182,985	2	1	3	0
Case 92	6	43,183,913	44,270,171	6	0	6	1
Case 92	6	44,270,175	46,009,132	5	1	6	0
Case 92	6	46,010,683	46,022,074	3	2	5	0
Case 92	6	46,027,383	50,869,777	6	1	7	0
Case 92	6	50,892,728	50,892,728	6	0	6	1
Case 92	6	50,902,596	50,911,334	3	0	3	1
Case 92	6	50,921,271	52,630,110	7	0	7	1
Case 92	6	52,631,094	52,631,094	2	1	3	0
Case 92	6	52,631,188	57,227,695	6	0	6	1
Case 92	6	57,228,363	58,150,777	3	0	3	1
Case 92	6	58,168,152	58,711,541	7	0	7	1
Case 92	6	58,719,796	58,752,089	2	1	3	0
Case 92	6	61,891,118	64,808,231	2	1	3	0
Case 92	6	64,827,523	99,776,986	2	0	2	1
Case 92	6	99,781,218	100,010,747	1	0	1	0
Case 92	6	100,022,125	100,961,198	2	0	2	1
Case 92	6	100,964,057	104,587,040	1	0	1	0
Case 92	6	104,592,769	111,977,860	2	0	2	1
Case 92	6	111,978,744	112,382,324	3	0	3	1
Case 92	6	112,382,393	120,222,329	2	0	2	1
Case 92	6	120,229,469	120,871,846	1	0	1	0
Case 92	6	120,879,066	121,644,362	2	0	2	1
Case 92	6	121,653,046	122,763,602	1	0	1	0
Case 92	6	122,765,026	123,697,583	2	0	2	1
Case 92	6	123,699,019	123,941,672	1	0	1	0
Case 92	6	123,945,300	124,376,164	2	0	2	1
Case 92	6	124,376,272	124,698,568	1	0	1	0
Case 92	6	124,699,827	140,863,146	2	0	2	1

Case 92	6	140,864,558	142,169,481	1	0	1	0
Case 92	6	142,169,787	144,794,928	2	0	2	1
Case 92	6	144,800,952	145,267,460	1	0	1	0
Case 92	6	145,276,644	153,586,473	2	0	2	1
Case 92	6	153,587,328	153,830,536	1	0	1	0
Case 92	6	153,833,568	162,746,359	2	0	2	1
Case 92	6	162,748,555	163,569,272	1	0	1	0
Case 92	6	163,573,298	168,439,333	2	0	2	1
Case 92	6	168,439,373	168,464,378	1	0	1	0
Case 92	6	168,464,381	170,980,171	2	0	2	1
Case 92	7	44,935	3,140,464	3	1	4	0
Case 92	7	3,145,429	3,836,379	3	2	5	0
Case 92	7	3,839,029	6,639,612	2	2	4	0
Case 92	7	6,647,725	22,164,444	3	2	5	0
Case 92	7	22,165,180	30,796,530	6	1	7	0
Case 92	7	30,800,679	31,123,789	4	1	5	0
Case 92	7	31,124,376	31,124,376	2	1	3	0
Case 92	7	31,126,580	31,522,993	5	2	7	0
Case 92	7	31,526,529	33,042,945	4	2	6	0
Case 92	7	33,052,218	33,052,218	2	1	3	0
Case 92	7	33,053,281	33,767,012	5	2	7	0
Case 92	7	33,769,056	35,908,372	4	2	6	0
Case 92	7	35,920,755	39,894,883	4	1	5	0
Case 92	7	39,913,870	44,333,582	2	1	3	0
Case 92	7	44,339,406	45,724,696	3	1	4	0
Case 92	7	45,726,156	45,747,949	2	1	3	0
Case 92	7	45,748,520	47,840,381	5	2	7	0
Case 92	7	47,840,387	47,886,707	3	2	5	0
Case 92	7	47,892,736	48,789,559	6	1	7	0
Case 92	7	48,801,250	48,850,787	4	1	5	0
Case 92	7	48,850,987	48,850,987	2	1	3	0
Case 92	7	48,852,331	56,125,757	4	2	6	0
Case 92	7	56,125,762	56,394,784	4	1	5	0
Case 92	7	56,437,045	58,019,061	2	1	3	0
Case 92	7	61,056,053	65,466,565	2	1	3	0
Case 92	7	65,515,276	66,474,576	3	0	3	1
Case 92	7	66,479,228	67,249,701	2	1	3	0
Case 92	7	67,255,748	68,384,522	3	1	4	0
Case 92	7	68,385,861	70,040,558	2	1	3	0
Case 92	7	70,043,551	70,493,364	3	1	4	0
Case 92	7	70,500,643	73,097,720	2	1	3	0
Case 92	7	73,098,119	75,511,134	3	0	3	1
Case 92	7	75,511,203	77,012,042	2	1	3	0
Case 92	7	77,013,594	81,591,716	3	1	4	0
Case 92	7	81,593,384	82,342,937	2	1	3	0
Case 92	7	82,347,290	82,595,219	6	0	6	1
Case 92	7	82,595,242	82,595,435	3	0	3	1
Case 92	7	82,595,653	83,144,112	7	0	7	1
Case 92	7	83,147,251	85,194,414	2	1	3	0
Case 92	7	85,203,213	85,624,839	3	1	4	0
Case 92	7	85,631,245	87,005,269	2	1	3	0
Case 92	7	87,006,567	90,161,308	3	1	4	0
Case 92	7	90,163,753	92,763,913	2	1	3	0
Case 92	7	92,764,069	94,038,649	3	1	4	0
Case 92	7	94,038,721	95,142,280	2	1	3	0
Case 92	7	95,145,428	97,480,919	3	1	4	0
Case 92	7	97,482,484	99,429,843	3	0	3	1
Case 92	7	99,436,198	103,162,722	2	1	3	0
Case 92	7	103,162,847	104,460,747	3	1	4	0
Case 92	7	104,461,230	105,221,097	2	1	3	0
Case 92	7	105,226,180	106,642,123	3	1	4	0

Case 92	7	106,656,845	107,330,665	2	1	3	0
Case 92	7	107,334,026	108,108,759	3	1	4	0
Case 92	7	108,108,830	109,098,364	2	1	3	0
Case 92	7	109,101,870	111,967,040	3	1	4	0
Case 92	7	111,970,228	111,986,803	3	0	3	1
Case 92	7	111,999,497	112,295,954	7	0	7	1
Case 92	7	112,308,895	114,654,542	2	1	3	0
Case 92	7	114,655,780	115,897,406	3	1	4	0
Case 92	7	115,897,884	116,296,896	3	0	3	1
Case 92	7	116,312,100	117,917,719	7	0	7	1
Case 92	7	117,938,370	120,136,191	2	1	3	0
Case 92	7	120,143,507	121,601,907	3	1	4	0
Case 92	7	121,604,718	121,668,320	2	1	3	0
Case 92	7	121,671,536	140,690,296	1	1	2	0
Case 92	7	140,690,655	142,959,299	2	1	3	0
Case 92	7	142,960,626	149,511,985	1	1	2	0
Case 92	7	149,512,177	149,520,896	1	0	1	0
Case 92	7	149,521,199	155,973,733	1	1	2	0
Case 92	7	155,974,701	156,231,105	2	1	3	0
Case 92	7	156,236,883	156,743,045	1	1	2	0
Case 92	7	156,743,173	157,208,772	2	1	3	0
Case 92	7	157,208,773	157,435,421	1	1	2	0
Case 92	7	157,437,584	157,825,009	2	1	3	0
Case 92	7	157,827,547	158,109,576	2	0	2	1
Case 92	7	158,113,390	159,119,486	2	1	3	0
Case 92	8	164,984	642,586	1	0	1	0
Case 92	8	642,842	2,808,265	1	1	2	0
Case 92	8	2,808,520	5,491,128	1	0	1	0
Case 92	8	5,491,721	5,608,667	1	1	2	0
Case 92	8	5,608,718	5,973,842	1	0	1	0
Case 92	8	5,981,454	6,082,233	1	1	2	0
Case 92	8	6,084,048	6,232,009	2	0	2	1
Case 92	8	6,232,277	8,171,978	1	1	2	0
Case 92	8	8,173,997	8,241,316	1	0	1	0
Case 92	8	8,241,772	9,157,884	1	1	2	0
Case 92	8	9,158,475	9,293,694	2	0	2	1
Case 92	8	9,294,503	9,783,789	1	0	1	0
Case 92	8	9,785,503	10,295,378	1	1	2	0
Case 92	8	10,297,819	10,474,055	1	0	1	0
Case 92	8	10,480,101	11,105,761	1	1	2	0
Case 92	8	11,110,503	11,391,650	1	0	1	0
Case 92	8	11,394,233	11,616,836	1	1	2	0
Case 92	8	11,617,142	17,982,155	2	0	2	1
Case 92	8	17,983,723	18,717,366	1	0	1	0
Case 92	8	18,717,503	19,106,346	1	1	2	0
Case 92	8	19,107,092	20,110,915	1	0	1	0
Case 92	8	20,112,355	21,964,378	1	1	2	0
Case 92	8	21,964,561	22,546,561	1	0	1	0
Case 92	8	22,548,029	23,872,706	1	1	2	0
Case 92	8	23,872,847	24,571,548	1	0	1	0
Case 92	8	24,580,132	27,514,397	1	1	2	0
Case 92	8	27,516,046	27,711,673	1	0	1	0
Case 92	8	27,715,116	27,950,736	1	1	2	0
Case 92	8	27,951,556	33,246,504	1	0	1	0
Case 92	8	33,246,538	39,648,002	1	1	2	0
Case 92	8	39,660,582	43,046,738	2	1	3	0
Case 92	8	43,047,400	43,791,691	3	0	3	1
Case 92	8	46,886,735	91,132,141	3	0	3	1
Case 92	8	91,133,678	91,142,473	2	0	2	1
Case 92	8	91,151,614	91,214,786	0	0	0	0
Case 92	8	91,222,654	102,330,393	3	0	3	1

Case 92	8	102,335,433	102,358,215	2	1	3	0
Case 92	8	102,358,879	103,599,696	3	1	4	0
Case 92	8	103,600,030	119,247,995	3	0	3	1
Case 92	8	119,248,227	120,503,347	2	2	4	0
Case 92	8	120,506,546	126,464,388	2	1	3	0
Case 92	8	126,465,305	130,432,856	3	1	4	0
Case 92	8	130,450,346	146,293,414	3	0	3	1
Case 92	9	46,587	289,061	1	0	1	0
Case 92	9	289,555	517,563	2	0	2	1
Case 92	9	517,715	679,728	1	0	1	0
Case 92	9	679,901	4,943,454	2	0	2	1
Case 92	9	4,946,989	5,302,095	1	0	1	0
Case 92	9	5,306,824	9,186,346	2	0	2	1
Case 92	9	9,187,539	9,436,044	1	0	1	0
Case 92	9	9,436,595	9,800,624	2	0	2	1
Case 92	9	9,801,153	10,102,903	1	0	1	0
Case 92	9	10,107,399	10,284,628	2	0	2	1
Case 92	9	10,285,562	10,391,459	1	0	1	0
Case 92	9	10,391,604	11,070,804	2	0	2	1
Case 92	9	11,073,873	12,195,026	1	0	1	0
Case 92	9	12,197,936	17,243,746	2	0	2	1
Case 92	9	17,250,170	17,474,085	1	0	1	0
Case 92	9	17,480,669	18,955,861	2	0	2	1
Case 92	9	18,956,317	19,206,930	1	0	1	0
Case 92	9	19,211,852	21,371,264	2	0	2	1
Case 92	9	21,381,286	21,536,423	1	0	1	0
Case 92	9	21,543,444	22,228,756	2	0	2	1
Case 92	9	22,237,616	22,770,044	1	0	1	0
Case 92	9	22,774,651	23,081,882	2	0	2	1
Case 92	9	23,082,438	23,242,643	1	0	1	0
Case 92	9	23,245,863	23,513,235	1	1	2	0
Case 92	9	23,515,334	24,113,936	2	0	2	1
Case 92	9	24,121,196	24,635,445	1	0	1	0
Case 92	9	24,651,946	25,142,445	1	1	2	0
Case 92	9	25,143,480	25,325,829	2	1	3	0
Case 92	9	25,325,895	25,363,830	2	0	2	1
Case 92	9	25,368,388	25,691,032	1	0	1	0
Case 92	9	25,692,824	26,110,570	2	0	2	1
Case 92	9	26,110,869	28,164,645	1	1	2	0
Case 92	9	28,173,138	30,038,860	2	0	2	1
Case 92	9	30,039,545	30,982,620	1	0	1	0
Case 92	9	30,983,100	46,944,322	2	0	2	1
Case 92	9	65,629,772	69,108,060	2	0	2	1
Case 92	9	69,238,239	71,152,201	1	1	2	0
Case 92	9	71,152,302	71,867,731	2	1	3	0
Case 92	9	71,867,801	73,028,766	1	1	2	0
Case 92	9	73,029,831	73,378,890	2	1	3	0
Case 92	9	73,388,919	73,602,628	1	1	2	0
Case 92	9	73,610,288	82,780,965	2	0	2	1
Case 92	9	82,781,519	83,514,230	1	0	1	0
Case 92	9	83,524,227	127,572,229	2	0	2	1
Case 92	9	127,572,304	130,039,406	2	1	3	0
Case 92	9	130,044,420	131,083,883	2	0	2	1
Case 92	9	131,083,925	133,901,815	3	0	3	1
Case 92	9	133,901,819	133,948,176	2	0	2	1
Case 92	9	133,948,179	137,280,939	3	0	3	1
Case 92	9	137,284,923	137,384,140	2	0	2	1
Case 92	9	137,385,159	139,220,876	3	0	3	1
Case 92	9	139,225,139	139,295,091	2	0	2	1
Case 92	9	139,295,282	139,371,031	3	0	3	1
Case 92	9	139,371,049	140,509,302	2	0	2	1

Case 92	9	140,509,351	141,008,876	3	0	3	1
Case 92	9	141,009,015	141,066,491	2	0	2	1
Case 92	10	98,087	36,511,451	2	1	3	0
Case 92	10	36,514,772	39,097,912	2	0	2	1
Case 92	10	42,436,301	54,617,058	2	0	2	1
Case 92	10	54,629,374	62,176,933	2	1	3	0
Case 92	10	62,177,839	76,180,335	2	2	4	0
Case 92	10	76,186,852	102,824,349	2	0	2	1
Case 92	10	102,824,367	103,746,504	3	0	3	1
Case 92	10	103,747,138	104,597,057	2	0	2	1
Case 92	10	104,597,152	104,849,468	3	0	3	1
Case 92	10	104,849,496	105,362,790	2	0	2	1
Case 92	10	105,362,954	105,634,895	3	0	3	1
Case 92	10	105,636,989	106,253,793	2	0	2	1
Case 92	10	106,255,540	107,357,563	3	0	3	1
Case 92	10	107,366,881	108,202,638	2	0	2	1
Case 92	10	108,208,880	108,432,828	3	0	3	1
Case 92	10	108,439,103	111,428,184	2	0	2	1
Case 92	10	111,429,236	112,532,592	3	0	3	1
Case 92	10	112,532,796	135,477,883	2	2	4	0
Case 92	11	193,146	9,606,888	3	0	3	1
Case 92	11	9,607,032	16,189,326	3	1	4	0
Case 92	11	16,200,444	19,077,786	3	0	3	1
Case 92	11	19,077,823	20,070,441	3	1	4	0
Case 92	11	20,070,533	20,629,164	3	0	3	1
Case 92	11	20,629,169	20,648,020	2	1	3	0
Case 92	11	20,648,364	20,650,162	3	0	3	1
Case 92	11	20,652,620	21,358,546	3	1	4	0
Case 92	11	21,360,104	21,936,812	3	0	3	1
Case 92	11	21,945,004	21,952,288	2	1	3	0
Case 92	11	21,954,905	22,608,265	3	1	4	0
Case 92	11	22,613,389	25,077,951	3	0	3	1
Case 92	11	25,078,894	25,101,688	2	1	3	0
Case 92	11	25,102,331	28,058,043	3	1	4	0
Case 92	11	28,070,798	37,706,893	2	1	3	0
Case 92	11	37,746,335	40,029,625	1	1	2	0
Case 92	11	40,032,861	48,646,903	2	1	3	0
Case 92	11	48,647,107	49,964,146	2	0	2	1
Case 92	11	49,965,330	51,591,253	2	1	3	0
Case 92	11	54,794,237	55,819,721	2	1	3	0
Case 92	11	55,834,132	58,572,797	1	1	2	0
Case 92	11	58,575,572	60,617,715	2	1	3	0
Case 92	11	60,618,134	60,704,125	2	0	2	1
Case 92	11	60,704,154	63,974,966	2	1	3	0
Case 92	11	63,978,128	64,120,895	1	1	2	0
Case 92	11	64,120,958	64,434,956	2	1	3	0
Case 92	11	64,434,997	64,840,865	2	0	2	1
Case 92	11	64,842,015	65,320,709	2	1	3	0
Case 92	11	65,321,172	65,547,791	2	0	2	1
Case 92	11	65,549,906	67,075,354	2	1	3	0
Case 92	11	67,075,412	67,294,198	1	1	2	0
Case 92	11	67,294,983	67,472,145	2	1	3	0
Case 92	11	67,472,905	67,472,905	2	0	2	1
Case 92	11	67,501,626	67,731,956	0	0	0	0
Case 92	11	67,748,817	67,816,675	1	1	2	0
Case 92	11	67,816,757	80,201,279	2	1	3	0
Case 92	11	80,201,641	82,462,980	1	1	2	0
Case 92	11	82,463,056	83,104,179	2	1	3	0
Case 92	11	83,121,983	85,263,724	1	1	2	0
Case 92	11	85,266,321	86,522,992	2	1	3	0
Case 92	11	86,525,173	92,005,611	1	1	2	0



Case 92	11	92,016,605	92,623,349	2	1	3	0
Case 92	11	92,623,798	93,382,187	1	1	2	0
Case 92	11	93,390,929	94,539,347	2	1	3	0
Case 92	11	94,547,748	94,806,722	2	0	2	1
Case 92	11	94,807,261	94,890,994	5	0	5	1
Case 92	11	94,894,963	96,116,597	6	1	7	0
Case 92	11	96,117,149	96,119,605	7	0	7	1
Case 92	11	96,124,337	96,124,337	6	0	6	1
Case 92	11	96,125,155	109,682,445	7	0	7	1
Case 92	11	109,694,723	113,269,727	2	1	3	0
Case 92	11	113,269,742	113,607,367	1	1	2	0
Case 92	11	113,607,414	119,045,300	2	1	3	0
Case 92	11	119,045,372	122,848,366	2	0	2	1
Case 92	11	122,848,541	124,012,332	2	1	3	0
Case 92	11	124,012,404	124,602,247	3	1	4	0
Case 92	11	124,605,290	126,360,303	2	1	3	0
Case 92	11	126,360,403	127,532,335	3	1	4	0
Case 92	11	127,532,905	128,245,331	1	1	2	0
Case 92	11	128,248,555	130,861,244	2	1	3	0
Case 92	11	130,867,460	134,395,242	2	0	2	1
Case 92	11	134,399,760	134,934,063	1	0	1	0
Case 92	12	191,619	12,630,584	2	0	2	1
Case 92	12	12,630,641	12,944,138	1	0	1	0
Case 92	12	12,949,882	13,083,137	2	0	2	1
Case 92	12	13,087,061	33,517,984	1	0	1	0
Case 92	12	33,529,062	34,754,757	1	1	2	0
Case 92	12	34,756,688	34,853,011	2	0	2	1
Case 92	12	37,876,400	37,961,768	2	0	2	1
Case 92	12	38,072,773	38,514,872	0	0	0	0
Case 92	12	38,528,487	65,723,922	1	1	2	0
Case 92	12	65,724,724	75,082,897	2	1	3	0
Case 92	12	75,083,361	129,849,900	1	1	2	0
Case 92	12	129,850,054	130,720,806	2	1	3	0
Case 92	12	130,721,733	132,562,275	1	1	2	0
Case 92	12	132,562,291	133,810,935	3	0	3	1
Case 92	13	19,058,717	20,038,614	4	1	5	0
Case 92	13	20,039,679	25,656,521	2	1	3	0
Case 92	13	25,659,182	25,933,438	3	1	4	0
Case 92	13	25,946,418	32,226,399	2	2	4	0
Case 92	13	32,228,725	58,063,367	3	1	4	0
Case 92	13	58,070,399	67,838,330	4	0	4	1
Case 92	13	67,842,588	69,462,019	3	0	3	1
Case 92	13	69,470,652	70,735,399	4	0	4	1
Case 92	13	70,744,882	71,266,385	3	0	3	1
Case 92	13	71,266,458	73,269,449	4	0	4	1
Case 92	13	73,271,699	73,636,590	3	0	3	1
Case 92	13	73,636,621	74,181,440	4	0	4	1
Case 92	13	74,181,934	107,140,910	3	0	3	1
Case 92	13	107,144,320	107,892,697	4	0	4	1
Case 92	13	107,895,045	107,959,766	3	0	3	1
Case 92	13	107,961,995	109,492,501	4	0	4	1
Case 92	13	109,496,813	109,707,827	3	0	3	1
Case 92	13	109,708,218	112,875,786	4	0	4	1
Case 92	13	112,878,710	113,090,474	3	0	3	1
Case 92	13	113,091,550	113,306,882	4	0	4	1
Case 92	13	113,310,547	113,574,780	3	0	3	1
Case 92	13	113,581,825	113,707,658	4	0	4	1
Case 92	13	113,709,773	113,803,479	3	0	3	1
Case 92	13	113,810,186	114,256,280	4	0	4	1
Case 92	13	114,263,595	114,740,938	3	0	3	1
Case 92	13	114,746,660	114,901,188	4	0	4	1

Case 92	13	114,902,250	115,103,529	3	0	3	1
Case 92	14	19,280,733	21,348,256	1	1	2	0
Case 92	14	21,358,155	21,413,602	4	0	4	1
Case 92	14	21,421,088	22,590,996	1	1	2	0
Case 92	14	22,591,988	23,018,808	2	1	3	0
Case 92	14	23,019,164	68,717,529	1	1	2	0
Case 92	14	68,729,224	68,835,038	2	1	3	0
Case 92	14	68,835,575	107,287,663	1	1	2	0
Case 92	15	20,034,919	20,034,919	2	0	2	1
Case 92	15	20,071,673	22,299,434	0	0	0	0
Case 92	15	22,368,588	30,353,491	1	1	2	0
Case 92	15	30,354,303	30,919,043	2	0	2	1
Case 92	15	30,927,362	31,089,526	0	0	0	0
Case 92	15	31,094,479	32,391,391	1	1	2	0
Case 92	15	32,396,457	33,091,079	2	1	3	0
Case 92	15	33,091,084	77,090,826	1	1	2	0
Case 92	15	77,134,238	102,461,162	2	1	3	0
Case 92	16	88,165	5,606,416	1	1	2	0
Case 92	16	5,606,641	5,781,710	2	1	3	0
Case 92	16	5,783,316	8,138,689	1	1	2	0
Case 92	16	8,156,523	8,540,731	2	1	3	0
Case 92	16	8,541,061	9,584,489	1	1	2	0
Case 92	16	9,589,087	10,250,465	2	1	3	0
Case 92	16	10,252,565	17,095,087	1	1	2	0
Case 92	16	17,096,476	19,509,600	2	1	3	0
Case 92	16	19,512,266	20,759,934	1	1	2	0
Case 92	16	20,774,919	21,610,804	2	1	3	0
Case 92	16	21,612,562	22,941,167	1	1	2	0
Case 92	16	22,942,415	23,364,238	2	1	3	0
Case 92	16	23,364,276	25,139,276	2	0	2	1
Case 92	16	25,142,475	26,331,173	2	1	3	0
Case 92	16	26,335,800	26,746,283	1	1	2	0
Case 92	16	26,750,384	28,325,940	2	1	3	0
Case 92	16	28,327,463	29,675,846	1	1	2	0
Case 92	16	29,675,855	35,285,582	2	1	3	0
Case 92	16	46,450,037	78,077,430	2	1	3	0
Case 92	16	78,087,730	78,345,435	1	1	2	0
Case 92	16	78,346,675	78,500,300	1	0	1	0
Case 92	16	78,500,945	78,509,079	1	1	2	0
Case 92	16	78,514,488	78,688,144	2	1	3	0
Case 92	16	78,693,758	78,877,618	2	0	2	1
Case 92	16	78,883,118	78,953,857	1	0	1	0
Case 92	16	78,955,140	78,979,515	2	0	2	1
Case 92	16	78,979,747	79,044,649	1	0	1	0
Case 92	16	79,047,301	79,050,116	1	1	2	0
Case 92	16	79,051,997	84,202,574	2	1	3	0
Case 92	16	84,203,595	84,231,114	2	0	2	1
Case 92	16	84,231,433	88,203,298	2	1	3	0
Case 92	16	88,213,794	89,349,852	2	0	2	1
Case 92	16	89,349,905	89,692,298	2	1	3	0
Case 92	16	89,696,438	90,274,695	2	0	2	1
Case 92	17	11,885	103,469	2	0	2	1
Case 92	17	108,420	507,038	3	0	3	1
Case 92	17	511,156	706,009	2	0	2	1
Case 92	17	710,317	863,462	3	0	3	1
Case 92	17	865,499	1,538,083	2	0	2	1
Case 92	17	1,538,110	1,538,749	0	0	0	0
Case 92	17	1,538,851	2,605,027	2	0	2	1
Case 92	17	2,624,907	2,884,545	3	0	3	1
Case 92	17	2,885,090	5,758,520	2	0	2	1
Case 92	17	5,759,090	6,326,214	3	0	3	1

Case 92	17	6,327,389	15,039,528	2	0	2	1
Case 92	17	15,044,804	15,058,236	0	0	0	0
Case 92	17	15,058,991	17,326,605	2	0	2	1
Case 92	17	17,329,728	18,181,588	1	0	1	0
Case 92	17	18,181,592	19,670,262	2	0	2	1
Case 92	17	19,676,691	20,023,099	1	0	1	0
Case 92	17	20,026,548	22,242,355	2	0	2	1
Case 92	17	25,268,142	26,100,144	2	0	2	1
Case 92	17	26,100,206	27,031,419	3	0	3	1
Case 92	17	27,035,335	27,076,072	2	0	2	1
Case 92	17	27,076,453	33,489,889	3	0	3	1
Case 92	17	33,490,991	36,182,400	2	0	2	1
Case 92	17	36,185,038	41,132,622	3	0	3	1
Case 92	17	41,132,795	41,371,844	2	0	2	1
Case 92	17	41,375,555	41,868,311	3	0	3	1
Case 92	17	41,877,128	42,831,754	2	0	2	1
Case 92	17	42,835,129	45,633,376	3	0	3	1
Case 92	17	45,671,506	45,925,890	2	0	2	1
Case 92	17	45,933,165	51,167,870	3	0	3	1
Case 92	17	51,186,416	54,572,012	2	0	2	1
Case 92	17	54,572,895	54,794,707	2	1	3	0
Case 92	17	54,795,340	57,255,828	2	0	2	1
Case 92	17	57,258,670	57,599,128	2	1	3	0
Case 92	17	57,629,247	58,128,004	2	0	2	1
Case 92	17	58,134,504	58,529,401	2	1	3	0
Case 92	17	58,531,811	59,022,395	2	0	2	1
Case 92	17	59,034,422	59,282,508	2	1	3	0
Case 92	17	59,286,644	59,630,944	2	0	2	1
Case 92	17	59,632,873	60,405,483	3	0	3	1
Case 92	17	60,408,874	60,631,102	2	1	3	0
Case 92	17	60,651,381	63,162,476	2	0	2	1
Case 92	17	63,164,319	63,476,044	3	0	3	1
Case 92	17	63,495,631	63,856,717	2	0	2	1
Case 92	17	63,859,521	64,809,835	3	0	3	1
Case 92	17	64,812,198	66,284,635	2	0	2	1
Case 92	17	66,289,041	66,714,228	3	0	3	1
Case 92	17	66,714,282	68,207,627	2	0	2	1
Case 92	17	68,212,550	68,344,483	2	1	3	0
Case 92	17	68,358,343	69,181,096	2	0	2	1
Case 92	17	69,183,954	70,317,988	3	0	3	1
Case 92	17	70,319,162	70,517,559	2	0	2	1
Case 92	17	70,522,932	70,918,607	3	0	3	1
Case 92	17	70,919,212	71,113,564	2	1	3	0
Case 92	17	71,115,694	72,155,302	2	2	4	0
Case 92	17	72,161,815	72,470,671	2	0	2	1
Case 92	17	72,470,704	72,588,352	3	0	3	1
Case 92	17	72,588,388	73,144,665	2	1	3	0
Case 92	17	73,148,553	73,547,742	2	0	2	1
Case 92	17	73,548,863	73,569,309	1	0	1	0
Case 92	17	73,569,338	73,941,955	2	0	2	1
Case 92	17	73,942,150	74,158,801	2	1	3	0
Case 92	17	74,162,548	74,581,880	2	0	2	1
Case 92	17	74,593,903	74,696,760	3	0	3	1
Case 92	17	74,697,528	76,490,718	2	0	2	1
Case 92	17	76,491,052	76,578,308	3	0	3	1
Case 92	17	76,578,523	76,792,179	2	0	2	1
Case 92	17	76,792,833	76,885,117	2	1	3	0
Case 92	17	76,890,177	77,223,799	2	0	2	1
Case 92	17	77,226,086	77,447,393	3	0	3	1
Case 92	17	77,449,125	80,901,020	2	0	2	1
Case 92	17	80,902,411	81,060,040	3	0	3	1

Case 92	18	87,505	9,051,342	3	0	3	1
Case 92	18	9,053,241	9,951,304	4	0	4	1
Case 92	18	9,951,994	15,375,878	3	0	3	1
Case 92	18	18,520,354	18,520,354	3	0	3	1
Case 92	18	18,539,806	18,561,020	2	2	4	0
Case 92	18	18,564,483	20,082,830	3	2	5	0
Case 92	18	20,097,612	20,563,222	4	0	4	1
Case 92	18	20,564,275	20,573,295	3	0	3	1
Case 92	18	20,573,556	32,405,595	2	0	2	1
Case 92	18	32,407,987	46,623,873	1	0	1	0
Case 92	18	46,626,341	62,494,385	2	0	2	1
Case 92	18	62,497,622	63,946,605	1	0	1	0
Case 92	18	63,947,957	65,318,652	2	0	2	1
Case 92	18	65,318,794	65,766,146	1	0	1	0
Case 92	18	65,770,683	66,744,288	2	0	2	1
Case 92	18	66,744,308	66,758,232	0	0	0	0
Case 92	18	66,758,828	69,189,830	2	0	2	1
Case 92	18	69,192,020	69,392,860	1	0	1	0
Case 92	18	69,394,952	78,015,180	2	0	2	1
Case 92	19	260,912	1,047,336	1	1	2	0
Case 92	19	1,047,524	1,056,431	1	0	1	0
Case 92	19	1,056,563	11,870,583	1	1	2	0
Case 92	19	11,873,382	12,586,385	1	0	1	0
Case 92	19	12,589,174	20,170,214	1	1	2	0
Case 92	19	20,190,141	22,364,355	1	0	1	0
Case 92	19	22,364,389	23,279,003	1	1	2	0
Case 92	19	23,287,861	24,629,285	1	0	1	0
Case 92	19	27,732,159	28,319,922	1	0	1	0
Case 92	19	28,327,584	43,237,073	1	1	2	0
Case 92	19	43,237,080	43,406,595	4	0	4	1
Case 92	19	43,411,914	49,129,553	1	1	2	0
Case 92	19	49,129,618	49,183,284	2	0	2	1
Case 92	19	49,184,380	49,206,462	0	0	0	0
Case 92	19	49,206,631	59,097,160	1	1	2	0
Case 92	20	63,244	809,837	1	1	2	0
Case 92	20	810,707	999,784	4	0	4	1
Case 92	20	1,002,656	3,684,496	3	0	3	1
Case 92	20	3,684,517	5,685,929	1	1	2	0
Case 92	20	5,690,278	6,183,117	3	0	3	1
Case 92	20	6,186,488	7,819,768	4	0	4	1
Case 92	20	7,828,432	7,838,533	2	1	3	0
Case 92	20	7,847,156	7,990,898	3	1	4	0
Case 92	20	7,998,156	8,130,943	1	1	2	0
Case 92	20	8,135,557	8,247,326	3	0	3	1
Case 92	20	8,253,285	14,420,556	1	1	2	0
Case 92	20	14,425,337	15,110,701	3	0	3	1
Case 92	20	15,111,138	15,120,744	2	1	3	0
Case 92	20	15,122,254	16,263,388	3	1	4	0
Case 92	20	16,263,808	24,247,556	2	1	3	0
Case 92	20	24,248,344	25,412,135	2	2	4	0
Case 92	20	25,428,261	26,293,985	2	1	3	0
Case 92	20	29,425,357	32,238,893	2	1	3	0
Case 92	20	32,241,851	32,379,300	1	1	2	0
Case 92	20	32,379,318	60,890,155	2	1	3	0
Case 92	20	60,890,243	60,909,518	1	1	2	0
Case 92	20	60,910,124	62,187,126	2	1	3	0
Case 92	20	62,187,204	62,203,708	1	1	2	0
Case 92	20	62,207,862	62,948,788	2	1	3	0
Case 92	21	10,827,533	10,971,337	2	0	2	1
Case 92	21	14,368,320	15,647,431	2	0	2	1
Case 92	21	15,648,154	15,735,675	3	0	3	1

Case 92	21	15,737,925	17,654,621	2	0	2	1
Case 92	21	17,657,785	17,701,594	3	0	3	1
Case 92	21	17,702,346	18,791,719	2	0	2	1
Case 92	21	18,791,934	18,885,898	3	0	3	1
Case 92	21	18,890,217	21,512,641	2	0	2	1
Case 92	21	21,514,753	22,881,335	3	0	3	1
Case 92	21	22,881,350	23,037,355	2	0	2	1
Case 92	21	23,042,642	23,359,814	3	0	3	1
Case 92	21	23,366,550	23,827,224	2	0	2	1
Case 92	21	23,827,411	25,491,856	3	0	3	1
Case 92	21	25,495,914	25,779,132	2	0	2	1
Case 92	21	25,780,751	29,120,337	3	0	3	1
Case 92	21	29,122,939	29,853,103	2	0	2	1
Case 92	21	29,853,569	32,759,208	3	0	3	1
Case 92	21	32,760,247	33,088,241	2	0	2	1
Case 92	21	33,096,867	33,565,065	3	0	3	1
Case 92	21	33,572,259	34,308,197	2	0	2	1
Case 92	21	34,309,113	34,882,188	3	0	3	1
Case 92	21	34,882,197	35,210,184	2	0	2	1
Case 92	21	35,210,252	37,653,782	3	0	3	1
Case 92	21	37,660,314	37,837,930	2	0	2	1
Case 92	21	37,839,410	38,350,382	3	0	3	1
Case 92	21	38,351,913	38,444,881	2	0	2	1
Case 92	21	38,455,324	38,998,126	1	0	1	0
Case 92	21	38,999,590	44,253,679	2	0	2	1
Case 92	21	44,256,314	44,496,941	1	0	1	0
Case 92	21	44,503,243	44,833,854	2	0	2	1
Case 92	21	44,835,301	44,840,296	0	0	0	0
Case 92	21	44,845,968	45,704,644	2	0	2	1
Case 92	21	45,706,476	45,859,013	1	0	1	0
Case 92	21	45,859,014	46,926,054	2	0	2	1
Case 92	21	46,926,551	47,427,839	1	0	1	0
Case 92	21	47,431,031	47,491,975	2	0	2	1
Case 92	21	47,494,789	47,768,933	1	0	1	0
Case 92	21	47,769,074	47,809,254	2	0	2	1
Case 92	21	47,810,597	47,864,633	1	0	1	0
Case 92	21	47,867,318	48,100,155	2	0	2	1
Case 92	22	16,114,244	25,650,406	1	1	2	0
Case 92	22	25,650,460	25,914,593	4	0	4	1
Case 92	22	25,924,444	32,554,860	1	1	2	0
Case 92	22	32,554,985	37,263,846	4	0	4	1
Case 92	22	37,266,572	37,782,938	3	0	3	1
Case 92	22	37,783,351	38,119,378	4	0	4	1
Case 92	22	38,119,380	38,398,267	3	0	3	1
Case 92	22	38,415,721	40,452,119	7	0	7	1
Case 92	22	40,454,069	47,309,351	1	1	2	0
Case 92	22	47,310,557	47,310,557	2	0	2	1
Case 92	22	47,313,082	47,313,082	1	1	2	0
Case 92	22	47,319,208	47,355,583	0	0	0	0
Case 92	22	47,358,367	51,195,728	1	1	2	0
Case 93	1	82,154	909,276	4	0	4	1
Case 93	1	909,309	1,334,519	3	1	4	0
Case 93	1	1,335,218	1,664,124	3	0	3	1
Case 93	1	1,680,219	2,222,583	4	0	4	1
Case 93	1	2,223,866	2,523,053	3	0	3	1
Case 93	1	2,523,412	3,425,797	3	1	4	0
Case 93	1	3,426,533	3,548,122	3	0	3	1
Case 93	1	3,548,198	6,418,218	4	0	4	1
Case 93	1	6,420,661	6,657,240	3	0	3	1
Case 93	1	6,659,186	10,638,604	4	0	4	1
Case 93	1	10,642,506	10,790,797	3	0	3	1

Case 93	1	10,796,866	15,808,872	4	0	4	1
Case 93	1	15,810,624	16,124,438	3	0	3	1
Case 93	1	16,126,207	16,461,546	4	0	4	1
Case 93	1	16,461,581	17,004,850	3	0	3	1
Case 93	1	17,228,131	17,885,856	4	0	4	1
Case 93	1	17,887,963	17,939,626	3	1	4	0
Case 93	1	17,942,591	18,633,683	3	2	5	0
Case 93	1	18,643,247	18,643,577	4	1	5	0
Case 93	1	18,643,632	19,243,446	4	0	4	1
Case 93	1	19,243,589	20,304,785	3	1	4	0
Case 93	1	20,304,857	20,427,541	3	0	3	1
Case 93	1	20,429,861	20,957,431	4	0	4	1
Case 93	1	20,959,421	21,036,291	3	0	3	1
Case 93	1	21,040,151	21,629,447	4	0	4	1
Case 93	1	21,631,472	26,373,274	3	0	3	1
Case 93	1	26,376,607	26,584,731	2	2	4	0
Case 93	1	26,586,135	27,374,218	3	0	3	1
Case 93	1	27,375,717	28,661,302	2	2	4	0
Case 93	1	28,661,383	31,961,711	3	0	3	1
Case 93	1	31,972,756	32,745,458	2	2	4	0
Case 93	1	32,752,074	35,384,605	3	0	3	1
Case 93	1	35,403,677	36,550,658	2	0	2	1
Case 93	1	36,550,788	39,856,056	3	0	3	1
Case 93	1	39,867,508	40,051,616	2	0	2	1
Case 93	1	40,073,479	45,610,193	3	0	3	1
Case 93	1	45,612,038	45,806,750	2	0	2	1
Case 93	1	45,806,765	55,243,590	3	0	3	1
Case 93	1	55,248,059	55,248,120	0	0	0	0
Case 93	1	55,249,154	55,521,713	3	0	3	1
Case 93	1	55,523,076	55,525,315	1	0	1	0
Case 93	1	55,526,428	62,898,142	3	0	3	1
Case 93	1	62,905,542	63,307,174	2	0	2	1
Case 93	1	63,311,836	67,236,097	3	0	3	1
Case 93	1	67,236,126	67,486,131	2	0	2	1
Case 93	1	67,494,591	68,933,774	3	0	3	1
Case 93	1	68,936,124	70,816,563	2	0	2	1
Case 93	1	70,818,576	74,298,254	3	0	3	1
Case 93	1	74,299,658	74,674,290	2	0	2	1
Case 93	1	74,675,208	76,199,277	3	0	3	1
Case 93	1	76,205,722	76,411,549	2	0	2	1
Case 93	1	76,420,745	84,165,934	3	0	3	1
Case 93	1	84,168,682	87,584,639	2	2	4	0
Case 93	1	87,587,849	90,248,302	3	0	3	1
Case 93	1	90,249,829	91,339,437	2	2	4	0
Case 93	1	91,352,818	92,297,887	3	0	3	1
Case 93	1	92,302,369	94,088,650	2	2	4	0
Case 93	1	94,097,441	98,079,228	3	0	3	1
Case 93	1	98,079,674	98,265,667	2	0	2	1
Case 93	1	98,265,843	102,647,938	3	0	3	1
Case 93	1	102,649,588	104,716,956	2	0	2	1
Case 93	1	104,725,387	106,849,846	2	2	4	0
Case 93	1	106,860,057	107,923,094	2	0	2	1
Case 93	1	107,925,625	109,366,554	3	0	3	1
Case 93	1	109,367,944	109,371,874	0	0	0	0
Case 93	1	109,373,214	111,187,885	3	0	3	1
Case 93	1	111,189,722	111,671,707	2	0	2	1
Case 93	1	111,682,118	114,367,763	3	0	3	1
Case 93	1	114,367,793	117,049,676	2	2	4	0
Case 93	1	117,053,745	118,199,767	3	0	3	1
Case 93	1	118,208,245	121,346,616	2	2	4	0
Case 93	1	142,649,718	154,934,963	2	2	4	0

Case 93	1	154,936,312	155,226,107	3	0	3	1
Case 93	1	155,226,571	155,932,841	2	2	4	0
Case 93	1	155,932,914	156,641,908	3	2	5	0
Case 93	1	156,642,155	156,689,481	4	1	5	0
Case 93	1	156,690,967	156,690,967	3	0	3	1
Case 93	1	156,693,135	174,113,342	2	2	4	0
Case 93	1	174,126,742	174,265,291	3	0	3	1
Case 93	1	174,266,642	174,469,905	2	2	4	0
Case 93	1	174,479,498	174,497,642	2	0	2	1
Case 93	1	174,499,977	237,859,614	2	2	4	0
Case 93	1	237,862,587	245,766,015	2	1	3	0
Case 93	1	245,766,651	245,953,416	3	0	3	1
Case 93	1	245,957,828	249,218,992	2	1	3	0
Case 93	2	18,674	25,663,991	2	1	3	0
Case 93	2	25,668,692	26,113,120	2	0	2	1
Case 93	2	26,117,455	57,884,675	2	1	3	0
Case 93	2	57,884,793	60,698,397	2	2	4	0
Case 93	2	60,702,766	83,273,436	2	1	3	0
Case 93	2	83,276,705	92,081,640	2	2	4	0
Case 93	2	95,429,424	133,906,887	2	2	4	0
Case 93	2	133,919,427	135,218,605	2	0	2	1
Case 93	2	135,219,050	135,677,035	3	0	3	1
Case 93	2	135,677,161	149,916,356	2	0	2	1
Case 93	2	149,919,348	154,690,220	2	2	4	0
Case 93	2	154,691,177	154,900,325	2	1	3	0
Case 93	2	154,901,891	243,048,760	2	2	4	0
Case 93	3	61,495	2,832,318	1	1	2	0
Case 93	3	2,835,642	3,558,481	2	1	3	0
Case 93	3	3,558,555	4,313,485	1	1	2	0
Case 93	3	4,317,445	4,430,848	1	0	1	0
Case 93	3	4,431,225	4,804,081	1	1	2	0
Case 93	3	4,805,489	5,147,044	2	1	3	0
Case 93	3	5,163,840	8,563,144	1	1	2	0
Case 93	3	8,568,468	8,631,614	2	1	3	0
Case 93	3	8,632,542	8,944,099	1	1	2	0
Case 93	3	8,944,139	9,969,994	2	1	3	0
Case 93	3	9,970,030	10,084,831	1	1	2	0
Case 93	3	10,085,035	10,268,064	2	1	3	0
Case 93	3	10,272,775	10,416,225	1	1	2	0
Case 93	3	10,416,287	13,368,741	2	1	3	0
Case 93	3	13,368,824	13,642,946	1	1	2	0
Case 93	3	13,644,176	14,614,380	2	1	3	0
Case 93	3	14,621,295	14,860,955	1	1	2	0
Case 93	3	14,861,289	15,100,801	2	1	3	0
Case 93	3	15,102,111	15,478,028	1	1	2	0
Case 93	3	15,478,047	16,019,023	2	1	3	0
Case 93	3	16,036,830	30,893,309	1	1	2	0
Case 93	3	30,894,470	31,445,580	2	1	3	0
Case 93	3	31,445,799	31,656,614	1	1	2	0
Case 93	3	31,659,458	31,950,590	2	1	3	0
Case 93	3	31,951,420	33,057,497	1	1	2	0
Case 93	3	33,059,977	33,257,434	2	1	3	0
Case 93	3	33,258,380	33,983,197	1	1	2	0
Case 93	3	33,985,368	34,222,230	2	1	3	0
Case 93	3	34,241,686	34,451,940	1	1	2	0
Case 93	3	34,465,049	34,569,954	5	1	6	0
Case 93	3	34,580,559	34,592,382	2	1	3	0
Case 93	3	34,593,180	35,987,406	1	1	2	0
Case 93	3	35,987,444	36,143,350	1	0	1	0
Case 93	3	36,148,330	36,148,330	3	0	3	1
Case 93	3	36,148,866	39,230,912	2	0	2	1

Case 93	3	39,230,997	39,791,421	2	1	3	0
Case 93	3	39,794,278	40,105,341	1	1	2	0
Case 93	3	40,107,494	40,459,532	2	1	3	0
Case 93	3	40,459,724	41,973,462	1	1	2	0
Case 93	3	41,985,152	42,471,406	2	1	3	0
Case 93	3	42,484,782	42,701,278	1	1	2	0
Case 93	3	42,703,029	43,262,649	2	1	3	0
Case 93	3	43,266,311	44,461,080	1	1	2	0
Case 93	3	44,461,904	44,761,729	2	1	3	0
Case 93	3	44,762,392	44,810,107	1	1	2	0
Case 93	3	44,814,073	45,999,920	2	1	3	0
Case 93	3	46,000,931	46,014,667	1	1	2	0
Case 93	3	46,016,944	46,952,777	2	1	3	0
Case 93	3	46,961,910	47,455,086	1	1	2	0
Case 93	3	47,455,730	53,899,199	2	1	3	0
Case 93	3	53,899,276	56,104,964	1	1	2	0
Case 93	3	56,105,349	57,011,234	2	1	3	0
Case 93	3	57,014,104	58,470,351	2	0	2	1
Case 93	3	58,474,014	59,470,670	2	1	3	0
Case 93	3	59,472,956	60,237,710	1	1	2	0
Case 93	3	60,238,326	60,853,686	1	0	1	0
Case 93	3	60,857,053	61,942,816	1	1	2	0
Case 93	3	61,950,168	62,728,523	2	1	3	0
Case 93	3	62,729,720	63,628,019	1	1	2	0
Case 93	3	63,637,090	65,077,476	2	1	3	0
Case 93	3	65,077,900	65,780,869	1	1	2	0
Case 93	3	65,787,275	66,692,943	2	1	3	0
Case 93	3	66,697,961	68,764,017	1	1	2	0
Case 93	3	68,766,552	69,151,024	1	0	1	0
Case 93	3	69,151,049	69,153,481	3	0	3	1
Case 93	3	69,153,645	70,905,581	2	0	2	1
Case 93	3	70,907,252	73,844,739	2	1	3	0
Case 93	3	73,845,507	80,665,977	1	1	2	0
Case 93	3	80,669,984	90,442,925	2	1	3	0
Case 93	3	93,537,290	118,253,469	2	1	3	0
Case 93	3	118,257,029	118,891,246	4	1	5	0
Case 93	3	118,901,013	126,137,547	2	1	3	0
Case 93	3	126,137,556	126,272,160	4	1	5	0
Case 93	3	126,272,252	127,323,612	5	1	6	0
Case 93	3	127,323,617	134,571,470	4	1	5	0
Case 93	3	134,571,577	142,796,422	7	0	7	1
Case 93	3	142,800,051	142,829,423	2	1	3	0
Case 93	3	142,834,022	146,634,035	4	1	5	0
Case 93	3	146,637,290	152,679,420	7	0	7	1
Case 93	3	152,687,097	155,811,323	1	1	2	0
Case 93	3	155,822,097	156,185,892	2	1	3	0
Case 93	3	156,204,177	168,621,773	1	1	2	0
Case 93	3	168,626,039	168,802,737	2	1	3	0
Case 93	3	168,806,925	168,811,043	1	1	2	0
Case 93	3	168,812,865	168,962,600	5	2	7	0
Case 93	3	168,963,285	169,727,061	2	1	3	0
Case 93	3	169,731,027	169,947,906	1	1	2	0
Case 93	3	169,958,552	170,079,132	7	0	7	1
Case 93	3	170,091,902	182,755,101	2	1	3	0
Case 93	3	182,755,108	182,755,209	3	0	3	1
Case 93	3	182,756,854	184,062,546	3	1	4	0
Case 93	3	184,062,580	184,071,977	3	0	3	1
Case 93	3	184,073,170	184,714,255	2	1	3	0
Case 93	3	184,717,530	185,191,371	2	2	4	0
Case 93	3	185,198,112	187,624,906	2	1	3	0
Case 93	3	187,629,503	188,155,409	2	0	2	1



Case 93	3	188,158,045	196,088,464	2	1	3	0
Case 93	3	196,096,451	196,278,366	4	0	4	1
Case 93	3	196,280,669	197,838,262	3	1	4	0
Case 93	4	71,566	493,148	1	0	1	0
Case 93	4	493,156	517,461	3	0	3	1
Case 93	4	517,495	6,018,891	2	0	2	1
Case 93	4	6,020,190	6,303,197	3	0	3	1
Case 93	4	6,303,247	7,437,059	2	0	2	1
Case 93	4	7,437,364	7,840,696	3	0	3	1
Case 93	4	7,841,487	15,713,513	2	0	2	1
Case 93	4	15,716,923	41,664,970	2	2	4	0
Case 93	4	41,666,173	49,620,898	2	1	3	0
Case 93	4	52,697,856	89,756,076	2	1	3	0
Case 93	4	89,761,563	89,940,992	4	0	4	1
Case 93	4	89,941,734	91,711,665	3	1	4	0
Case 93	4	91,715,008	92,452,205	3	0	3	1
Case 93	4	92,454,931	136,131,907	3	1	4	0
Case 93	4	136,147,584	137,178,274	5	0	5	1
Case 93	4	137,181,847	137,181,847	5	1	6	0
Case 93	4	137,196,244	137,196,244	7	0	7	1
Case 93	4	137,206,602	137,259,828	1	1	2	0
Case 93	4	137,299,152	148,944,435	5	1	6	0
Case 93	4	148,944,438	148,944,438	2	1	3	0
Case 93	4	148,944,496	159,185,770	4	1	5	0
Case 93	4	159,190,290	162,612,565	3	1	4	0
Case 93	4	162,633,257	164,777,197	3	0	3	1
Case 93	4	164,779,320	165,700,679	4	0	4	1
Case 93	4	165,707,728	167,232,997	3	0	3	1
Case 93	4	167,237,947	169,407,947	2	0	2	1
Case 93	4	169,408,390	169,788,148	3	0	3	1
Case 93	4	169,801,952	170,801,990	2	0	2	1
Case 93	4	170,807,597	171,481,511	3	0	3	1
Case 93	4	171,484,438	180,246,936	2	0	2	1
Case 93	4	180,248,838	185,801,346	2	1	3	0
Case 93	4	185,801,567	186,180,187	3	1	4	0
Case 93	4	186,185,293	186,379,899	3	0	3	1
Case 93	4	186,379,955	190,963,766	2	1	3	0
Case 93	5	38,139	45,841,630	2	2	4	0
Case 93	5	45,874,923	46,399,093	2	1	3	0
Case 93	5	49,457,282	49,492,838	2	1	3	0
Case 93	5	49,522,346	67,954,756	2	2	4	0
Case 93	5	67,959,925	68,662,136	2	0	2	1
Case 93	5	68,662,380	68,786,780	2	2	4	0
Case 93	5	68,788,261	70,873,013	2	0	2	1
Case 93	5	70,885,973	71,290,379	3	0	3	1
Case 93	5	71,295,157	89,769,728	2	2	4	0
Case 93	5	89,769,974	90,229,426	2	1	3	0
Case 93	5	90,229,807	98,779,530	2	2	4	0
Case 93	5	98,781,103	100,693,051	2	0	2	1
Case 93	5	100,695,179	100,914,502	3	0	3	1
Case 93	5	100,918,526	101,584,499	0	0	0	0
Case 93	5	101,585,209	102,345,565	2	0	2	1
Case 93	5	102,352,034	102,781,533	2	1	3	0
Case 93	5	102,793,568	103,119,367	2	2	4	0
Case 93	5	103,122,923	105,846,299	2	1	3	0
Case 93	5	105,849,895	121,740,909	2	2	4	0
Case 93	5	121,750,329	125,382,324	2	0	2	1
Case 93	5	125,382,449	127,298,499	3	0	3	1
Case 93	5	127,304,700	127,728,858	2	0	2	1
Case 93	5	127,729,008	128,302,155	3	0	3	1
Case 93	5	128,302,174	128,596,232	2	0	2	1

Case 93	5	128,607,170	139,745,800	2	2	4	0
Case 93	5	139,747,064	139,931,384	3	0	3	1
Case 93	5	139,931,607	139,936,823	0	0	0	0
Case 93	5	139,936,825	140,044,576	3	0	3	1
Case 93	5	140,044,604	161,680,565	2	2	4	0
Case 93	5	161,681,172	162,372,793	2	1	3	0
Case 93	5	162,373,515	162,886,563	2	2	4	0
Case 93	5	162,887,650	162,990,669	2	1	3	0
Case 93	5	162,991,763	168,847,968	2	2	4	0
Case 93	5	168,851,248	169,238,342	2	1	3	0
Case 93	5	169,238,673	176,731,452	2	2	4	0
Case 93	5	176,731,648	177,661,902	2	1	3	0
Case 93	5	177,664,297	180,693,127	2	2	4	0
Case 93	6	108,666	49,173,407	2	1	3	0
Case 93	6	49,175,210	49,701,439	1	1	2	0
Case 93	6	49,701,456	50,159,882	2	1	3	0
Case 93	6	50,163,367	50,596,453	1	1	2	0
Case 93	6	50,597,061	53,293,410	2	1	3	0
Case 93	6	53,295,203	53,464,357	1	1	2	0
Case 93	6	53,465,000	54,003,184	2	1	3	0
Case 93	6	54,013,873	55,214,895	1	1	2	0
Case 93	6	55,214,932	55,687,414	2	1	3	0
Case 93	6	55,688,361	56,102,709	1	1	2	0
Case 93	6	56,102,780	57,984,494	2	1	3	0
Case 93	6	57,987,300	58,752,089	1	1	2	0
Case 93	6	61,891,118	62,775,947	1	1	2	0
Case 93	6	62,786,386	67,893,198	2	1	3	0
Case 93	6	67,895,080	78,965,525	2	2	4	0
Case 93	6	78,972,930	79,029,367	2	0	2	1
Case 93	6	79,039,234	97,498,501	2	2	4	0
Case 93	6	97,501,179	98,919,264	2	1	3	0
Case 93	6	98,927,363	148,044,515	2	2	4	0
Case 93	6	148,045,181	148,195,569	2	1	3	0
Case 93	6	148,202,273	153,454,558	2	2	4	0
Case 93	6	153,457,680	153,822,736	2	1	3	0
Case 93	6	153,827,582	170,980,171	2	2	4	0
Case 93	7	44,935	65,765	4	0	4	1
Case 93	7	67,365	1,945,288	3	1	4	0
Case 93	7	1,947,895	2,004,421	3	0	3	1
Case 93	7	2,012,457	3,113,034	2	1	3	0
Case 93	7	3,117,874	5,103,404	3	1	4	0
Case 93	7	5,103,447	5,146,319	3	0	3	1
Case 93	7	5,150,581	6,035,211	3	1	4	0
Case 93	7	6,035,238	6,078,221	3	0	3	1
Case 93	7	6,078,248	7,315,815	4	0	4	1
Case 93	7	7,316,391	9,224,481	3	1	4	0
Case 93	7	9,229,882	9,542,315	3	0	3	1
Case 93	7	9,550,478	9,965,912	3	1	4	0
Case 93	7	9,968,807	10,428,228	3	0	3	1
Case 93	7	10,431,446	11,509,538	3	1	4	0
Case 93	7	11,509,561	11,512,299	3	0	3	1
Case 93	7	11,512,425	11,614,579	4	0	4	1
Case 93	7	11,615,654	12,254,552	3	0	3	1
Case 93	7	12,257,728	12,618,764	4	0	4	1
Case 93	7	12,620,766	13,021,705	3	0	3	1
Case 93	7	13,024,467	13,734,285	3	1	4	0
Case 93	7	13,741,691	16,059,564	3	0	3	1
Case 93	7	16,060,201	16,388,624	4	0	4	1
Case 93	7	16,388,904	16,389,412	3	1	4	0
Case 93	7	16,399,003	16,570,929	3	0	3	1
Case 93	7	16,572,051	16,977,505	4	0	4	1

Case 93	7	16,979,542	17,528,021	3	1	4	0
Case 93	7	17,528,130	18,128,248	4	1	5	0
Case 93	7	18,150,005	18,200,205	3	0	3	1
Case 93	7	18,215,216	18,301,455	1	0	1	0
Case 93	7	18,310,791	18,370,302	3	0	3	1
Case 93	7	18,382,590	18,991,904	3	1	4	0
Case 93	7	18,993,249	20,147,715	3	0	3	1
Case 93	7	20,149,537	21,021,498	2	1	3	0
Case 93	7	21,023,562	21,086,373	4	0	4	1
Case 93	7	21,087,077	21,350,308	3	1	4	0
Case 93	7	21,351,951	21,584,742	3	0	3	1
Case 93	7	21,586,595	38,277,792	3	1	4	0
Case 93	7	38,288,270	38,364,289	4	1	5	0
Case 93	7	38,367,259	41,988,488	3	1	4	0
Case 93	7	41,989,362	42,318,852	3	0	3	1
Case 93	7	42,319,056	46,331,207	3	1	4	0
Case 93	7	46,331,712	46,611,204	3	0	3	1
Case 93	7	46,611,854	47,064,694	4	0	4	1
Case 93	7	47,070,010	48,319,307	3	1	4	0
Case 93	7	48,319,403	48,467,355	3	0	3	1
Case 93	7	48,479,620	53,025,804	3	1	4	0
Case 93	7	53,031,792	54,430,725	3	0	3	1
Case 93	7	54,430,805	54,444,505	2	1	3	0
Case 93	7	54,467,507	54,467,507	1	1	2	0
Case 93	7	54,491,582	55,442,803	5	2	7	0
Case 93	7	55,456,524	55,459,501	2	1	3	0
Case 93	7	55,459,563	55,882,199	3	0	3	1
Case 93	7	55,885,674	56,357,799	3	1	4	0
Case 93	7	56,394,784	58,019,061	3	0	3	1
Case 93	7	61,056,053	66,805,000	3	0	3	1
Case 93	7	66,814,900	80,654,259	3	1	4	0
Case 93	7	80,660,357	86,554,948	5	1	6	0
Case 93	7	86,554,972	88,933,320	4	3	7	0
Case 93	7	88,934,119	88,965,609	5	0	5	1
Case 93	7	88,965,614	88,969,883	4	1	5	0
Case 93	7	88,974,907	88,974,907	5	0	5	1
Case 93	7	88,981,054	94,281,335	5	1	6	0
Case 93	7	94,285,567	94,294,682	2	1	3	0
Case 93	7	94,294,798	95,624,677	6	1	7	0
Case 93	7	95,625,371	95,625,371	1	1	2	0
Case 93	7	95,626,133	100,628,107	7	0	7	1
Case 93	7	100,633,938	100,695,140	5	0	5	1
Case 93	7	100,696,271	104,362,704	7	0	7	1
Case 93	7	104,368,522	109,166,664	2	1	3	0
Case 93	7	109,168,430	149,486,246	2	2	4	0
Case 93	7	149,486,256	149,522,162	2	1	3	0
Case 93	7	149,522,165	159,119,486	2	2	4	0
Case 93	8	164,984	231,272	2	1	3	0
Case 93	8	231,287	43,053,062	2	2	4	0
Case 93	8	43,054,553	43,791,691	2	1	3	0
Case 93	8	46,886,735	48,038,831	2	1	3	0
Case 93	8	48,089,751	82,607,130	2	2	4	0
Case 93	8	82,614,003	83,237,630	2	1	3	0
Case 93	8	83,244,535	89,272,062	2	2	4	0
Case 93	8	89,273,678	90,220,200	2	0	2	1
Case 93	8	90,228,651	90,283,685	3	0	3	1
Case 93	8	90,289,326	90,490,180	1	0	1	0
Case 93	8	90,520,649	90,795,302	3	0	3	1
Case 93	8	90,795,768	100,108,613	2	2	4	0
Case 93	8	100,115,328	100,136,131	2	0	2	1
Case 93	8	100,141,089	146,293,414	2	2	4	0

Case 93	9	46,587	2,271,526	2	0	2	1
Case 93	9	2,272,512	2,282,951	3	0	3	1
Case 93	9	2,285,443	2,593,528	1	0	1	0
Case 93	9	2,596,569	2,597,250	3	0	3	1
Case 93	9	2,598,844	4,959,331	2	0	2	1
Case 93	9	4,964,774	4,970,909	3	0	3	1
Case 93	9	4,972,398	5,792,106	1	0	1	0
Case 93	9	5,792,156	8,141,003	2	0	2	1
Case 93	9	8,142,392	8,143,737	3	0	3	1
Case 93	9	8,144,973	8,436,680	1	0	1	0
Case 93	9	8,436,963	8,715,082	2	0	2	1
Case 93	9	8,718,703	8,718,703	3	0	3	1
Case 93	9	8,719,261	8,854,069	1	0	1	0
Case 93	9	8,855,603	8,873,449	3	0	3	1
Case 93	9	8,875,659	14,365,307	1	0	1	0
Case 93	9	14,367,505	14,376,009	3	0	3	1
Case 93	9	14,376,038	15,289,941	2	0	2	1
Case 93	9	15,289,986	15,289,986	3	0	3	1
Case 93	9	15,290,012	16,012,046	1	0	1	0
Case 93	9	16,012,225	16,016,603	3	0	3	1
Case 93	9	16,020,997	17,120,621	2	0	2	1
Case 93	9	17,130,360	17,509,083	1	0	1	0
Case 93	9	17,511,064	17,736,342	4	0	4	1
Case 93	9	17,738,857	17,990,785	3	0	3	1
Case 93	9	17,993,589	18,212,306	4	0	4	1
Case 93	9	18,214,878	18,580,905	3	0	3	1
Case 93	9	18,582,065	18,916,311	4	0	4	1
Case 93	9	18,917,251	19,419,528	3	0	3	1
Case 93	9	19,420,040	21,304,245	4	0	4	1
Case 93	9	21,304,720	21,405,363	3	0	3	1
Case 93	9	21,409,506	22,711,948	0	0	0	0
Case 93	9	22,724,188	22,731,935	3	0	3	1
Case 93	9	22,739,631	23,059,458	4	0	4	1
Case 93	9	23,059,968	24,754,015	3	0	3	1
Case 93	9	24,756,027	27,182,802	1	0	1	0
Case 93	9	27,182,825	27,228,754	1	1	2	0
Case 93	9	27,229,141	27,924,051	1	0	1	0
Case 93	9	27,924,555	27,974,507	1	1	2	0
Case 93	9	27,974,577	31,938,495	1	0	1	0
Case 93	9	31,951,536	46,944,322	3	0	3	1
Case 93	9	65,629,772	73,598,428	3	0	3	1
Case 93	9	73,598,465	74,067,610	2	0	2	1
Case 93	9	74,070,471	77,332,549	3	0	3	1
Case 93	9	77,332,745	77,846,356	2	0	2	1
Case 93	9	77,848,630	78,643,712	3	0	3	1
Case 93	9	78,647,201	78,651,988	0	0	0	0
Case 93	9	78,653,823	79,636,426	3	0	3	1
Case 93	9	79,637,519	80,032,108	2	0	2	1
Case 93	9	80,039,006	82,443,844	3	0	3	1
Case 93	9	82,449,195	84,073,624	2	0	2	1
Case 93	9	84,074,754	84,148,456	3	0	3	1
Case 93	9	84,152,604	84,521,381	1	0	1	0
Case 93	9	84,528,161	88,069,314	3	0	3	1
Case 93	9	88,070,889	88,648,217	2	0	2	1
Case 93	9	88,648,274	93,090,915	3	0	3	1
Case 93	9	93,093,378	93,570,505	2	0	2	1
Case 93	9	93,571,341	95,142,121	3	0	3	1
Case 93	9	95,142,122	95,898,531	2	0	2	1
Case 93	9	95,899,771	99,519,505	3	0	3	1
Case 93	9	99,521,119	99,606,224	2	0	2	1
Case 93	9	99,606,529	102,275,382	3	0	3	1

Case 93	9	102,277,921	103,108,449	2	0	2	1
Case 93	9	103,109,070	103,485,819	3	0	3	1
Case 93	9	103,486,169	103,848,006	2	0	2	1
Case 93	9	103,848,261	104,068,262	3	0	3	1
Case 93	9	104,068,545	104,333,043	2	0	2	1
Case 93	9	104,334,333	104,554,756	3	0	3	1
Case 93	9	104,555,316	107,050,093	2	0	2	1
Case 93	9	107,054,520	113,581,359	3	0	3	1
Case 93	9	113,582,050	113,791,313	2	0	2	1
Case 93	9	113,792,706	121,363,428	3	0	3	1
Case 93	9	121,364,552	121,670,536	2	0	2	1
Case 93	9	121,698,714	123,791,936	3	0	3	1
Case 93	9	123,792,679	123,924,221	2	0	2	1
Case 93	9	123,924,470	127,661,756	3	0	3	1
Case 93	9	127,662,748	127,942,240	2	0	2	1
Case 93	9	127,948,321	131,419,422	3	0	3	1
Case 93	9	131,437,159	131,475,468	1	0	1	0
Case 93	9	131,475,583	131,762,080	3	0	3	1
Case 93	9	131,763,850	131,891,373	2	0	2	1
Case 93	9	131,897,131	136,290,672	3	0	3	1
Case 93	9	136,291,063	136,341,407	2	0	2	1
Case 93	9	136,342,768	139,103,277	3	0	3	1
Case 93	9	139,103,284	139,279,173	2	0	2	1
Case 93	9	139,279,245	139,575,487	3	0	3	1
Case 93	9	139,578,880	139,757,333	2	0	2	1
Case 93	9	139,757,424	140,007,546	3	0	3	1
Case 93	9	140,007,817	140,127,809	2	0	2	1
Case 93	9	140,127,856	140,161,526	3	0	3	1
Case 93	9	140,164,250	140,392,579	2	0	2	1
Case 93	9	140,392,623	141,066,491	3	0	3	1
Case 93	10	98,087	2,148,732	2	1	3	0
Case 93	10	2,148,963	4,458,882	3	0	3	1
Case 93	10	4,464,252	4,780,818	2	0	2	1
Case 93	10	4,781,029	7,605,243	3	0	3	1
Case 93	10	7,605,263	7,660,490	2	0	2	1
Case 93	10	7,661,011	8,696,383	3	0	3	1
Case 93	10	8,696,446	10,195,010	2	0	2	1
Case 93	10	10,204,589	15,609,839	3	0	3	1
Case 93	10	15,613,080	16,068,563	2	0	2	1
Case 93	10	16,070,792	16,581,889	3	0	3	1
Case 93	10	16,583,249	16,787,560	2	0	2	1
Case 93	10	16,790,231	17,495,619	3	0	3	1
Case 93	10	17,498,867	17,746,301	2	0	2	1
Case 93	10	17,746,464	18,254,428	3	0	3	1
Case 93	10	18,254,595	18,351,573	2	0	2	1
Case 93	10	18,352,728	18,742,477	3	0	3	1
Case 93	10	18,743,060	39,097,912	2	1	3	0
Case 93	10	42,436,301	70,616,199	2	1	3	0
Case 93	10	70,616,517	70,747,353	2	2	4	0
Case 93	10	70,748,656	73,699,145	2	1	3	0
Case 93	10	73,707,100	74,043,803	3	0	3	1
Case 93	10	74,046,370	101,489,476	2	1	3	0
Case 93	10	101,491,236	101,668,986	2	2	4	0
Case 93	10	101,682,176	135,477,883	2	1	3	0
Case 93	11	193,146	51,591,253	2	1	3	0
Case 93	11	54,794,237	56,185,549	2	1	3	0
Case 93	11	56,185,557	56,431,667	2	2	4	0
Case 93	11	56,431,691	134,934,063	2	1	3	0
Case 93	12	191,619	34,826,574	2	2	4	0
Case 93	12	34,853,011	34,853,011	2	1	3	0
Case 93	12	37,876,400	38,713,745	2	1	3	0

Case 93	12	38,713,970	42,181,605	2	2	4	0
Case 93	12	42,183,271	44,782,279	2	1	3	0
Case 93	12	44,783,123	46,239,012	2	2	4	0
Case 93	12	46,240,639	48,232,747	2	1	3	0
Case 93	12	48,234,917	48,920,198	2	2	4	0
Case 93	12	48,920,261	49,987,929	2	1	3	0
Case 93	12	49,992,644	52,550,467	2	2	4	0
Case 93	12	52,551,190	52,841,075	2	1	3	0
Case 93	12	52,842,101	52,959,576	2	2	4	0
Case 93	12	52,960,068	53,071,560	2	1	3	0
Case 93	12	53,072,391	53,152,801	2	2	4	0
Case 93	12	53,153,128	53,494,922	2	1	3	0
Case 93	12	53,495,878	53,670,433	2	2	4	0
Case 93	12	53,670,490	53,705,703	2	1	3	0
Case 93	12	53,708,133	55,098,996	2	2	4	0
Case 93	12	55,102,834	55,917,786	2	1	3	0
Case 93	12	55,920,273	57,453,699	2	2	4	0
Case 93	12	57,454,720	58,017,701	2	1	3	0
Case 93	12	58,017,860	59,956,876	2	2	4	0
Case 93	12	59,956,903	63,019,450	2	1	3	0
Case 93	12	63,020,745	63,449,965	2	2	4	0
Case 93	12	63,450,682	64,217,419	2	1	3	0
Case 93	12	64,234,926	65,391,905	2	2	4	0
Case 93	12	65,393,186	66,986,752	2	1	3	0
Case 93	12	66,988,915	68,804,230	2	2	4	0
Case 93	12	68,805,998	69,140,505	2	1	3	0
Case 93	12	69,145,876	69,424,967	2	2	4	0
Case 93	12	69,428,947	69,757,931	2	1	3	0
Case 93	12	69,760,861	70,382,995	2	2	4	0
Case 93	12	70,383,720	70,950,744	2	1	3	0
Case 93	12	70,951,947	71,456,867	2	2	4	0
Case 93	12	71,459,064	75,935,157	2	1	3	0
Case 93	12	75,944,025	76,314,406	2	2	4	0
Case 93	12	76,315,825	78,158,107	2	1	3	0
Case 93	12	78,162,472	78,336,758	2	2	4	0
Case 93	12	78,346,579	79,643,494	2	1	3	0
Case 93	12	79,645,035	80,628,573	2	2	4	0
Case 93	12	80,632,556	92,290,715	2	1	3	0
Case 93	12	92,297,155	92,538,189	2	2	4	0
Case 93	12	92,539,590	94,466,100	2	1	3	0
Case 93	12	94,466,714	94,701,318	2	2	4	0
Case 93	12	94,702,659	95,073,060	2	1	3	0
Case 93	12	95,083,114	99,304,404	2	2	4	0
Case 93	12	99,308,770	100,857,873	2	1	3	0
Case 93	12	100,866,455	101,377,010	2	2	4	0
Case 93	12	101,381,132	101,587,465	2	1	3	0
Case 93	12	101,587,518	124,520,331	2	2	4	0
Case 93	12	124,525,443	124,843,104	3	0	3	1
Case 93	12	124,843,999	133,682,198	2	2	4	0
Case 93	12	133,682,655	133,810,935	2	1	3	0
Case 93	13	19,058,717	20,716,818	2	0	2	1
Case 93	13	20,717,743	21,165,121	3	0	3	1
Case 93	13	21,165,139	21,459,802	2	0	2	1
Case 93	13	21,466,641	21,689,258	3	0	3	1
Case 93	13	21,689,486	21,932,459	2	0	2	1
Case 93	13	21,935,210	22,694,394	3	0	3	1
Case 93	13	22,695,311	22,766,634	2	0	2	1
Case 93	13	22,769,539	23,015,905	3	0	3	1
Case 93	13	23,016,368	23,915,299	2	0	2	1
Case 93	13	23,915,372	25,082,630	3	0	3	1
Case 93	13	25,084,316	25,236,232	2	0	2	1

Case 93	13	25,237,481	28,916,343	3	0	3	1
Case 93	13	28,919,330	28,959,115	2	2	4	0
Case 93	13	28,962,686	29,182,634	3	0	3	1
Case 93	13	29,183,420	31,938,186	2	2	4	0
Case 93	13	31,943,776	31,945,277	2	0	2	1
Case 93	13	31,950,629	36,581,506	3	2	5	0
Case 93	13	36,597,522	36,597,840	4	1	5	0
Case 93	13	36,598,404	36,620,484	2	0	2	1
Case 93	13	36,625,089	46,486,221	2	2	4	0
Case 93	13	46,491,101	46,491,101	2	0	2	1
Case 93	13	46,494,486	56,137,423	3	2	5	0
Case 93	13	56,146,159	56,146,159	4	1	5	0
Case 93	13	56,146,197	56,306,848	3	0	3	1
Case 93	13	56,311,909	56,590,135	3	1	4	0
Case 93	13	56,593,465	72,675,601	3	0	3	1
Case 93	13	72,676,321	73,077,005	4	0	4	1
Case 93	13	73,081,033	73,713,447	3	0	3	1
Case 93	13	73,715,441	74,303,603	4	0	4	1
Case 93	13	74,308,229	78,531,821	3	0	3	1
Case 93	13	78,541,621	78,699,820	2	2	4	0
Case 93	13	78,700,474	95,316,946	3	0	3	1
Case 93	13	95,319,234	95,735,502	4	0	4	1
Case 93	13	95,735,604	95,861,793	3	0	3	1
Case 93	13	95,861,804	96,306,146	4	0	4	1
Case 93	13	96,307,645	97,304,003	3	0	3	1
Case 93	13	97,308,587	100,570,435	4	0	4	1
Case 93	13	100,575,093	104,933,689	3	0	3	1
Case 93	13	104,934,976	105,069,859	4	0	4	1
Case 93	13	105,070,996	107,059,500	3	0	3	1
Case 93	13	107,060,125	107,822,109	4	0	4	1
Case 93	13	107,823,044	109,003,345	3	0	3	1
Case 93	13	109,007,166	109,415,758	4	0	4	1
Case 93	13	109,417,543	109,691,188	3	0	3	1
Case 93	13	109,693,885	109,859,945	4	0	4	1
Case 93	13	109,860,174	111,902,870	3	0	3	1
Case 93	13	111,916,481	112,872,427	4	0	4	1
Case 93	13	112,875,786	113,835,536	3	0	3	1
Case 93	13	113,838,725	114,309,237	4	0	4	1
Case 93	13	114,311,880	115,103,529	3	0	3	1
Case 93	14	19,280,733	20,420,338	3	0	3	1
Case 93	14	20,425,051	22,153,004	4	0	4	1
Case 93	14	22,158,539	22,985,006	5	0	5	1
Case 93	14	22,986,656	37,713,694	4	0	4	1
Case 93	14	37,714,140	38,088,472	3	0	3	1
Case 93	14	38,111,870	38,221,992	0	0	0	0
Case 93	14	38,234,632	38,246,440	3	0	3	1
Case 93	14	38,248,936	107,287,663	4	0	4	1
Case 93	15	20,034,919	22,766,739	3	0	3	1
Case 93	15	22,769,771	30,353,491	2	1	3	0
Case 93	15	30,354,303	30,371,774	3	0	3	1
Case 93	15	30,507,461	31,089,526	0	0	0	0
Case 93	15	31,094,479	31,293,774	3	0	3	1
Case 93	15	31,294,159	83,337,059	2	1	3	0
Case 93	15	83,342,772	86,122,865	3	0	3	1
Case 93	15	86,122,875	86,198,852	2	0	2	1
Case 93	15	86,198,893	87,488,128	3	0	3	1
Case 93	15	87,503,062	87,608,414	2	0	2	1
Case 93	15	87,610,951	102,461,162	2	1	3	0
Case 93	16	88,165	35,285,582	2	2	4	0
Case 93	16	46,450,037	51,488,206	2	2	4	0
Case 93	16	51,491,825	73,077,574	4	0	4	1

Case 93	16	73,079,212	78,458,513	5	0	5	1
Case 93	16	78,458,750	78,551,936	4	0	4	1
Case 93	16	78,551,953	78,551,953	3	0	3	1
Case 93	16	78,552,496	78,581,206	1	0	1	0
Case 93	16	78,584,616	78,724,797	4	0	4	1
Case 93	16	78,725,014	83,945,874	5	0	5	1
Case 93	16	83,945,949	84,228,873	4	0	4	1
Case 93	16	84,229,512	87,878,708	5	0	5	1
Case 93	16	87,878,822	88,835,579	4	0	4	1
Case 93	16	88,842,953	89,293,501	5	0	5	1
Case 93	16	89,293,520	90,274,695	4	0	4	1
Case 93	17	11,885	102,209	3	0	3	1
Case 93	17	103,469	1,510,258	4	0	4	1
Case 93	17	1,516,480	1,635,669	3	0	3	1
Case 93	17	1,635,686	4,436,274	4	0	4	1
Case 93	17	4,436,282	4,649,265	3	0	3	1
Case 93	17	4,649,378	7,105,399	4	0	4	1
Case 93	17	7,107,367	7,323,980	3	0	3	1
Case 93	17	7,324,299	7,721,315	4	0	4	1
Case 93	17	7,721,821	8,308,781	3	0	3	1
Case 93	17	8,315,649	8,707,470	4	0	4	1
Case 93	17	8,708,327	8,926,321	3	0	3	1
Case 93	17	8,930,080	10,200,348	4	0	4	1
Case 93	17	10,200,522	10,555,738	3	0	3	1
Case 93	17	10,558,216	11,744,462	4	0	4	1
Case 93	17	11,752,051	12,267,102	3	0	3	1
Case 93	17	12,278,913	12,609,471	4	0	4	1
Case 93	17	12,609,597	13,276,796	3	0	3	1
Case 93	17	13,277,707	14,118,304	4	0	4	1
Case 93	17	14,122,553	14,269,649	3	0	3	1
Case 93	17	14,269,747	14,645,239	4	0	4	1
Case 93	17	14,646,168	14,829,498	3	0	3	1
Case 93	17	14,829,915	15,373,917	4	0	4	1
Case 93	17	15,374,493	17,267,922	3	0	3	1
Case 93	17	17,271,118	17,543,722	4	0	4	1
Case 93	17	17,544,704	22,242,355	3	0	3	1
Case 93	17	25,268,142	25,773,157	3	0	3	1
Case 93	17	25,778,127	26,007,668	4	0	4	1
Case 93	17	26,018,955	27,283,450	3	0	3	1
Case 93	17	27,283,752	27,898,828	4	0	4	1
Case 93	17	27,898,903	29,421,200	3	0	3	1
Case 93	17	29,421,869	34,597,521	4	0	4	1
Case 93	17	34,815,551	34,964,399	3	0	3	1
Case 93	17	34,964,807	36,073,196	4	0	4	1
Case 93	17	36,073,320	36,509,256	3	0	3	1
Case 93	17	36,516,801	37,224,929	4	0	4	1
Case 93	17	37,226,111	38,020,141	3	0	3	1
Case 93	17	38,023,441	38,851,024	4	0	4	1
Case 93	17	38,854,406	40,733,994	3	0	3	1
Case 93	17	40,734,132	40,904,492	4	0	4	1
Case 93	17	40,904,514	41,166,290	3	0	3	1
Case 93	17	41,166,417	41,699,963	4	0	4	1
Case 93	17	41,703,554	42,549,992	3	0	3	1
Case 93	17	42,552,212	45,542,735	4	0	4	1
Case 93	17	45,633,376	46,548,644	3	0	3	1
Case 93	17	46,550,362	48,600,427	4	0	4	1
Case 93	17	48,600,459	48,838,311	3	0	3	1
Case 93	17	48,840,957	50,294,106	4	0	4	1
Case 93	17	50,294,376	53,158,524	3	0	3	1
Case 93	17	53,166,323	55,918,596	4	0	4	1
Case 93	17	55,926,640	56,436,023	3	0	3	1



Case 93	17	56,436,109	57,582,867	4	0	4	1
Case 93	17	57,599,128	59,255,231	3	0	3	1
Case 93	17	59,258,055	59,735,821	4	0	4	1
Case 93	17	59,736,108	60,603,969	3	0	3	1
Case 93	17	60,613,661	61,166,086	4	0	4	1
Case 93	17	61,172,859	61,634,508	3	0	3	1
Case 93	17	61,634,538	63,466,131	4	0	4	1
Case 93	17	63,469,057	64,210,757	3	0	3	1
Case 93	17	64,212,962	66,872,604	4	0	4	1
Case 93	17	66,872,845	67,656,119	3	0	3	1
Case 93	17	67,665,781	68,724,984	4	0	4	1
Case 93	17	68,728,276	69,490,856	3	0	3	1
Case 93	17	69,491,179	72,691,961	4	0	4	1
Case 93	17	72,692,527	74,155,654	3	0	3	1
Case 93	17	74,158,641	76,072,444	4	0	4	1
Case 93	17	76,074,196	76,143,434	3	0	3	1
Case 93	17	76,151,386	76,989,666	4	0	4	1
Case 93	17	76,989,715	77,084,692	3	0	3	1
Case 93	17	77,085,081	77,654,711	4	0	4	1
Case 93	17	77,667,579	78,358,926	3	0	3	1
Case 93	17	78,358,958	78,966,915	4	0	4	1
Case 93	17	78,971,130	80,789,037	3	0	3	1
Case 93	17	80,789,156	81,000,439	4	0	4	1
Case 93	17	81,004,770	81,060,040	3	0	3	1
Case 93	18	87,505	15,375,878	2	1	3	0
Case 93	18	18,520,354	26,057,722	2	1	3	0
Case 93	18	26,059,112	28,892,320	2	0	2	1
Case 93	18	28,892,506	29,333,112	2	1	3	0
Case 93	18	29,333,635	33,749,871	2	0	2	1
Case 93	18	33,750,046	36,105,957	2	1	3	0
Case 93	18	36,106,229	42,419,103	2	0	2	1
Case 93	18	42,421,259	42,769,020	2	1	3	0
Case 93	18	42,781,787	43,223,105	2	0	2	1
Case 93	18	43,224,101	43,329,719	2	1	3	0
Case 93	18	43,329,864	44,030,044	2	0	2	1
Case 93	18	44,036,029	44,293,623	3	0	3	1
Case 93	18	44,294,533	47,484,139	2	0	2	1
Case 93	18	47,484,867	47,572,613	3	0	3	1
Case 93	18	47,573,051	48,164,944	2	0	2	1
Case 93	18	48,165,751	48,382,668	3	0	3	1
Case 93	18	48,387,062	56,161,396	2	0	2	1
Case 93	18	56,162,113	56,205,262	3	0	3	1
Case 93	18	56,206,955	71,486,616	2	0	2	1
Case 93	18	71,487,700	71,876,587	2	1	3	0
Case 93	18	71,877,967	72,053,760	2	0	2	1
Case 93	18	72,055,824	72,455,151	2	1	3	0
Case 93	18	72,456,152	72,767,269	2	0	2	1
Case 93	18	72,773,309	75,127,574	2	1	3	0
Case 93	18	75,135,171	76,150,938	2	0	2	1
Case 93	18	76,153,361	76,526,710	2	1	3	0
Case 93	18	76,528,007	77,107,530	2	0	2	1
Case 93	18	77,109,150	77,797,400	2	1	3	0
Case 93	18	77,797,492	78,015,180	2	0	2	1
Case 93	19	260,912	494,057	3	0	3	1
Case 93	19	495,722	629,303	2	0	2	1
Case 93	19	630,096	682,010	3	0	3	1
Case 93	19	683,221	880,126	2	0	2	1
Case 93	19	881,161	1,047,336	3	0	3	1
Case 93	19	1,047,524	1,049,360	2	0	2	1
Case 93	19	1,049,396	1,053,438	1	0	1	0
Case 93	19	1,053,677	1,073,565	3	0	3	1

Case 93	19	1,074,000	1,074,010	0	0	0	0
Case 93	19	1,075,979	4,502,201	3	0	3	1
Case 93	19	4,504,551	4,508,817	0	0	0	0
Case 93	19	4,508,905	8,127,331	3	0	3	1
Case 93	19	8,128,460	8,160,334	2	0	2	1
Case 93	19	8,160,379	9,271,771	3	0	3	1
Case 93	19	9,272,254	9,922,084	2	0	2	1
Case 93	19	9,922,216	10,624,508	3	0	3	1
Case 93	19	10,624,510	10,668,481	2	0	2	1
Case 93	19	10,668,673	11,832,649	3	0	3	1
Case 93	19	11,832,835	12,692,476	2	0	2	1
Case 93	19	12,693,723	15,276,739	3	0	3	1
Case 93	19	15,276,755	15,350,625	2	0	2	1
Case 93	19	15,351,749	15,795,693	3	0	3	1
Case 93	19	15,795,744	15,837,869	2	0	2	1
Case 93	19	15,838,869	17,361,203	3	0	3	1
Case 93	19	17,361,222	17,370,182	1	0	1	0
Case 93	19	17,370,190	19,004,285	3	0	3	1
Case 93	19	19,009,470	19,115,094	2	0	2	1
Case 93	19	19,115,264	19,817,749	3	0	3	1
Case 93	19	19,819,843	19,823,734	0	0	0	0
Case 93	19	19,824,850	24,629,285	2	0	2	1
Case 93	19	27,732,159	27,828,664	2	0	2	1
Case 93	19	27,862,694	28,701,186	4	1	5	0
Case 93	19	28,707,015	32,674,746	4	2	6	0
Case 93	19	32,677,182	32,845,370	4	1	5	0
Case 93	19	32,845,598	33,732,964	3	2	5	0
Case 93	19	33,733,928	33,937,322	4	1	5	0
Case 93	19	33,938,800	34,838,830	3	2	5	0
Case 93	19	34,838,914	36,230,174	4	1	5	0
Case 93	19	36,230,240	36,259,116	4	0	4	1
Case 93	19	36,259,292	36,339,250	4	1	5	0
Case 93	19	36,339,287	36,606,512	3	2	5	0
Case 93	19	36,609,790	39,510,778	4	1	5	0
Case 93	19	39,514,844	40,276,707	3	2	5	0
Case 93	19	40,278,602	40,731,371	4	1	5	0
Case 93	19	40,731,491	41,602,470	3	2	5	0
Case 93	19	41,602,530	41,892,607	4	1	5	0
Case 93	19	41,893,502	44,849,565	3	2	5	0
Case 93	19	44,853,707	44,930,348	4	1	5	0
Case 93	19	44,930,430	45,910,365	3	2	5	0
Case 93	19	45,910,441	46,586,247	4	1	5	0
Case 93	19	46,587,142	46,913,749	3	2	5	0
Case 93	19	46,914,459	48,950,075	4	1	5	0
Case 93	19	48,951,879	50,357,164	3	2	5	0
Case 93	19	50,357,189	51,010,939	4	1	5	0
Case 93	19	51,013,325	51,676,299	3	2	5	0
Case 93	19	51,676,649	51,811,788	4	1	5	0
Case 93	19	51,818,151	53,382,381	3	2	5	0
Case 93	19	53,383,865	53,993,764	4	1	5	0
Case 93	19	53,995,750	54,345,604	3	2	5	0
Case 93	19	54,348,366	55,678,015	4	1	5	0
Case 93	19	55,681,833	56,321,180	3	2	5	0
Case 93	19	56,321,279	56,497,960	4	1	5	0
Case 93	19	56,498,793	56,583,306	3	2	5	0
Case 93	19	56,588,096	56,733,294	4	1	5	0
Case 93	19	56,733,374	57,175,555	3	2	5	0
Case 93	19	57,175,814	57,335,875	4	1	5	0
Case 93	19	57,335,976	57,839,257	4	2	6	0
Case 93	19	57,839,291	57,839,518	2	1	3	0
Case 93	19	57,839,567	57,855,930	4	1	5	0

Case 93	19	57,858,121	58,401,342	3	2	5	0
Case 93	19	58,410,552	59,097,160	4	1	5	0
Case 93	20	63,244	76,920	4	0	4	1
Case 93	20	76,978	14,673,838	4	1	5	0
Case 93	20	14,675,433	14,678,135	3	0	3	1
Case 93	20	14,679,497	14,884,301	1	0	1	0
Case 93	20	14,890,211	15,064,452	4	0	4	1
Case 93	20	15,067,407	15,163,265	4	1	5	0
Case 93	20	15,168,697	15,237,052	2	0	2	1
Case 93	20	15,241,763	16,783,688	4	1	5	0
Case 93	20	16,785,997	18,833,210	2	0	2	1
Case 93	20	18,835,278	23,009,294	4	1	5	0
Case 93	20	23,011,278	23,065,844	3	2	5	0
Case 93	20	23,065,845	23,350,941	4	1	5	0
Case 93	20	23,351,333	23,813,618	3	2	5	0
Case 93	20	23,815,299	26,293,985	4	1	5	0
Case 93	20	29,425,357	29,992,847	4	1	5	0
Case 93	20	29,995,517	30,818,649	3	2	5	0
Case 93	20	30,818,722	32,454,413	4	1	5	0
Case 93	20	32,457,158	33,289,225	4	2	6	0
Case 93	20	33,292,777	34,994,192	4	1	5	0
Case 93	20	34,996,040	36,063,565	3	2	5	0
Case 93	20	36,067,873	36,527,215	4	1	5	0
Case 93	20	36,529,578	37,194,041	3	2	5	0
Case 93	20	37,195,334	37,667,148	4	1	5	0
Case 93	20	37,667,182	39,391,369	4	2	6	0
Case 93	20	39,393,556	39,397,698	2	1	3	0
Case 93	20	39,398,172	39,994,193	4	1	5	0
Case 93	20	39,998,520	42,552,869	4	2	6	0
Case 93	20	42,553,241	42,553,437	2	1	3	0
Case 93	20	42,553,993	42,559,531	4	1	5	0
Case 93	20	42,562,360	43,572,217	3	2	5	0
Case 93	20	43,578,485	44,076,496	4	1	5	0
Case 93	20	44,076,549	44,395,240	4	2	6	0
Case 93	20	44,395,664	45,476,128	4	1	5	0
Case 93	20	45,476,574	54,768,476	4	2	6	0
Case 93	20	54,774,117	54,774,117	2	1	3	0
Case 93	20	54,775,903	55,108,617	4	1	5	0
Case 93	20	55,109,304	57,544,274	4	2	6	0
Case 93	20	57,545,765	57,545,765	2	1	3	0
Case 93	20	57,554,923	57,566,637	4	1	5	0
Case 93	20	57,566,946	59,274,805	3	2	5	0
Case 93	20	59,275,813	61,386,238	4	1	5	0
Case 93	20	61,387,404	61,714,591	3	2	5	0
Case 93	20	61,718,322	62,948,788	4	1	5	0
Case 93	21	10,827,533	10,971,337	2	1	3	0
Case 93	21	14,368,320	48,100,155	2	1	3	0
Case 93	22	16,114,244	30,640,214	2	1	3	0
Case 93	22	30,640,308	30,951,503	2	0	2	1
Case 93	22	30,951,644	31,485,923	3	0	3	1
Case 93	22	31,485,994	51,195,728	2	1	3	0
Case 94	1	82,154	11,952,406	4	1	5	0
Case 94	1	11,957,639	25,178,310	2	1	3	0
Case 94	1	25,185,786	25,295,580	3	1	4	0
Case 94	1	25,297,184	121,346,616	2	1	3	0
Case 94	1	142,649,718	144,879,497	2	1	3	0
Case 94	1	144,880,834	161,012,448	2	2	4	0
Case 94	1	161,012,760	161,182,208	2	1	3	0
Case 94	1	161,182,672	185,157,131	2	2	4	0
Case 94	1	185,171,869	192,682,671	2	1	3	0
Case 94	1	192,696,582	214,776,395	2	2	4	0

Case 94	1	214,786,635	214,813,941	2	1	3	0
Case 94	1	214,814,059	214,842,590	2	0	2	1
Case 94	1	214,847,804	214,849,923	2	2	4	0
Case 94	1	214,855,222	221,443,609	3	2	5	0
Case 94	1	221,443,624	228,045,912	2	2	4	0
Case 94	1	228,046,401	228,526,067	2	1	3	0
Case 94	1	228,526,578	245,431,939	2	2	4	0
Case 94	1	245,434,303	246,512,218	2	1	3	0
Case 94	1	246,516,011	246,784,899	2	0	2	1
Case 94	1	246,793,880	248,027,152	2	2	4	0
Case 94	1	248,028,032	248,279,484	2	1	3	0
Case 94	1	248,286,356	249,218,992	2	2	4	0
Case 94	2	18,674	7,407,863	2	0	2	1
Case 94	2	7,415,677	7,554,772	1	0	1	0
Case 94	2	7,560,605	7,613,638	2	0	2	1
Case 94	2	7,614,263	83,418,770	3	0	3	1
Case 94	2	83,422,531	85,638,323	2	0	2	1
Case 94	2	85,640,098	85,836,668	2	2	4	0
Case 94	2	85,838,844	85,866,329	2	1	3	0
Case 94	2	85,868,133	87,628,556	2	0	2	1
Case 94	2	87,768,679	92,081,640	2	2	4	0
Case 94	2	95,429,424	169,931,343	2	2	4	0
Case 94	2	169,932,975	170,073,905	2	1	3	0
Case 94	2	170,080,596	220,397,073	2	2	4	0
Case 94	2	220,399,904	220,473,139	2	1	3	0
Case 94	2	220,473,328	237,127,095	2	2	4	0
Case 94	2	237,129,535	237,172,957	3	1	4	0
Case 94	2	237,183,463	238,189,278	3	0	3	1
Case 94	2	238,192,180	241,382,083	2	2	4	0
Case 94	2	241,385,787	241,677,264	2	1	3	0
Case 94	2	241,678,528	243,048,760	2	2	4	0
Case 94	3	61,495	60,150,819	2	1	3	0
Case 94	3	60,152,188	60,664,643	1	0	1	0
Case 94	3	60,681,361	60,977,517	2	0	2	1
Case 94	3	60,981,024	61,061,362	1	0	1	0
Case 94	3	61,061,861	85,591,467	2	1	3	0
Case 94	3	85,594,695	90,128,803	3	1	4	0
Case 94	3	90,138,312	90,442,925	3	0	3	1
Case 94	3	93,537,290	93,812,793	3	0	3	1
Case 94	3	93,813,882	195,478,082	3	1	4	0
Case 94	3	195,479,250	195,606,770	2	1	3	0
Case 94	3	195,609,069	197,838,262	3	1	4	0
Case 94	4	71,566	946,974	2	1	3	0
Case 94	4	947,024	985,076	1	1	2	0
Case 94	4	985,092	49,620,898	2	1	3	0
Case 94	4	52,697,856	128,812,271	2	1	3	0
Case 94	4	128,813,668	129,223,349	1	1	2	0
Case 94	4	129,232,129	132,129,741	2	1	3	0
Case 94	4	132,134,734	138,118,905	1	1	2	0
Case 94	4	138,119,828	162,505,383	2	1	3	0
Case 94	4	162,508,645	168,292,322	2	0	2	1
Case 94	4	168,292,438	169,292,905	1	0	1	0
Case 94	4	169,293,182	174,081,834	2	0	2	1
Case 94	4	174,083,622	174,596,609	1	0	1	0
Case 94	4	174,598,134	174,686,346	2	0	2	1
Case 94	4	174,686,458	182,410,954	1	0	1	0
Case 94	4	182,411,580	182,589,046	2	0	2	1
Case 94	4	182,591,864	183,654,099	1	0	1	0
Case 94	4	183,655,548	184,190,300	2	0	2	1
Case 94	4	184,192,037	184,252,789	1	0	1	0
Case 94	4	184,259,614	184,335,306	2	0	2	1

Case 94	4	184,338,589	184,721,809	1	0	1	0
Case 94	4	184,725,906	185,222,701	2	0	2	1
Case 94	4	185,226,573	185,286,768	1	0	1	0
Case 94	4	185,287,351	185,440,669	2	0	2	1
Case 94	4	185,449,260	185,801,346	1	0	1	0
Case 94	4	185,801,567	186,231,836	2	0	2	1
Case 94	4	186,241,915	186,381,043	1	0	1	0
Case 94	4	186,381,115	186,692,629	2	0	2	1
Case 94	4	186,694,576	187,059,563	1	0	1	0
Case 94	4	187,059,719	187,212,134	2	0	2	1
Case 94	4	187,213,027	187,264,414	1	0	1	0
Case 94	4	187,271,047	188,127,832	2	0	2	1
Case 94	4	188,131,680	188,899,298	1	0	1	0
Case 94	4	188,904,235	189,262,246	2	0	2	1
Case 94	4	189,265,168	190,838,050	1	0	1	0
Case 94	4	190,862,083	190,963,766	2	0	2	1
Case 94	5	38,139	309,060	3	0	3	1
Case 94	5	309,096	411,361	4	0	4	1
Case 94	5	412,694	884,251	3	0	3	1
Case 94	5	884,439	5,447,607	4	0	4	1
Case 94	5	5,449,333	5,496,203	3	0	3	1
Case 94	5	5,496,480	45,925,213	4	0	4	1
Case 94	5	45,983,680	46,399,093	2	0	2	1
Case 94	5	49,457,282	55,568,487	2	0	2	1
Case 94	5	55,574,191	56,100,996	3	0	3	1
Case 94	5	56,109,154	60,937,964	2	0	2	1
Case 94	5	60,938,249	61,553,881	3	0	3	1
Case 94	5	61,556,730	67,288,272	2	0	2	1
Case 94	5	67,290,972	68,332,072	3	0	3	1
Case 94	5	68,335,741	70,889,870	2	0	2	1
Case 94	5	70,895,499	71,402,339	3	0	3	1
Case 94	5	71,403,533	72,460,126	2	0	2	1
Case 94	5	72,460,195	73,992,406	3	0	3	1
Case 94	5	73,992,545	77,809,989	2	0	2	1
Case 94	5	77,812,321	78,135,201	3	0	3	1
Case 94	5	78,135,214	90,208,481	2	0	2	1
Case 94	5	90,209,824	90,838,345	3	0	3	1
Case 94	5	90,858,258	95,407,719	2	0	2	1
Case 94	5	95,407,894	96,058,392	3	0	3	1
Case 94	5	96,064,890	103,767,504	2	0	2	1
Case 94	5	103,771,206	104,515,164	1	0	1	0
Case 94	5	104,524,071	114,693,074	2	0	2	1
Case 94	5	114,700,699	115,285,650	3	0	3	1
Case 94	5	115,291,291	116,421,862	2	0	2	1
Case 94	5	116,423,771	118,974,922	1	0	1	0
Case 94	5	118,977,870	119,526,332	2	0	2	1
Case 94	5	119,526,884	121,429,808	1	0	1	0
Case 94	5	121,452,158	121,826,941	2	0	2	1
Case 94	5	121,829,635	122,365,046	1	0	1	0
Case 94	5	122,367,347	122,729,025	2	0	2	1
Case 94	5	122,744,178	123,731,118	1	0	1	0
Case 94	5	123,731,454	124,154,976	2	0	2	1
Case 94	5	124,157,377	125,340,731	1	0	1	0
Case 94	5	125,342,128	126,835,863	2	0	2	1
Case 94	5	126,838,742	127,557,814	1	0	1	0
Case 94	5	127,562,880	127,694,805	2	0	2	1
Case 94	5	127,699,375	128,198,862	1	0	1	0
Case 94	5	128,200,502	128,323,346	2	0	2	1
Case 94	5	128,323,644	131,075,921	1	0	1	0
Case 94	5	131,107,692	131,294,966	2	0	2	1
Case 94	5	131,296,236	131,704,980	3	0	3	1

Case 94	5	131,705,627	132,161,784	2	0	2	1
Case 94	5	132,163,969	132,758,353	3	0	3	1
Case 94	5	132,761,691	134,385,234	2	0	2	1
Case 94	5	134,390,581	134,629,551	3	0	3	1
Case 94	5	134,633,657	135,276,701	2	0	2	1
Case 94	5	135,276,738	139,931,384	3	0	3	1
Case 94	5	139,931,607	139,931,740	0	0	0	0
Case 94	5	139,936,760	174,910,713	3	0	3	1
Case 94	5	174,911,675	175,329,033	2	0	2	1
Case 94	5	175,346,223	180,693,127	3	0	3	1
Case 94	6	108,666	26,017,510	4	0	4	1
Case 94	6	26,017,542	26,087,736	3	0	3	1
Case 94	6	26,088,890	29,913,727	4	0	4	1
Case 94	6	29,914,270	29,944,148	3	0	3	1
Case 94	6	29,944,158	31,996,614	4	0	4	1
Case 94	6	32,005,904	32,161,324	3	0	3	1
Case 94	6	32,161,396	42,833,003	4	0	4	1
Case 94	6	42,834,021	42,946,386	3	0	3	1
Case 94	6	42,954,429	58,752,089	4	0	4	1
Case 94	6	61,891,118	92,822,870	3	0	3	1
Case 94	6	92,823,967	92,999,553	2	0	2	1
Case 94	6	93,005,995	128,740,387	3	0	3	1
Case 94	6	128,741,476	129,003,449	4	0	4	1
Case 94	6	129,009,593	147,767,235	3	0	3	1
Case 94	6	147,780,366	147,908,995	4	0	4	1
Case 94	6	147,910,426	147,994,707	2	0	2	1
Case 94	6	148,002,142	165,377,997	3	0	3	1
Case 94	6	165,381,837	165,560,336	2	0	2	1
Case 94	6	165,564,573	168,506,075	3	0	3	1
Case 94	6	168,511,016	169,904,414	4	0	4	1
Case 94	6	169,912,559	170,333,717	3	0	3	1
Case 94	6	170,334,114	170,980,171	4	0	4	1
Case 94	7	44,935	5,908,742	2	0	2	1
Case 94	7	5,911,291	6,189,472	3	0	3	1
Case 94	7	6,189,780	8,156,375	2	0	2	1
Case 94	7	8,159,569	8,639,507	3	0	3	1
Case 94	7	8,641,237	16,667,920	2	0	2	1
Case 94	7	16,670,471	16,886,936	3	0	3	1
Case 94	7	16,886,964	17,478,458	2	0	2	1
Case 94	7	17,478,578	17,794,682	3	0	3	1
Case 94	7	17,796,008	21,934,511	2	0	2	1
Case 94	7	21,935,986	22,800,653	3	0	3	1
Case 94	7	22,802,407	24,051,036	2	0	2	1
Case 94	7	24,052,443	24,280,534	3	0	3	1
Case 94	7	24,282,334	25,094,095	2	0	2	1
Case 94	7	25,094,305	25,856,295	3	0	3	1
Case 94	7	25,861,138	26,224,894	2	0	2	1
Case 94	7	26,224,925	26,685,929	3	0	3	1
Case 94	7	26,688,808	29,160,604	2	0	2	1
Case 94	7	29,160,613	29,605,481	3	0	3	1
Case 94	7	29,606,160	29,963,247	2	0	2	1
Case 94	7	29,966,085	30,491,267	3	0	3	1
Case 94	7	30,491,310	30,796,530	2	0	2	1
Case 94	7	30,800,679	31,877,261	3	0	3	1
Case 94	7	31,877,485	33,352,352	2	0	2	1
Case 94	7	33,354,325	34,696,545	3	0	3	1
Case 94	7	34,697,060	35,729,609	2	0	2	1
Case 94	7	35,730,645	36,201,102	3	0	3	1
Case 94	7	36,203,128	38,292,663	2	0	2	1
Case 94	7	38,297,145	38,361,999	3	0	3	1
Case 94	7	38,362,957	44,146,151	2	0	2	1

Case 94	7	44,146,451	44,259,224	3	0	3	1
Case 94	7	44,259,762	47,408,550	2	0	2	1
Case 94	7	47,408,702	47,777,685	3	0	3	1
Case 94	7	47,778,326	50,289,657	2	0	2	1
Case 94	7	50,294,856	50,742,180	3	0	3	1
Case 94	7	50,742,212	51,111,403	2	0	2	1
Case 94	7	51,121,341	51,798,888	3	0	3	1
Case 94	7	51,803,145	54,311,822	2	0	2	1
Case 94	7	54,313,171	56,558,468	2	1	3	0
Case 94	7	56,563,273	58,019,061	2	0	2	1
Case 94	7	61,056,053	62,393,418	2	0	2	1
Case 94	7	62,397,642	99,703,901	3	1	4	0
Case 94	7	99,703,958	100,366,308	2	1	3	0
Case 94	7	100,367,558	100,532,733	3	1	4	0
Case 94	7	100,537,743	100,537,743	3	0	3	1
Case 94	7	100,542,445	100,775,276	2	1	3	0
Case 94	7	100,775,300	101,159,913	3	1	4	0
Case 94	7	101,161,537	102,334,106	2	1	3	0
Case 94	7	102,375,663	106,548,353	3	1	4	0
Case 94	7	106,549,902	110,329,655	2	1	3	0
Case 94	7	110,338,460	110,590,834	1	1	2	0
Case 94	7	110,591,124	110,661,337	2	1	3	0
Case 94	7	110,665,997	110,737,149	1	0	1	0
Case 94	7	110,742,454	110,899,634	2	0	2	1
Case 94	7	110,909,052	149,512,331	2	1	3	0
Case 94	7	149,512,674	149,526,070	1	1	2	0
Case 94	7	149,528,255	159,119,486	2	1	3	0
Case 94	8	164,984	3,511,972	2	0	2	1
Case 94	8	3,512,299	3,564,741	3	0	3	1
Case 94	8	3,565,900	6,572,165	2	0	2	1
Case 94	8	6,575,683	6,900,438	3	0	3	1
Case 94	8	6,903,607	8,651,879	2	0	2	1
Case 94	8	8,652,504	9,351,983	3	0	3	1
Case 94	8	9,357,874	9,710,822	2	0	2	1
Case 94	8	9,711,456	10,119,523	3	0	3	1
Case 94	8	10,121,022	10,210,451	2	0	2	1
Case 94	8	10,225,159	10,300,132	3	0	3	1
Case 94	8	10,301,469	11,306,805	2	0	2	1
Case 94	8	11,309,893	11,695,970	3	0	3	1
Case 94	8	11,696,115	17,182,541	2	0	2	1
Case 94	8	17,182,965	17,724,142	3	0	3	1
Case 94	8	17,724,658	17,889,343	2	0	2	1
Case 94	8	17,891,869	17,957,107	3	0	3	1
Case 94	8	17,958,628	18,831,269	2	0	2	1
Case 94	8	18,836,545	19,018,974	3	0	3	1
Case 94	8	19,019,943	21,409,341	2	0	2	1
Case 94	8	21,416,030	21,960,096	3	0	3	1
Case 94	8	21,961,834	22,967,438	2	0	2	1
Case 94	8	22,968,219	23,469,088	3	0	3	1
Case 94	8	23,470,246	24,109,055	2	0	2	1
Case 94	8	24,110,439	25,326,140	3	0	3	1
Case 94	8	25,327,421	26,434,014	2	0	2	1
Case 94	8	26,438,546	27,151,632	3	0	3	1
Case 94	8	27,151,698	28,935,001	2	0	2	1
Case 94	8	28,935,457	29,551,058	3	0	3	1
Case 94	8	29,552,383	36,869,192	2	0	2	1
Case 94	8	36,872,094	37,667,471	3	0	3	1
Case 94	8	37,671,140	37,790,205	2	0	2	1
Case 94	8	37,791,109	38,317,398	3	0	3	1
Case 94	8	38,319,349	39,816,468	2	0	2	1
Case 94	8	39,821,037	40,184,872	3	0	3	1

Case 94	8	40,185,591	43,791,691	2	0	2	1
Case 94	8	46,886,735	62,172,668	2	0	2	1
Case 94	8	62,173,034	62,901,250	3	0	3	1
Case 94	8	62,914,580	94,128,797	2	0	2	1
Case 94	8	94,134,191	105,229,023	5	0	5	1
Case 94	8	105,232,453	106,297,815	4	0	4	1
Case 94	8	106,299,441	108,279,912	5	0	5	1
Case 94	8	108,287,577	108,543,427	4	0	4	1
Case 94	8	108,543,767	110,372,477	5	0	5	1
Case 94	8	110,376,861	110,535,547	4	0	4	1
Case 94	8	110,535,565	111,498,521	5	0	5	1
Case 94	8	111,509,813	112,548,351	4	0	4	1
Case 94	8	112,552,852	114,440,178	5	0	5	1
Case 94	8	114,445,055	115,060,120	4	0	4	1
Case 94	8	115,063,598	116,594,538	5	0	5	1
Case 94	8	116,599,199	117,394,185	4	0	4	1
Case 94	8	117,410,485	118,276,821	5	0	5	1
Case 94	8	118,284,380	118,538,896	6	0	6	1
Case 94	8	118,542,735	119,192,723	5	0	5	1
Case 94	8	119,192,998	120,224,806	6	0	6	1
Case 94	8	120,229,785	126,154,649	5	0	5	1
Case 94	8	126,156,243	127,560,353	6	0	6	1
Case 94	8	127,564,109	130,987,888	5	0	5	1
Case 94	8	130,990,662	131,359,644	6	0	6	1
Case 94	8	131,370,285	131,623,388	5	0	5	1
Case 94	8	131,627,539	131,781,235	6	0	6	1
Case 94	8	131,792,219	132,165,751	5	0	5	1
Case 94	8	132,167,864	132,620,699	6	0	6	1
Case 94	8	132,620,944	134,256,559	5	0	5	1
Case 94	8	134,257,450	134,401,509	4	0	4	1
Case 94	8	134,402,395	137,211,259	5	0	5	1
Case 94	8	137,218,971	138,018,565	6	0	6	1
Case 94	8	138,018,770	138,414,687	5	0	5	1
Case 94	8	138,420,975	138,744,981	6	0	6	1
Case 94	8	138,746,389	140,694,111	5	0	5	1
Case 94	8	140,695,375	144,642,054	4	0	4	1
Case 94	8	144,643,206	144,690,886	3	0	3	1
Case 94	8	144,692,333	144,943,745	4	0	4	1
Case 94	8	144,943,784	145,155,408	3	0	3	1
Case 94	8	145,158,091	145,641,588	4	0	4	1
Case 94	8	145,642,002	145,736,389	3	0	3	1
Case 94	8	145,736,440	146,293,414	4	0	4	1
Case 94	9	46,587	78,775	6	0	6	1
Case 94	9	185,632	248,749	7	0	7	1
Case 94	9	249,281	1,207,469	6	0	6	1
Case 94	9	1,209,190	1,711,307	7	0	7	1
Case 94	9	1,712,303	2,320,311	6	0	6	1
Case 94	9	2,321,242	2,633,562	7	0	7	1
Case 94	9	2,633,921	2,746,548	6	0	6	1
Case 94	9	2,746,594	5,291,710	7	0	7	1
Case 94	9	5,292,257	5,335,570	0	0	0	0
Case 94	9	5,339,657	5,356,333	7	0	7	1
Case 94	9	5,356,674	5,465,130	0	0	0	0
Case 94	9	5,465,262	10,381,819	7	0	7	1
Case 94	9	10,386,641	12,493,565	3	0	3	1
Case 94	9	12,494,501	13,106,335	4	0	4	1
Case 94	9	13,106,598	14,205,169	3	0	3	1
Case 94	9	14,206,835	14,316,570	4	0	4	1
Case 94	9	14,323,346	14,479,228	3	0	3	1
Case 94	9	14,479,361	14,801,710	4	0	4	1
Case 94	9	14,801,713	14,901,322	3	0	3	1



Case 94	9	14,903,275	15,084,766	4	0	4	1
Case 94	9	15,085,778	18,294,429	3	0	3	1
Case 94	9	18,295,768	18,494,532	4	0	4	1
Case 94	9	18,495,515	20,336,146	3	0	3	1
Case 94	9	20,337,131	20,781,868	4	0	4	1
Case 94	9	20,782,100	32,572,983	3	0	3	1
Case 94	9	32,586,822	33,134,617	4	0	4	1
Case 94	9	33,135,318	46,944,322	3	0	3	1
Case 94	9	65,629,772	75,515,546	3	0	3	1
Case 94	9	75,515,669	75,900,508	4	0	4	1
Case 94	9	75,905,148	87,193,728	3	0	3	1
Case 94	9	87,200,556	87,595,734	4	0	4	1
Case 94	9	87,600,078	110,645,412	3	0	3	1
Case 94	9	110,646,522	111,128,013	4	0	4	1
Case 94	9	111,130,749	113,367,300	3	0	3	1
Case 94	9	113,368,085	113,636,353	4	0	4	1
Case 94	9	113,637,662	126,268,302	3	0	3	1
Case 94	9	126,272,182	126,881,448	4	0	4	1
Case 94	9	126,885,146	134,621,332	3	0	3	1
Case 94	9	134,621,809	134,677,332	4	0	4	1
Case 94	9	134,678,778	141,066,491	3	0	3	1
Case 94	10	98,087	7,213,014	3	1	4	0
Case 94	10	7,214,505	7,989,049	2	1	3	0
Case 94	10	8,002,270	16,997,827	3	1	4	0
Case 94	10	16,997,891	17,341,721	2	1	3	0
Case 94	10	17,342,489	19,719,841	3	1	4	0
Case 94	10	19,721,013	20,518,371	2	1	3	0
Case 94	10	20,521,825	23,393,150	3	1	4	0
Case 94	10	23,393,172	24,055,066	2	1	3	0
Case 94	10	24,056,662	26,119,919	3	1	4	0
Case 94	10	26,122,732	26,446,312	2	1	3	0
Case 94	10	26,452,144	36,793,742	3	1	4	0
Case 94	10	36,800,702	37,274,522	2	1	3	0
Case 94	10	37,278,930	37,843,457	3	1	4	0
Case 94	10	37,846,835	39,070,516	2	1	3	0
Case 94	10	39,088,829	39,097,912	2	0	2	1
Case 94	10	42,436,301	42,905,510	2	0	2	1
Case 94	10	42,907,201	55,080,874	3	0	3	1
Case 94	10	55,081,279	55,233,567	2	0	2	1
Case 94	10	55,233,826	57,135,857	3	0	3	1
Case 94	10	57,138,742	57,395,075	2	0	2	1
Case 94	10	57,396,751	58,355,186	3	0	3	1
Case 94	10	58,365,415	58,739,433	2	0	2	1
Case 94	10	58,742,985	58,892,275	3	0	3	1
Case 94	10	58,904,859	58,936,939	0	0	0	0
Case 94	10	58,937,708	75,477,298	3	0	3	1
Case 94	10	75,490,217	75,708,906	4	0	4	1
Case 94	10	75,727,098	76,092,691	3	0	3	1
Case 94	10	76,131,244	76,437,114	4	0	4	1
Case 94	10	76,449,813	76,688,082	3	0	3	1
Case 94	10	76,705,881	76,867,879	4	0	4	1
Case 94	10	76,867,899	78,772,456	3	0	3	1
Case 94	10	78,774,252	78,987,183	5	0	5	1
Case 94	10	78,988,848	79,269,731	3	0	3	1
Case 94	10	79,274,098	79,704,394	5	0	5	1
Case 94	10	79,713,315	80,717,362	3	0	3	1
Case 94	10	80,729,631	80,797,958	7	0	7	1
Case 94	10	80,798,763	81,195,310	4	0	4	1
Case 94	10	81,197,177	84,835,295	3	0	3	1
Case 94	10	84,836,280	85,276,201	2	0	2	1
Case 94	10	85,296,654	86,088,078	3	0	3	1

Case 94	10	86,093,951	86,199,507	2	0	2	1
Case 94	10	86,206,701	99,329,418	3	0	3	1
Case 94	10	99,330,035	99,371,376	2	0	2	1
Case 94	10	99,371,729	120,976,553	3	0	3	1
Case 94	10	120,978,183	121,323,204	4	0	4	1
Case 94	10	121,328,009	122,301,705	3	0	3	1
Case 94	10	122,302,038	122,365,160	4	0	4	1
Case 94	10	122,367,961	122,383,804	3	0	3	1
Case 94	10	122,385,035	122,485,809	0	0	0	0
Case 94	10	122,489,318	122,508,325	7	0	7	1
Case 94	10	122,508,540	122,639,170	0	0	0	0
Case 94	10	122,645,404	122,771,836	7	0	7	1
Case 94	10	122,777,014	122,888,555	0	0	0	0
Case 94	10	122,889,466	123,094,861	7	0	7	1
Case 94	10	123,094,884	123,268,889	0	0	0	0
Case 94	10	123,272,296	123,325,158	7	0	7	1
Case 94	10	123,325,538	123,421,024	0	0	0	0
Case 94	10	123,422,434	123,501,732	7	0	7	1
Case 94	10	123,501,836	126,097,420	3	0	3	1
Case 94	10	126,100,523	126,414,452	5	0	5	1
Case 94	10	126,418,782	126,695,847	6	0	6	1
Case 94	10	126,696,061	126,764,413	5	0	5	1
Case 94	10	126,773,746	127,569,348	3	0	3	1
Case 94	10	127,626,702	127,686,001	4	0	4	1
Case 94	10	127,689,040	133,083,894	3	0	3	1
Case 94	10	133,084,992	133,373,941	4	0	4	1
Case 94	10	133,374,747	135,477,883	3	0	3	1
Case 94	11	193,146	212,479	3	0	3	1
Case 94	11	212,839	1,015,021	2	0	2	1
Case 94	11	1,015,786	1,019,413	3	0	3	1
Case 94	11	1,020,722	2,691,500	2	0	2	1
Case 94	11	2,694,606	50,237,640	2	2	4	0
Case 94	11	50,238,588	51,591,253	2	1	3	0
Case 94	11	54,794,237	55,362,955	2	1	3	0
Case 94	11	55,370,325	55,427,700	1	0	1	0
Case 94	11	55,431,897	55,431,897	2	1	3	0
Case 94	11	55,432,646	62,288,130	2	2	4	0
Case 94	11	62,288,135	62,563,587	2	1	3	0
Case 94	11	62,564,009	64,052,306	2	2	4	0
Case 94	11	64,052,447	66,052,251	3	1	4	0
Case 94	11	66,053,228	70,846,961	5	1	6	0
Case 94	11	70,858,182	71,007,182	4	1	5	0
Case 94	11	71,010,750	71,739,423	5	1	6	0
Case 94	11	71,746,971	74,097,466	2	0	2	1
Case 94	11	74,099,892	74,651,915	3	0	3	1
Case 94	11	74,660,292	75,199,181	2	0	2	1
Case 94	11	75,200,301	76,442,114	3	0	3	1
Case 94	11	76,444,267	76,813,931	2	0	2	1
Case 94	11	76,813,968	77,301,657	3	0	3	1
Case 94	11	77,309,533	84,208,616	2	0	2	1
Case 94	11	84,213,870	84,379,671	1	0	1	0
Case 94	11	84,379,740	85,408,832	2	0	2	1
Case 94	11	85,420,374	85,462,141	3	0	3	1
Case 94	11	85,465,395	86,111,834	2	0	2	1
Case 94	11	86,116,637	86,469,986	3	0	3	1
Case 94	11	86,471,527	92,432,549	2	0	2	1
Case 94	11	92,443,925	92,749,764	3	0	3	1
Case 94	11	92,751,333	93,758,893	2	0	2	1
Case 94	11	93,759,212	94,554,975	3	0	3	1
Case 94	11	94,557,996	95,578,167	2	0	2	1
Case 94	11	95,579,629	95,910,507	3	0	3	1

Case 94	11	95,910,538	101,343,629	2	0	2	1
Case 94	11	101,344,699	101,753,183	3	0	3	1
Case 94	11	101,755,207	102,423,890	2	0	2	1
Case 94	11	102,424,184	102,656,423	3	0	3	1
Case 94	11	102,657,908	110,631,223	2	0	2	1
Case 94	11	110,633,853	111,290,086	3	0	3	1
Case 94	11	111,298,298	112,693,044	2	0	2	1
Case 94	11	112,694,843	113,234,775	3	0	3	1
Case 94	11	113,235,565	113,940,469	2	0	2	1
Case 94	11	113,945,609	114,092,875	3	0	3	1
Case 94	11	114,093,940	115,416,391	2	0	2	1
Case 94	11	115,418,522	116,673,768	3	0	3	1
Case 94	11	116,674,818	116,714,118	2	0	2	1
Case 94	11	116,719,960	117,177,800	3	0	3	1
Case 94	11	117,179,891	117,368,982	2	0	2	1
Case 94	11	117,371,563	117,594,037	3	0	3	1
Case 94	11	117,594,364	117,903,836	2	0	2	1
Case 94	11	117,903,942	118,106,242	3	0	3	1
Case 94	11	118,106,253	119,175,075	2	0	2	1
Case 94	11	119,176,398	119,578,542	3	0	3	1
Case 94	11	119,580,852	125,770,425	2	0	2	1
Case 94	11	125,773,903	125,881,102	3	0	3	1
Case 94	11	125,885,167	126,778,513	2	0	2	1
Case 94	11	126,780,541	127,083,003	3	0	3	1
Case 94	11	127,085,601	128,592,032	2	0	2	1
Case 94	11	128,592,637	130,086,338	3	0	3	1
Case 94	11	130,088,828	130,341,170	2	0	2	1
Case 94	11	130,341,207	130,598,213	3	0	3	1
Case 94	11	130,600,066	134,934,063	2	0	2	1
Case 94	12	191,619	999,666	3	1	4	0
Case 94	12	1,001,819	1,072,390	3	0	3	1
Case 94	12	1,072,965	2,907,932	3	1	4	0
Case 94	12	2,907,978	7,048,145	3	0	3	1
Case 94	12	7,048,221	8,759,936	3	1	4	0
Case 94	12	8,761,674	9,243,017	2	1	3	0
Case 94	12	9,248,214	34,200,389	3	1	4	0
Case 94	12	34,210,675	34,853,011	2	1	3	0
Case 94	12	37,876,400	38,514,872	2	1	3	0
Case 94	12	38,528,487	49,298,829	3	1	4	0
Case 94	12	49,298,859	49,428,694	2	1	3	0
Case 94	12	49,428,717	53,664,148	3	1	4	0
Case 94	12	53,666,713	53,700,836	2	1	3	0
Case 94	12	53,700,848	69,657,145	3	1	4	0
Case 94	12	69,658,330	69,744,014	2	2	4	0
Case 94	12	69,746,033	69,901,232	3	2	5	0
Case 94	12	69,931,759	124,637,184	3	1	4	0
Case 94	12	124,637,290	124,811,972	2	2	4	0
Case 94	12	124,811,994	127,726,384	3	1	4	0
Case 94	12	127,727,157	127,756,618	2	1	3	0
Case 94	12	127,759,267	128,546,979	3	2	5	0
Case 94	12	128,547,161	128,919,798	2	2	4	0
Case 94	12	128,919,835	128,929,239	3	1	4	0
Case 94	12	128,930,064	133,810,935	3	0	3	1
Case 94	13	19,058,717	20,464,188	4	1	5	0
Case 94	13	20,469,457	20,596,565	2	0	2	1
Case 94	13	20,617,797	24,483,053	5	0	5	1
Case 94	13	24,489,605	24,564,790	6	0	6	1
Case 94	13	24,565,459	35,283,075	5	0	5	1
Case 94	13	35,284,403	47,992,832	4	3	7	0
Case 94	13	47,993,684	53,512,417	5	0	5	1
Case 94	13	53,512,968	54,104,672	6	0	6	1

Case 94	13	54,111,175	56,968,151	5	0	5	1
Case 94	13	56,972,876	57,984,566	6	0	6	1
Case 94	13	58,000,353	58,266,222	5	0	5	1
Case 94	13	58,274,172	58,503,218	3	0	3	1
Case 94	13	58,511,221	58,586,097	5	0	5	1
Case 94	13	58,586,236	59,803,799	6	0	6	1
Case 94	13	59,804,025	70,047,110	5	0	5	1
Case 94	13	70,049,048	72,592,144	6	0	6	1
Case 94	13	72,593,652	72,961,202	5	0	5	1
Case 94	13	72,964,292	74,553,463	6	0	6	1
Case 94	13	74,558,505	74,878,937	5	0	5	1
Case 94	13	74,880,098	74,980,088	6	0	6	1
Case 94	13	74,983,154	76,482,230	5	0	5	1
Case 94	13	76,486,342	76,965,424	6	0	6	1
Case 94	13	76,974,247	79,692,676	5	0	5	1
Case 94	13	79,695,827	79,730,890	4	3	7	0
Case 94	13	79,734,887	79,761,056	5	0	5	1
Case 94	13	79,762,645	80,696,432	6	0	6	1
Case 94	13	80,699,166	82,164,986	5	0	5	1
Case 94	13	82,170,521	82,338,416	6	0	6	1
Case 94	13	82,339,494	88,545,547	5	0	5	1
Case 94	13	88,551,345	89,051,135	6	0	6	1
Case 94	13	89,056,955	89,846,656	5	0	5	1
Case 94	13	89,853,255	91,551,236	6	0	6	1
Case 94	13	91,551,549	93,334,506	5	0	5	1
Case 94	13	93,354,092	93,589,384	6	0	6	1
Case 94	13	93,591,750	96,830,749	5	0	5	1
Case 94	13	96,845,557	97,463,114	6	0	6	1
Case 94	13	97,465,425	104,373,617	5	0	5	1
Case 94	13	104,375,959	104,770,851	6	0	6	1
Case 94	13	104,772,962	105,516,382	5	0	5	1
Case 94	13	105,521,506	105,648,604	6	0	6	1
Case 94	13	105,655,752	107,904,667	5	0	5	1
Case 94	13	107,906,038	108,484,454	6	0	6	1
Case 94	13	108,488,023	114,107,733	5	0	5	1
Case 94	13	114,109,382	114,513,674	4	0	4	1
Case 94	13	114,513,969	115,103,529	5	0	5	1
Case 94	14	19,280,733	20,482,613	3	1	4	0
Case 94	14	20,482,835	20,502,779	2	2	4	0
Case 94	14	20,502,866	20,820,404	3	2	5	0
Case 94	14	20,822,256	22,051,519	2	2	4	0
Case 94	14	22,053,340	23,011,465	3	2	5	0
Case 94	14	23,012,544	24,135,983	2	2	4	0
Case 94	14	24,136,629	24,395,483	3	2	5	0
Case 94	14	24,395,730	25,265,236	2	2	4	0
Case 94	14	25,265,961	26,593,991	3	2	5	0
Case 94	14	26,594,381	28,114,641	2	2	4	0
Case 94	14	28,115,542	28,733,630	3	2	5	0
Case 94	14	28,737,460	30,314,159	2	2	4	0
Case 94	14	30,327,482	36,725,221	3	2	5	0
Case 94	14	36,728,531	42,625,616	3	1	4	0
Case 94	14	42,634,072	43,365,102	1	1	2	0
Case 94	14	43,367,412	43,763,264	3	1	4	0
Case 94	14	43,773,651	44,039,374	1	1	2	0
Case 94	14	44,055,539	56,969,118	3	1	4	0
Case 94	14	56,972,072	70,401,814	1	1	2	0
Case 94	14	70,404,445	70,672,989	2	1	3	0
Case 94	14	70,676,661	81,949,014	1	1	2	0
Case 94	14	81,950,631	81,995,306	2	1	3	0
Case 94	14	81,999,317	82,075,469	1	1	2	0
Case 94	14	82,086,207	84,699,866	3	1	4	0

Case 94	14	84,702,576	86,972,015	3	2	5	0
Case 94	14	86,977,841	88,774,846	2	2	4	0
Case 94	14	88,774,886	89,335,613	3	2	5	0
Case 94	14	89,337,336	89,865,924	2	2	4	0
Case 94	14	89,867,481	90,359,561	3	2	5	0
Case 94	14	90,369,749	91,885,706	2	2	4	0
Case 94	14	91,886,691	92,959,216	3	2	5	0
Case 94	14	92,959,857	96,437,396	2	2	4	0
Case 94	14	96,444,081	96,660,336	3	2	5	0
Case 94	14	96,661,993	100,360,262	2	2	4	0
Case 94	14	100,363,561	100,571,845	3	2	5	0
Case 94	14	100,572,954	103,111,358	2	2	4	0
Case 94	14	103,111,823	104,630,711	2	1	3	0
Case 94	14	104,632,699	106,094,360	2	2	4	0
Case 94	14	106,103,358	107,287,663	2	1	3	0
Case 94	15	20,034,919	22,382,893	2	0	2	1
Case 94	15	22,383,188	32,443,813	3	0	3	1
Case 94	15	32,509,892	32,917,689	3	1	4	0
Case 94	15	32,917,691	81,006,170	3	0	3	1
Case 94	15	81,010,115	81,143,074	5	0	5	1
Case 94	15	81,151,809	102,461,162	3	0	3	1
Case 94	16	88,165	575,312	2	2	4	0
Case 94	16	576,495	1,561,126	2	1	3	0
Case 94	16	1,564,823	1,709,945	2	2	4	0
Case 94	16	1,710,001	2,653,657	2	1	3	0
Case 94	16	2,699,304	2,753,180	4	1	5	0
Case 94	16	2,753,617	2,836,651	2	1	3	0
Case 94	16	2,848,610	3,487,431	2	2	4	0
Case 94	16	3,487,500	3,647,608	2	1	3	0
Case 94	16	3,647,621	4,383,398	2	2	4	0
Case 94	16	4,383,414	4,834,069	2	1	3	0
Case 94	16	4,837,509	10,979,440	2	2	4	0
Case 94	16	10,989,612	11,017,111	2	1	3	0
Case 94	16	11,018,622	26,054,595	2	2	4	0
Case 94	16	26,066,489	26,784,714	3	2	5	0
Case 94	16	26,786,951	27,393,591	3	1	4	0
Case 94	16	27,397,998	31,575,186	2	2	4	0
Case 94	16	31,580,272	31,765,105	3	2	5	0
Case 94	16	31,765,220	33,557,021	3	1	4	0
Case 94	16	33,836,510	35,285,582	2	1	3	0
Case 94	16	46,450,037	78,487,924	2	1	3	0
Case 94	16	78,491,313	78,863,813	1	0	1	0
Case 94	16	78,864,699	78,867,839	2	1	3	0
Case 94	16	78,869,317	79,074,029	1	1	2	0
Case 94	16	79,075,311	90,274,695	2	1	3	0
Case 94	17	11,885	7,188,423	3	0	3	1
Case 94	17	7,188,459	8,040,294	4	0	4	1
Case 94	17	8,043,753	8,243,371	3	0	3	1
Case 94	17	8,243,404	9,586,221	4	0	4	1
Case 94	17	9,590,319	10,298,628	3	0	3	1
Case 94	17	10,299,899	12,439,686	2	0	2	1
Case 94	17	12,449,192	12,883,013	3	0	3	1
Case 94	17	12,887,379	13,565,898	2	0	2	1
Case 94	17	13,567,081	13,678,835	2	1	3	0
Case 94	17	13,681,058	14,619,091	2	0	2	1
Case 94	17	14,619,256	15,565,952	3	0	3	1
Case 94	17	15,574,117	16,229,232	2	0	2	1
Case 94	17	16,238,203	17,075,759	4	0	4	1
Case 94	17	17,076,092	17,544,704	3	0	3	1
Case 94	17	17,561,094	17,884,660	2	0	2	1
Case 94	17	17,887,186	18,045,098	3	0	3	1

Case 94	17	18,046,074	19,843,127	2	0	2	1
Case 94	17	19,848,450	22,242,355	2	1	3	0
Case 94	17	25,268,142	34,436,708	2	1	3	0
Case 94	17	34,443,811	34,468,886	4	1	5	0
Case 94	17	34,476,396	36,898,393	2	1	3	0
Case 94	17	36,899,045	40,262,917	3	1	4	0
Case 94	17	40,263,400	81,060,040	2	1	3	0
Case 94	18	87,505	347,128	2	1	3	0
Case 94	18	348,145	6,287,726	2	2	4	0
Case 94	18	6,293,561	7,944,247	2	1	3	0
Case 94	18	7,944,381	15,375,878	2	2	4	0
Case 94	18	18,520,354	39,488,062	2	2	4	0
Case 94	18	39,492,129	71,072,228	2	1	3	0
Case 94	18	71,074,190	71,080,360	1	0	1	0
Case 94	18	71,080,482	78,015,180	2	1	3	0
Case 94	19	260,912	1,046,520	2	1	3	0
Case 94	19	1,047,016	1,054,324	1	1	2	0
Case 94	19	1,054,326	21,105,097	2	1	3	0
Case 94	19	21,107,489	21,720,803	1	1	2	0
Case 94	19	21,740,058	24,629,285	2	1	3	0
Case 94	19	27,732,159	27,928,613	2	1	3	0
Case 94	19	27,960,006	29,996,879	3	2	5	0
Case 94	19	29,996,906	32,011,548	3	1	4	0
Case 94	19	32,012,510	34,712,618	3	2	5	0
Case 94	19	34,718,735	34,904,702	2	2	4	0
Case 94	19	34,904,953	35,434,582	3	2	5	0
Case 94	19	35,434,648	44,223,536	3	1	4	0
Case 94	19	44,223,621	44,263,486	2	2	4	0
Case 94	19	44,263,766	44,979,443	3	2	5	0
Case 94	19	44,980,752	59,097,160	3	1	4	0
Case 94	20	63,244	6,740,089	4	1	5	0
Case 94	20	6,740,317	7,085,280	4	2	6	0
Case 94	20	7,092,386	7,929,520	4	1	5	0
Case 94	20	7,942,754	8,547,958	4	2	6	0
Case 94	20	8,551,344	9,459,927	5	1	6	0
Case 94	20	9,462,537	10,727,013	4	1	5	0
Case 94	20	10,730,032	12,250,349	4	2	6	0
Case 94	20	12,250,398	12,790,887	4	1	5	0
Case 94	20	12,794,193	13,079,469	5	1	6	0
Case 94	20	13,082,281	14,822,794	4	1	5	0
Case 94	20	14,823,472	14,908,741	2	0	2	1
Case 94	20	14,910,258	15,207,464	1	0	1	0
Case 94	20	15,210,624	15,305,258	2	0	2	1
Case 94	20	15,305,341	15,341,045	3	1	4	0
Case 94	20	15,342,012	16,153,510	5	1	6	0
Case 94	20	16,156,745	16,582,448	4	1	5	0
Case 94	20	16,585,314	17,473,671	5	1	6	0
Case 94	20	17,474,690	17,807,984	4	1	5	0
Case 94	20	17,809,298	18,513,350	5	1	6	0
Case 94	20	18,513,372	19,618,037	4	1	5	0
Case 94	20	19,624,373	20,030,870	5	1	6	0
Case 94	20	20,031,667	21,231,919	4	1	5	0
Case 94	20	21,233,553	22,964,954	5	1	6	0
Case 94	20	22,966,362	26,293,985	4	1	5	0
Case 94	20	29,425,357	35,545,171	4	1	5	0
Case 94	20	35,545,175	35,796,541	5	1	6	0
Case 94	20	35,796,575	37,943,619	4	1	5	0
Case 94	20	37,945,267	39,414,924	5	1	6	0
Case 94	20	39,415,122	45,989,369	4	1	5	0
Case 94	20	46,000,938	46,264,796	5	1	6	0
Case 94	20	46,264,805	50,781,235	4	1	5	0

Case 94	20	50,781,298	51,649,730	5	1	6	0
Case 94	20	51,649,948	52,384,363	4	1	5	0
Case 94	20	52,384,747	54,574,544	5	1	6	0
Case 94	20	54,577,556	56,531,238	4	1	5	0
Case 94	20	56,531,905	56,984,094	5	1	6	0
Case 94	20	56,992,230	58,413,101	4	1	5	0
Case 94	20	58,416,428	58,514,445	5	1	6	0
Case 94	20	58,514,466	62,948,788	4	1	5	0
Case 94	21	10,827,533	10,971,337	2	1	3	0
Case 94	21	14,368,320	14,779,379	1	0	1	0
Case 94	21	14,795,475	15,514,013	2	0	2	1
Case 94	21	15,515,843	16,287,889	1	0	1	0
Case 94	21	16,295,354	18,381,340	2	0	2	1
Case 94	21	18,381,801	18,900,044	3	0	3	1
Case 94	21	18,901,969	20,595,409	2	0	2	1
Case 94	21	20,604,811	21,232,841	1	0	1	0
Case 94	21	21,240,976	30,925,949	2	0	2	1
Case 94	21	30,925,976	31,062,501	3	0	3	1
Case 94	21	31,073,435	34,059,352	2	0	2	1
Case 94	21	34,086,304	37,416,208	3	0	3	1
Case 94	21	37,416,230	37,836,711	2	0	2	1
Case 94	21	37,837,930	38,428,649	3	0	3	1
Case 94	21	38,429,389	40,492,274	2	0	2	1
Case 94	21	40,492,859	40,669,083	1	0	1	0
Case 94	21	40,669,305	40,778,305	2	0	2	1
Case 94	21	40,780,560	40,847,614	1	0	1	0
Case 94	21	40,848,174	41,460,146	2	0	2	1
Case 94	21	41,460,412	41,804,859	1	0	1	0
Case 94	21	41,813,285	44,781,356	2	0	2	1
Case 94	21	44,783,399	45,149,133	1	0	1	0
Case 94	21	45,151,874	45,679,399	2	0	2	1
Case 94	21	45,679,565	45,708,288	1	0	1	0
Case 94	21	45,709,153	46,023,713	2	0	2	1
Case 94	21	46,028,252	46,115,163	1	0	1	0
Case 94	21	46,116,223	46,538,491	2	0	2	1
Case 94	21	46,539,725	46,646,546	1	0	1	0
Case 94	21	46,647,078	46,809,884	2	0	2	1
Case 94	21	46,814,171	46,956,571	1	0	1	0
Case 94	21	46,957,695	47,373,412	2	0	2	1
Case 94	21	47,376,659	47,766,883	1	0	1	0
Case 94	21	47,766,895	47,805,891	2	0	2	1
Case 94	21	47,808,673	47,954,567	1	0	1	0
Case 94	21	47,954,727	48,100,155	2	0	2	1
Case 94	22	16,114,244	17,436,762	3	1	4	0
Case 94	22	17,436,846	45,059,248	2	1	3	0
Case 94	22	45,063,743	45,258,333	3	1	4	0
Case 94	22	45,258,344	45,569,845	2	1	3	0
Case 94	22	45,573,450	45,821,887	3	1	4	0
Case 94	22	45,821,909	51,195,728	2	1	3	0
Case 95	1	82,154	1,005,806	2	0	2	1
Case 95	1	1,017,197	1,275,797	2	1	3	0
Case 95	1	1,275,804	1,745,726	2	2	4	0
Case 95	1	1,756,864	6,305,557	2	1	3	0
Case 95	1	6,306,912	6,501,796	3	1	4	0
Case 95	1	6,504,575	12,725,971	2	1	3	0
Case 95	1	12,725,976	13,885,203	3	1	4	0
Case 95	1	13,885,279	14,198,107	2	1	3	0
Case 95	1	14,198,401	14,354,311	3	1	4	0
Case 95	1	14,358,424	14,507,057	2	1	3	0
Case 95	1	14,507,542	15,792,586	3	1	4	0
Case 95	1	15,793,924	16,134,072	2	1	3	0

Case 95	1	16,142,960	16,345,735	2	2	4	0
Case 95	1	16,346,507	17,004,186	2	1	3	0
Case 95	1	17,004,850	17,588,162	3	1	4	0
Case 95	1	17,588,646	17,668,563	2	1	3	0
Case 95	1	17,668,609	18,044,374	3	1	4	0
Case 95	1	18,046,287	20,141,465	3	0	3	1
Case 95	1	20,141,528	20,664,227	4	0	4	1
Case 95	1	20,664,303	24,246,872	3	0	3	1
Case 95	1	24,256,932	24,625,549	4	0	4	1
Case 95	1	24,633,812	29,149,361	3	0	3	1
Case 95	1	29,151,183	29,438,907	4	0	4	1
Case 95	1	29,443,723	31,471,702	3	0	3	1
Case 95	1	31,490,614	32,265,054	4	0	4	1
Case 95	1	32,265,676	36,474,632	3	0	3	1
Case 95	1	36,479,642	36,488,199	4	0	4	1
Case 95	1	36,492,651	36,749,925	3	2	5	0
Case 95	1	36,752,410	46,633,874	3	0	3	1
Case 95	1	46,635,209	46,736,157	4	0	4	1
Case 95	1	46,736,339	46,830,447	3	0	3	1
Case 95	1	46,834,775	53,633,248	2	0	2	1
Case 95	1	53,641,911	54,154,726	3	0	3	1
Case 95	1	54,163,854	64,129,393	2	0	2	1
Case 95	1	64,137,298	64,221,188	3	0	3	1
Case 95	1	64,221,794	68,876,172	2	0	2	1
Case 95	1	68,881,919	69,237,446	1	0	1	0
Case 95	1	69,239,442	70,084,699	2	0	2	1
Case 95	1	70,084,797	72,222,487	1	0	1	0
Case 95	1	72,234,070	81,096,254	2	0	2	1
Case 95	1	81,107,836	82,225,803	1	0	1	0
Case 95	1	82,228,427	88,402,963	2	0	2	1
Case 95	1	88,410,277	88,866,145	3	0	3	1
Case 95	1	88,868,236	93,895,801	2	0	2	1
Case 95	1	93,897,624	94,250,201	3	0	3	1
Case 95	1	94,272,119	98,245,622	2	0	2	1
Case 95	1	98,245,741	98,309,733	1	0	1	0
Case 95	1	98,314,655	102,717,010	2	0	2	1
Case 95	1	102,726,399	104,297,239	1	0	1	0
Case 95	1	104,309,132	106,945,362	0	0	0	0
Case 95	1	106,948,136	107,160,841	1	0	1	0
Case 95	1	107,162,694	107,927,163	2	0	2	1
Case 95	1	107,927,932	108,313,258	3	0	3	1
Case 95	1	108,315,137	110,357,536	2	0	2	1
Case 95	1	110,359,882	110,759,796	3	0	3	1
Case 95	1	110,760,189	117,234,297	2	0	2	1
Case 95	1	117,236,379	117,376,448	2	1	3	0
Case 95	1	117,384,443	117,617,973	2	2	4	0
Case 95	1	117,618,024	117,737,486	2	1	3	0
Case 95	1	117,738,637	120,438,488	2	2	4	0
Case 95	1	120,438,577	121,346,616	2	1	3	0
Case 95	1	142,649,718	145,021,126	2	1	3	0
Case 95	1	145,075,809	152,275,453	2	2	4	0
Case 95	1	152,275,523	152,286,487	2	1	3	0
Case 95	1	152,286,592	155,713,650	2	2	4	0
Case 95	1	155,723,008	155,951,502	2	1	3	0
Case 95	1	155,978,725	156,696,974	2	2	4	0
Case 95	1	156,697,056	157,005,154	2	1	3	0
Case 95	1	157,006,976	157,961,861	2	2	4	0
Case 95	1	157,962,973	160,408,563	2	1	3	0
Case 95	1	160,409,987	160,846,284	2	2	4	0
Case 95	1	160,846,458	161,681,848	2	1	3	0
Case 95	1	161,681,869	163,836,535	2	2	4	0



Case 95	1	163,836,720	164,603,526	2	1	3	0
Case 95	1	164,603,902	165,107,381	2	2	4	0
Case 95	1	165,111,242	166,334,060	2	1	3	0
Case 95	1	166,336,254	166,882,737	2	2	4	0
Case 95	1	166,885,604	168,566,850	2	1	3	0
Case 95	1	168,568,911	168,907,616	2	2	4	0
Case 95	1	168,907,899	169,583,996	2	1	3	0
Case 95	1	169,584,545	169,692,522	2	2	4	0
Case 95	1	169,694,695	170,379,773	2	1	3	0
Case 95	1	170,380,480	170,928,671	2	2	4	0
Case 95	1	170,928,730	171,082,759	2	1	3	0
Case 95	1	171,082,896	171,172,147	2	2	4	0
Case 95	1	171,172,780	171,765,964	2	1	3	0
Case 95	1	171,766,352	172,146,648	3	1	4	0
Case 95	1	172,153,224	172,417,598	2	1	3	0
Case 95	1	172,419,651	172,613,241	2	2	4	0
Case 95	1	172,615,395	175,444,672	2	1	3	0
Case 95	1	175,444,933	175,585,312	2	2	4	0
Case 95	1	175,585,503	177,433,277	2	1	3	0
Case 95	1	177,434,054	177,842,162	2	2	4	0
Case 95	1	177,843,620	180,010,349	2	1	3	0
Case 95	1	180,010,837	180,393,514	3	1	4	0
Case 95	1	180,394,157	181,296,409	2	1	3	0
Case 95	1	181,299,951	181,674,891	2	2	4	0
Case 95	1	181,686,216	182,042,119	2	1	3	0
Case 95	1	182,053,214	182,185,360	2	2	4	0
Case 95	1	182,200,659	182,474,029	2	1	3	0
Case 95	1	182,474,160	183,061,890	2	2	4	0
Case 95	1	183,071,024	183,260,894	2	1	3	0
Case 95	1	183,263,356	199,018,143	2	2	4	0
Case 95	1	199,019,492	199,265,270	3	2	5	0
Case 95	1	199,266,874	200,728,818	3	1	4	0
Case 95	1	200,750,576	201,085,996	1	1	2	0
Case 95	1	201,088,889	201,437,568	2	1	3	0
Case 95	1	201,437,730	202,100,239	1	1	2	0
Case 95	1	202,104,282	202,252,752	2	1	3	0
Case 95	1	202,266,547	203,468,932	1	1	2	0
Case 95	1	203,472,112	203,747,752	2	1	3	0
Case 95	1	203,749,270	214,324,877	1	1	2	0
Case 95	1	214,332,987	216,214,996	2	1	3	0
Case 95	1	216,215,741	226,044,766	1	1	2	0
Case 95	1	226,046,964	234,600,919	2	1	3	0
Case 95	1	234,601,414	234,806,995	3	1	4	0
Case 95	1	234,808,507	235,152,757	3	2	5	0
Case 95	1	235,185,285	237,886,146	2	1	3	0
Case 95	1	237,896,307	239,713,659	2	2	4	0
Case 95	1	239,714,774	241,576,302	2	1	3	0
Case 95	1	241,577,094	242,035,430	2	2	4	0
Case 95	1	242,035,433	242,694,809	2	1	3	0
Case 95	1	242,695,639	242,765,639	2	2	4	0
Case 95	1	242,767,005	243,644,497	2	1	3	0
Case 95	1	243,647,497	244,161,728	2	2	4	0
Case 95	1	244,161,982	246,347,153	2	1	3	0
Case 95	1	246,349,328	246,495,633	1	1	2	0
Case 95	1	246,512,218	246,854,862	3	1	4	0
Case 95	1	246,859,182	248,012,296	2	1	3	0
Case 95	1	248,014,871	248,079,963	1	1	2	0
Case 95	1	248,082,848	249,218,992	2	1	3	0
Case 95	2	18,674	10,330,025	1	1	2	0
Case 95	2	10,332,539	10,393,038	2	1	3	0
Case 95	2	10,394,082	11,702,960	1	1	2	0

Case 95	2	11,706,672	12,083,477	2	1	3	0
Case 95	2	12,084,726	26,053,166	1	1	2	0
Case 95	2	26,075,213	26,798,961	2	1	3	0
Case 95	2	26,798,967	27,258,251	3	1	4	0
Case 95	2	27,259,421	27,907,473	2	1	3	0
Case 95	2	27,907,918	28,098,724	3	1	4	0
Case 95	2	28,113,157	28,498,321	2	1	3	0
Case 95	2	28,510,347	28,712,734	2	2	4	0
Case 95	2	28,713,416	28,764,572	2	1	3	0
Case 95	2	28,764,604	28,833,479	3	1	4	0
Case 95	2	28,836,285	32,640,782	2	1	3	0
Case 95	2	32,641,040	32,891,833	1	1	2	0
Case 95	2	32,897,055	42,900,991	2	1	3	0
Case 95	2	42,903,494	43,361,256	3	1	4	0
Case 95	2	43,362,380	47,602,434	2	1	3	0
Case 95	2	47,604,154	47,763,019	2	2	4	0
Case 95	2	47,763,895	69,503,332	2	1	3	0
Case 95	2	69,513,030	69,936,635	3	1	4	0
Case 95	2	69,939,841	74,802,217	2	1	3	0
Case 95	2	74,803,613	75,125,907	2	2	4	0
Case 95	2	75,128,656	79,472,697	2	1	3	0
Case 95	2	79,476,674	79,966,298	1	1	2	0
Case 95	2	79,968,075	85,405,262	2	1	3	0
Case 95	2	85,408,298	85,420,124	3	0	3	1
Case 95	2	85,420,870	85,876,681	4	0	4	1
Case 95	2	85,877,081	92,081,640	2	1	3	0
Case 95	2	95,429,424	102,412,586	2	1	3	0
Case 95	2	102,415,252	102,749,240	3	1	4	0
Case 95	2	102,757,216	105,915,058	2	1	3	0
Case 95	2	105,918,939	106,032,291	2	2	4	0
Case 95	2	106,034,305	108,631,729	2	1	3	0
Case 95	2	108,640,313	109,233,079	3	1	4	0
Case 95	2	109,237,865	113,495,785	2	1	3	0
Case 95	2	113,496,452	113,590,467	3	1	4	0
Case 95	2	113,591,275	128,783,825	2	1	3	0
Case 95	2	128,801,224	129,126,942	3	1	4	0
Case 95	2	129,128,066	142,032,671	2	1	3	0
Case 95	2	142,035,286	142,088,764	1	1	2	0
Case 95	2	142,092,565	165,567,695	2	1	3	0
Case 95	2	165,568,585	165,890,733	2	2	4	0
Case 95	2	165,902,214	213,824,781	2	1	3	0
Case 95	2	213,825,327	214,117,303	1	1	2	0
Case 95	2	214,117,958	214,417,111	2	1	3	0
Case 95	2	214,451,568	215,014,212	1	1	2	0
Case 95	2	215,019,834	243,048,760	2	1	3	0
Case 95	3	61,495	182,674	3	0	3	1
Case 95	3	185,281	877,099	4	0	4	1
Case 95	3	880,532	6,673,106	3	0	3	1
Case 95	3	6,675,541	9,882,275	4	0	4	1
Case 95	3	9,882,473	10,212,494	3	0	3	1
Case 95	3	10,215,950	10,975,849	4	0	4	1
Case 95	3	10,975,851	11,669,322	3	0	3	1
Case 95	3	11,670,573	11,714,521	4	0	4	1
Case 95	3	11,714,890	11,860,940	3	0	3	1
Case 95	3	11,861,966	12,451,337	4	0	4	1
Case 95	3	12,451,593	12,749,130	3	0	3	1
Case 95	3	12,763,841	12,830,079	4	0	4	1
Case 95	3	12,836,792	13,093,188	3	0	3	1
Case 95	3	13,095,532	14,659,515	4	0	4	1
Case 95	3	14,661,876	14,661,876	2	0	2	1
Case 95	3	14,665,333	14,829,349	5	0	5	1

Case 95	3	14,830,469	14,837,473	2	0	2	1
Case 95	3	14,841,602	15,565,683	4	0	4	1
Case 95	3	15,589,591	16,381,111	3	0	3	1
Case 95	3	16,385,395	36,817,025	4	0	4	1
Case 95	3	36,825,139	37,067,255	3	0	3	1
Case 95	3	37,067,306	37,089,011	4	0	4	1
Case 95	3	37,089,098	37,520,793	3	3	6	0
Case 95	3	37,521,988	37,639,213	3	0	3	1
Case 95	3	37,641,584	38,342,864	4	0	4	1
Case 95	3	38,346,534	38,656,033	3	0	3	1
Case 95	3	38,657,899	39,142,562	4	0	4	1
Case 95	3	39,142,568	42,647,115	3	0	3	1
Case 95	3	42,652,674	43,038,237	4	0	4	1
Case 95	3	43,048,159	45,623,541	3	0	3	1
Case 95	3	45,623,809	46,304,606	2	0	2	1
Case 95	3	46,306,642	46,755,773	3	0	3	1
Case 95	3	46,755,841	47,033,125	2	0	2	1
Case 95	3	47,036,565	47,036,756	0	0	0	0
Case 95	3	47,036,825	48,407,462	2	0	2	1
Case 95	3	48,410,374	48,559,436	3	0	3	1
Case 95	3	48,561,003	49,641,049	2	0	2	1
Case 95	3	49,656,789	49,698,130	1	0	1	0
Case 95	3	49,698,316	49,731,861	2	0	2	1
Case 95	3	49,735,541	49,756,129	1	0	1	0
Case 95	3	49,756,304	49,792,023	2	0	2	1
Case 95	3	49,831,032	49,940,207	1	0	1	0
Case 95	3	49,940,238	50,114,450	2	0	2	1
Case 95	3	50,123,417	50,655,190	3	0	3	1
Case 95	3	50,657,826	51,968,725	1	0	1	0
Case 95	3	51,968,775	51,981,894	2	0	2	1
Case 95	3	51,982,251	52,391,993	1	0	1	0
Case 95	3	52,392,595	52,522,297	2	0	2	1
Case 95	3	52,522,591	52,556,651	1	0	1	0
Case 95	3	52,557,059	52,597,433	2	0	2	1
Case 95	3	52,607,288	52,799,944	1	0	1	0
Case 95	3	52,800,284	52,936,763	2	0	2	1
Case 95	3	52,937,774	53,126,016	1	0	1	0
Case 95	3	53,126,443	53,286,688	2	0	2	1
Case 95	3	53,289,527	53,610,101	1	0	1	0
Case 95	3	53,614,484	54,243,646	2	0	2	1
Case 95	3	54,245,774	55,261,956	1	0	1	0
Case 95	3	55,262,928	55,274,426	2	0	2	1
Case 95	3	55,274,566	55,918,352	1	0	1	0
Case 95	3	55,922,456	55,969,858	2	0	2	1
Case 95	3	55,976,133	58,512,375	1	0	1	0
Case 95	3	58,512,384	58,520,737	2	0	2	1
Case 95	3	58,520,859	59,452,272	1	0	1	0
Case 95	3	59,452,332	59,737,969	2	0	2	1
Case 95	3	59,737,975	60,305,117	1	0	1	0
Case 95	3	60,306,891	60,506,349	0	0	0	0
Case 95	3	60,511,133	63,580,540	1	0	1	0
Case 95	3	63,583,133	63,792,326	2	0	2	1
Case 95	3	63,813,654	64,501,698	1	0	1	0
Case 95	3	64,505,542	65,077,476	2	0	2	1
Case 95	3	65,077,900	65,286,403	1	0	1	0
Case 95	3	65,289,469	65,376,819	2	0	2	1
Case 95	3	65,376,936	66,419,502	1	0	1	0
Case 95	3	66,419,956	66,823,237	2	0	2	1
Case 95	3	66,833,437	70,973,305	1	0	1	0
Case 95	3	70,976,765	71,095,829	2	0	2	1
Case 95	3	71,096,114	71,670,465	1	0	1	0

Case 95	3	71,672,306	72,210,171	2	0	2	1
Case 95	3	72,210,920	72,629,854	1	0	1	0
Case 95	3	72,635,104	72,682,319	2	0	2	1
Case 95	3	72,683,651	73,572,544	1	0	1	0
Case 95	3	73,573,216	73,883,107	2	0	2	1
Case 95	3	73,887,678	75,209,574	1	0	1	0
Case 95	3	75,222,937	75,561,341	2	0	2	1
Case 95	3	75,605,157	85,570,561	1	0	1	0
Case 95	3	85,577,752	86,654,296	2	0	2	1
Case 95	3	86,654,664	89,270,738	1	0	1	0
Case 95	3	89,271,087	89,675,870	2	0	2	1
Case 95	3	89,686,064	90,442,925	1	0	1	0
Case 95	3	93,537,290	95,177,386	2	1	3	0
Case 95	3	95,186,258	95,186,258	3	1	4	0
Case 95	3	95,225,762	95,625,994	3	2	5	0
Case 95	3	95,633,649	119,822,335	2	1	3	0
Case 95	3	119,824,037	120,152,222	3	1	4	0
Case 95	3	120,154,181	122,894,253	2	1	3	0
Case 95	3	122,894,688	123,229,780	3	1	4	0
Case 95	3	123,232,693	128,242,205	2	1	3	0
Case 95	3	128,243,631	128,532,174	3	1	4	0
Case 95	3	128,532,471	128,908,494	1	1	2	0
Case 95	3	128,915,591	172,202,999	2	1	3	0
Case 95	3	172,206,961	172,314,227	3	1	4	0
Case 95	3	172,314,679	174,131,106	2	1	3	0
Case 95	3	174,136,298	174,231,077	2	0	2	1
Case 95	3	174,241,461	193,363,535	2	1	3	0
Case 95	3	193,365,544	193,809,078	2	2	4	0
Case 95	3	193,811,162	194,238,889	2	1	3	0
Case 95	3	194,244,722	195,192,088	1	1	2	0
Case 95	3	195,238,559	195,515,996	1	0	1	0
Case 95	3	195,516,305	195,518,330	2	0	2	1
Case 95	3	195,519,857	196,767,854	1	0	1	0
Case 95	3	196,769,797	196,792,663	2	1	3	0
Case 95	3	196,793,858	197,838,262	1	0	1	0
Case 95	4	71,566	75,174	2	1	3	0
Case 95	4	85,422	473,952	2	2	4	0
Case 95	4	492,129	628,493	2	1	3	0
Case 95	4	628,589	860,768	2	2	4	0
Case 95	4	860,986	1,635,312	2	1	3	0
Case 95	4	1,641,578	1,737,468	2	2	4	0
Case 95	4	1,737,502	1,818,625	4	1	5	0
Case 95	4	1,821,141	1,994,985	2	2	4	0
Case 95	4	2,054,373	2,734,859	2	1	3	0
Case 95	4	2,743,983	3,109,012	2	2	4	0
Case 95	4	3,109,095	3,780,072	3	1	4	0
Case 95	4	3,787,202	4,638,578	2	1	3	0
Case 95	4	4,645,158	5,461,058	3	1	4	0
Case 95	4	5,461,848	6,086,752	2	1	3	0
Case 95	4	6,088,956	6,259,236	3	1	4	0
Case 95	4	6,261,776	32,953,000	2	1	3	0
Case 95	4	32,958,989	33,745,441	2	2	4	0
Case 95	4	33,747,424	34,348,739	2	1	3	0
Case 95	4	34,356,554	44,964,929	1	1	2	0
Case 95	4	44,976,703	45,995,759	1	0	1	0
Case 95	4	46,025,913	46,734,901	1	1	2	0
Case 95	4	46,737,040	46,929,104	1	0	1	0
Case 95	4	46,930,390	47,109,360	1	1	2	0
Case 95	4	47,132,261	47,739,293	1	0	1	0
Case 95	4	47,742,275	49,553,810	1	1	2	0
Case 95	4	49,617,483	49,620,898	2	1	3	0

Case 95	4	52,697,856	53,965,247	2	1	3	0
Case 95	4	53,980,677	55,011,123	1	1	2	0
Case 95	4	55,016,097	57,892,643	2	1	3	0
Case 95	4	57,897,491	83,115,904	1	1	2	0
Case 95	4	83,130,688	83,576,973	2	1	3	0
Case 95	4	83,582,064	100,194,977	1	1	2	0
Case 95	4	100,195,815	100,444,684	2	1	3	0
Case 95	4	100,451,051	169,828,862	1	1	2	0
Case 95	4	169,835,150	170,145,050	2	1	3	0
Case 95	4	170,146,632	185,227,184	1	1	2	0
Case 95	4	185,234,505	185,234,505	2	0	2	1
Case 95	4	185,238,400	185,273,483	5	0	5	1
Case 95	4	185,278,885	185,280,853	2	1	3	0
Case 95	4	185,284,684	190,963,766	1	1	2	0
Case 95	5	38,139	314,935	2	1	3	0
Case 95	5	336,952	464,477	3	1	4	0
Case 95	5	475,076	14,538,192	2	1	3	0
Case 95	5	14,539,821	14,621,711	3	1	4	0
Case 95	5	14,628,180	32,724,806	2	1	3	0
Case 95	5	32,724,875	32,733,968	2	2	4	0
Case 95	5	32,734,327	33,011,986	4	1	5	0
Case 95	5	33,017,254	33,223,220	2	2	4	0
Case 95	5	33,223,956	34,123,933	3	1	4	0
Case 95	5	34,166,261	34,559,175	2	1	3	0
Case 95	5	34,564,835	34,845,722	2	2	4	0
Case 95	5	34,845,748	35,089,765	2	1	3	0
Case 95	5	35,091,622	35,910,419	2	2	4	0
Case 95	5	35,910,529	36,049,244	2	1	3	0
Case 95	5	36,049,416	36,926,756	2	2	4	0
Case 95	5	36,927,652	39,087,074	2	1	3	0
Case 95	5	39,098,803	39,210,719	2	2	4	0
Case 95	5	39,211,189	39,898,872	2	1	3	0
Case 95	5	39,907,157	40,287,885	2	2	4	0
Case 95	5	40,288,878	41,018,868	2	1	3	0
Case 95	5	41,019,002	41,070,247	2	2	4	0
Case 95	5	41,070,840	41,161,919	2	1	3	0
Case 95	5	41,167,574	42,523,172	2	2	4	0
Case 95	5	42,547,255	43,562,931	3	1	4	0
Case 95	5	43,577,190	43,619,171	2	1	3	0
Case 95	5	43,628,052	44,442,578	2	2	4	0
Case 95	5	44,447,093	45,998,686	2	1	3	0
Case 95	5	46,019,244	46,399,093	1	0	1	0
Case 95	5	49,457,282	51,724,318	1	0	1	0
Case 95	5	51,733,627	52,141,943	1	1	2	0
Case 95	5	52,153,066	52,752,242	3	1	4	0
Case 95	5	52,755,604	54,275,243	1	0	1	0
Case 95	5	54,277,826	54,424,263	2	0	2	1
Case 95	5	54,424,296	56,988,506	1	0	1	0
Case 95	5	57,004,423	58,197,893	3	1	4	0
Case 95	5	58,201,950	58,446,582	1	0	1	0
Case 95	5	58,448,733	59,064,277	2	0	2	1
Case 95	5	59,073,475	59,311,463	0	0	0	0
Case 95	5	59,322,616	60,800,336	1	0	1	0
Case 95	5	60,806,765	61,161,048	2	0	2	1
Case 95	5	61,165,626	64,858,380	1	0	1	0
Case 95	5	64,859,234	72,573,021	1	1	2	0
Case 95	5	72,578,131	72,815,787	2	1	3	0
Case 95	5	72,818,878	72,954,453	3	1	4	0
Case 95	5	72,979,253	74,965,122	1	1	2	0
Case 95	5	74,967,386	75,034,387	1	0	1	0
Case 95	5	75,040,180	75,230,527	2	0	2	1

Case 95	5	75,235,544	75,445,925	1	0	1	0
Case 95	5	75,446,430	75,515,187	2	0	2	1
Case 95	5	75,518,746	76,701,739	1	0	1	0
Case 95	5	76,703,226	76,722,443	2	0	2	1
Case 95	5	76,722,816	77,684,726	1	0	1	0
Case 95	5	77,711,356	78,268,128	2	0	2	1
Case 95	5	78,268,889	79,030,638	1	0	1	0
Case 95	5	79,030,797	79,039,740	2	0	2	1
Case 95	5	79,041,057	79,627,154	1	0	1	0
Case 95	5	79,630,844	81,946,255	1	1	2	0
Case 95	5	81,951,284	82,422,643	2	1	3	0
Case 95	5	82,436,811	82,824,115	1	1	2	0
Case 95	5	82,826,254	83,629,549	2	1	3	0
Case 95	5	83,632,691	84,242,662	1	1	2	0
Case 95	5	84,248,966	89,979,523	1	0	1	0
Case 95	5	89,979,568	89,985,795	2	0	2	1
Case 95	5	89,985,882	95,685,235	1	0	1	0
Case 95	5	95,705,529	95,965,857	2	0	2	1
Case 95	5	95,969,322	101,959,192	1	0	1	0
Case 95	5	101,979,155	102,326,054	2	0	2	1
Case 95	5	102,328,190	112,458,479	1	0	1	0
Case 95	5	112,458,489	112,635,794	2	0	2	1
Case 95	5	112,641,650	115,788,104	1	0	1	0
Case 95	5	115,788,412	115,837,961	2	0	2	1
Case 95	5	115,840,528	116,672,520	1	0	1	0
Case 95	5	116,680,760	131,995,150	1	1	2	0
Case 95	5	131,995,423	132,109,742	2	1	3	0
Case 95	5	132,111,043	132,184,432	1	1	2	0
Case 95	5	132,196,383	132,270,228	2	1	3	0
Case 95	5	132,270,285	139,930,726	1	1	2	0
Case 95	5	139,930,736	139,931,652	1	0	1	0
Case 95	5	139,931,653	140,188,702	1	1	2	0
Case 95	5	140,192,643	140,306,559	1	0	1	0
Case 95	5	140,306,929	140,308,591	2	0	2	1
Case 95	5	140,308,620	140,366,901	1	0	1	0
Case 95	5	140,368,859	140,588,918	2	0	2	1
Case 95	5	140,589,016	140,711,120	1	0	1	0
Case 95	5	140,711,595	140,890,616	2	0	2	1
Case 95	5	140,892,643	141,030,926	1	0	1	0
Case 95	5	141,031,554	141,075,430	2	0	2	1
Case 95	5	141,079,168	141,189,817	1	0	1	0
Case 95	5	141,191,724	141,304,248	2	0	2	1
Case 95	5	141,304,989	141,642,872	1	0	1	0
Case 95	5	141,642,966	141,894,557	2	0	2	1
Case 95	5	141,901,900	142,221,460	4	0	4	1
Case 95	5	142,228,026	148,408,245	2	0	2	1
Case 95	5	148,410,920	148,627,448	3	0	3	1
Case 95	5	148,630,961	150,400,601	2	0	2	1
Case 95	5	150,400,878	150,722,459	3	0	3	1
Case 95	5	150,722,504	153,883,392	2	0	2	1
Case 95	5	153,884,609	156,418,790	2	1	3	0
Case 95	5	156,419,765	156,563,909	1	1	2	0
Case 95	5	156,564,882	179,675,974	2	1	3	0
Case 95	5	179,676,661	179,763,789	1	1	2	0
Case 95	5	179,765,467	179,877,022	2	1	3	0
Case 95	5	179,881,433	180,057,231	1	1	2	0
Case 95	5	180,057,650	180,693,127	2	1	3	0
Case 95	6	108,666	1,712,283	2	1	3	0
Case 95	6	1,712,306	1,760,556	1	0	1	0
Case 95	6	1,763,561	2,106,309	0	0	0	0
Case 95	6	2,111,091	27,645,278	2	1	3	0

Case 95	6	27,646,100	27,879,281	1	1	2	0
Case 95	6	27,879,289	30,633,875	2	1	3	0
Case 95	6	30,635,593	30,838,497	2	2	4	0
Case 95	6	30,838,688	30,876,411	2	1	3	0
Case 95	6	30,877,202	30,986,396	2	2	4	0
Case 95	6	30,986,527	31,000,005	2	1	3	0
Case 95	6	31,000,489	31,082,361	2	2	4	0
Case 95	6	31,082,404	31,140,152	2	1	3	0
Case 95	6	31,140,532	31,218,984	2	2	4	0
Case 95	6	31,219,869	31,219,869	2	1	3	0
Case 95	6	31,221,039	31,221,914	0	0	0	0
Case 95	6	31,230,701	31,244,520	2	1	3	0
Case 95	6	31,244,789	31,321,685	2	2	4	0
Case 95	6	31,322,277	31,383,071	2	1	3	0
Case 95	6	31,383,979	31,690,009	2	2	4	0
Case 95	6	31,691,508	31,783,507	3	1	4	0
Case 95	6	31,785,453	31,795,550	1	0	1	0
Case 95	6	31,798,287	31,888,869	3	1	4	0
Case 95	6	31,892,484	32,057,627	2	1	3	0
Case 95	6	32,058,167	32,097,983	3	1	4	0
Case 95	6	32,100,077	32,205,110	2	1	3	0
Case 95	6	32,205,942	32,367,997	2	2	4	0
Case 95	6	32,368,087	32,375,352	2	1	3	0
Case 95	6	32,375,745	32,438,598	2	2	4	0
Case 95	6	32,439,323	32,609,105	2	1	3	0
Case 95	6	32,609,126	32,985,376	2	2	4	0
Case 95	6	32,985,992	33,125,858	3	2	5	0
Case 95	6	33,127,757	33,477,013	2	1	3	0
Case 95	6	33,478,496	34,143,292	2	2	4	0
Case 95	6	34,153,441	34,254,178	2	1	3	0
Case 95	6	34,255,631	34,563,164	2	2	4	0
Case 95	6	34,569,814	35,479,574	2	1	3	0
Case 95	6	35,480,010	36,282,889	2	2	4	0
Case 95	6	36,287,134	36,656,256	2	1	3	0
Case 95	6	36,658,742	36,727,212	2	2	4	0
Case 95	6	36,729,567	37,321,972	2	1	3	0
Case 95	6	37,324,857	38,946,459	2	2	4	0
Case 95	6	38,947,930	39,163,744	2	1	3	0
Case 95	6	39,164,121	39,796,910	2	2	4	0
Case 95	6	39,800,014	40,594,841	2	1	3	0
Case 95	6	40,595,071	41,318,438	2	2	4	0
Case 95	6	41,318,587	41,603,194	3	2	5	0
Case 95	6	41,605,830	41,729,406	2	2	4	0
Case 95	6	41,731,177	42,039,572	2	1	3	0
Case 95	6	42,039,666	42,126,444	2	2	4	0
Case 95	6	42,126,529	42,271,906	2	1	3	0
Case 95	6	42,277,196	42,671,099	2	2	4	0
Case 95	6	42,672,150	43,422,536	2	1	3	0
Case 95	6	43,423,647	47,277,181	2	2	4	0
Case 95	6	47,287,769	47,541,940	4	1	5	0
Case 95	6	47,547,820	52,266,511	2	2	4	0
Case 95	6	52,268,008	52,453,220	2	1	3	0
Case 95	6	52,454,094	53,123,118	2	2	4	0
Case 95	6	53,124,501	53,564,059	2	1	3	0
Case 95	6	53,564,752	54,054,686	2	2	4	0
Case 95	6	54,054,699	55,004,835	2	1	3	0
Case 95	6	55,006,253	56,215,930	2	2	4	0
Case 95	6	56,217,207	56,347,519	2	1	3	0
Case 95	6	56,351,972	57,063,946	2	2	4	0
Case 95	6	57,068,940	58,752,089	2	1	3	0
Case 95	6	61,891,118	65,584,763	2	1	3	0

Case 95	6	65,586,419	107,272,331	1	1	2	0
Case 95	6	107,288,708	107,383,411	2	1	3	0
Case 95	6	107,386,233	108,791,307	1	1	2	0
Case 95	6	108,798,097	109,221,846	2	1	3	0
Case 95	6	109,233,725	109,461,506	1	1	2	0
Case 95	6	109,466,452	109,751,601	3	1	4	0
Case 95	6	109,752,426	109,828,474	2	1	3	0
Case 95	6	109,832,034	111,843,548	1	1	2	0
Case 95	6	111,845,111	112,175,517	2	1	3	0
Case 95	6	112,175,735	117,772,143	1	1	2	0
Case 95	6	117,781,803	118,642,751	2	1	3	0
Case 95	6	118,645,767	119,433,241	1	1	2	0
Case 95	6	119,434,014	120,233,977	2	1	3	0
Case 95	6	120,244,785	125,658,409	1	1	2	0
Case 95	6	125,672,037	132,945,355	2	1	3	0
Case 95	6	132,951,025	133,070,928	3	1	4	0
Case 95	6	133,070,995	162,392,902	2	1	3	0
Case 95	6	162,394,341	162,447,612	1	1	2	0
Case 95	6	162,450,471	162,841,979	1	0	1	0
Case 95	6	162,847,889	162,925,492	3	0	3	1
Case 95	6	162,927,803	162,995,680	2	1	3	0
Case 95	6	162,996,263	165,588,629	2	2	4	0
Case 95	6	165,590,516	165,831,225	2	1	3	0
Case 95	6	165,831,491	165,933,673	2	2	4	0
Case 95	6	165,935,421	166,796,433	2	1	3	0
Case 95	6	166,799,022	169,444,202	2	2	4	0
Case 95	6	169,447,055	169,642,042	2	1	3	0
Case 95	6	169,643,685	170,002,347	2	2	4	0
Case 95	6	170,002,365	170,105,270	2	1	3	0
Case 95	6	170,105,313	170,552,613	2	2	4	0
Case 95	6	170,554,506	170,980,171	2	1	3	0
Case 95	7	44,935	4,820,940	2	1	3	0
Case 95	7	4,821,257	4,855,862	1	1	2	0
Case 95	7	4,855,934	16,704,191	2	1	3	0
Case 95	7	16,704,212	16,776,509	2	2	4	0
Case 95	7	16,777,700	16,886,964	4	1	5	0
Case 95	7	16,889,926	16,890,982	2	2	4	0
Case 95	7	16,895,475	17,296,072	3	2	5	0
Case 95	7	17,300,695	22,268,760	2	1	3	0
Case 95	7	22,269,345	22,602,932	3	1	4	0
Case 95	7	22,604,319	30,182,813	2	1	3	0
Case 95	7	30,185,796	30,299,645	1	1	2	0
Case 95	7	30,318,912	32,843,795	2	1	3	0
Case 95	7	32,854,040	33,133,742	1	1	2	0
Case 95	7	33,136,109	33,733,587	2	1	3	0
Case 95	7	33,738,345	34,021,755	1	1	2	0
Case 95	7	34,035,784	36,079,709	2	1	3	0
Case 95	7	36,083,679	39,595,948	2	2	4	0
Case 95	7	39,605,204	40,174,711	2	1	3	0
Case 95	7	40,193,535	42,001,171	2	2	4	0
Case 95	7	42,003,500	42,236,334	2	1	3	0
Case 95	7	42,240,694	42,657,424	2	2	4	0
Case 95	7	42,662,187	43,108,258	2	1	3	0
Case 95	7	43,125,022	43,595,400	2	2	4	0
Case 95	7	43,598,222	44,157,322	2	1	3	0
Case 95	7	44,159,224	44,925,896	2	2	4	0
Case 95	7	44,932,538	46,027,518	2	1	3	0
Case 95	7	46,028,577	47,690,398	2	2	4	0
Case 95	7	47,691,429	47,979,922	2	1	3	0
Case 95	7	47,981,235	49,127,859	2	2	4	0
Case 95	7	49,145,008	49,803,095	4	1	5	0



Case 95	7	49,808,395	50,417,522	2	2	4	0
Case 95	7	50,418,242	50,531,994	2	1	3	0
Case 95	7	50,535,395	52,287,973	2	2	4	0
Case 95	7	52,292,676	52,521,444	2	1	3	0
Case 95	7	52,525,336	53,036,443	2	2	4	0
Case 95	7	53,037,887	53,162,595	2	1	3	0
Case 95	7	53,165,642	55,229,543	2	2	4	0
Case 95	7	55,230,840	58,019,061	2	1	3	0
Case 95	7	61,056,053	63,156,419	2	1	3	0
Case 95	7	63,189,965	64,030,116	1	1	2	0
Case 95	7	64,054,804	64,679,561	1	0	1	0
Case 95	7	64,696,330	64,941,887	2	1	3	0
Case 95	7	64,956,181	65,420,340	1	1	2	0
Case 95	7	65,424,658	65,796,626	1	0	1	0
Case 95	7	65,822,360	66,304,423	1	1	2	0
Case 95	7	66,315,976	71,982,924	1	0	1	0
Case 95	7	72,073,716	72,721,449	2	1	3	0
Case 95	7	72,722,981	73,491,212	1	0	1	0
Case 95	7	73,493,533	75,179,843	1	1	2	0
Case 95	7	75,180,033	76,131,706	2	1	3	0
Case 95	7	76,132,073	98,648,560	1	1	2	0
Case 95	7	98,648,610	98,858,784	2	1	3	0
Case 95	7	98,861,915	99,460,458	1	1	2	0
Case 95	7	99,461,160	99,774,740	2	1	3	0
Case 95	7	99,774,815	101,864,836	1	1	2	0
Case 95	7	101,865,210	102,113,373	2	1	3	0
Case 95	7	102,113,841	104,626,690	1	1	2	0
Case 95	7	104,632,980	104,752,385	1	0	1	0
Case 95	7	104,752,423	107,211,657	1	1	2	0
Case 95	7	107,211,703	107,472,138	2	1	3	0
Case 95	7	107,472,872	135,925,039	1	1	2	0
Case 95	7	135,938,900	136,319,271	2	1	3	0
Case 95	7	136,326,080	149,512,674	1	1	2	0
Case 95	7	149,512,800	149,519,760	1	0	1	0
Case 95	7	149,519,770	155,546,241	1	1	2	0
Case 95	7	155,555,930	155,901,297	2	1	3	0
Case 95	7	155,914,367	159,119,486	1	1	2	0
Case 95	8	164,984	7,007,415	2	0	2	1
Case 95	8	7,308,659	7,379,037	0	0	0	0
Case 95	8	7,718,170	8,222,480	2	0	2	1
Case 95	8	8,230,361	8,378,992	4	0	4	1
Case 95	8	8,380,016	15,395,144	2	0	2	1
Case 95	8	15,400,574	15,410,250	0	0	0	0
Case 95	8	15,419,777	18,856,363	2	0	2	1
Case 95	8	18,857,090	19,207,820	3	0	3	1
Case 95	8	19,211,220	22,713,012	2	0	2	1
Case 95	8	22,718,237	23,340,546	3	0	3	1
Case 95	8	23,344,403	23,553,455	2	0	2	1
Case 95	8	23,554,565	24,090,176	3	0	3	1
Case 95	8	24,094,711	24,811,204	2	0	2	1
Case 95	8	24,811,765	25,172,706	3	0	3	1
Case 95	8	25,172,949	29,246,441	2	0	2	1
Case 95	8	29,247,126	29,760,101	3	0	3	1
Case 95	8	29,778,575	43,791,691	2	0	2	1
Case 95	8	46,886,735	47,572,540	2	0	2	1
Case 95	8	47,610,370	50,070,098	2	1	3	0
Case 95	8	50,072,010	52,623,166	2	0	2	1
Case 95	8	52,624,400	53,114,569	2	1	3	0
Case 95	8	53,115,983	55,049,131	2	0	2	1
Case 95	8	55,049,188	62,450,266	2	1	3	0
Case 95	8	62,458,019	62,465,795	2	2	4	0

Case 95	8	62,465,814	62,873,803	4	1	5	0
Case 95	8	62,881,744	62,881,744	2	2	4	0
Case 95	8	62,885,312	67,488,288	2	1	3	0
Case 95	8	67,488,388	67,697,245	1	1	2	0
Case 95	8	67,699,805	78,070,394	2	1	3	0
Case 95	8	78,093,837	79,906,572	1	1	2	0
Case 95	8	79,916,893	82,123,005	2	1	3	0
Case 95	8	82,149,338	82,363,342	3	1	4	0
Case 95	8	82,370,252	96,090,259	2	1	3	0
Case 95	8	96,099,666	96,858,955	2	2	4	0
Case 95	8	96,859,623	101,284,322	2	1	3	0
Case 95	8	101,285,717	101,813,156	3	1	4	0
Case 95	8	101,816,789	120,034,105	2	1	3	0
Case 95	8	120,039,462	120,271,776	3	1	4	0
Case 95	8	120,275,270	128,258,492	2	1	3	0
Case 95	8	128,261,927	128,355,019	2	2	4	0
Case 95	8	128,355,618	128,844,721	3	1	4	0
Case 95	8	128,853,816	128,889,371	2	1	3	0
Case 95	8	128,890,261	131,769,694	2	2	4	0
Case 95	8	131,771,222	131,994,393	2	1	3	0
Case 95	8	131,997,225	133,880,375	2	2	4	0
Case 95	8	133,881,244	134,134,673	2	1	3	0
Case 95	8	134,138,581	134,519,265	2	2	4	0
Case 95	8	134,519,479	134,681,123	2	1	3	0
Case 95	8	134,684,826	136,666,924	2	2	4	0
Case 95	8	136,667,194	136,855,729	2	1	3	0
Case 95	8	136,868,367	138,816,115	2	2	4	0
Case 95	8	138,820,097	140,016,398	2	1	3	0
Case 95	8	140,018,998	141,149,918	2	2	4	0
Case 95	8	141,150,169	141,358,681	2	1	3	0
Case 95	8	141,360,167	142,109,356	2	2	4	0
Case 95	8	142,122,693	142,451,314	2	1	3	0
Case 95	8	142,451,350	144,621,058	2	2	4	0
Case 95	8	144,621,084	145,215,919	2	1	3	0
Case 95	8	145,216,008	145,580,028	2	2	4	0
Case 95	8	145,580,530	145,818,782	2	1	3	0
Case 95	8	145,830,957	146,293,414	2	2	4	0
Case 95	9	46,587	21,974,640	2	1	3	0
Case 95	9	21,974,720	22,481,286	3	1	4	0
Case 95	9	22,487,177	35,404,007	2	1	3	0
Case 95	9	35,404,008	35,546,735	3	1	4	0
Case 95	9	35,547,052	35,964,627	2	1	3	0
Case 95	9	35,966,699	36,100,388	2	2	4	0
Case 95	9	36,100,504	38,771,460	2	1	3	0
Case 95	9	38,771,831	46,944,322	2	0	2	1
Case 95	9	65,629,772	74,733,695	2	0	2	1
Case 95	9	74,733,832	75,012,258	3	0	3	1
Case 95	9	75,021,841	99,521,123	2	0	2	1
Case 95	9	99,521,136	99,522,706	1	0	1	0
Case 95	9	99,525,487	103,955,777	2	0	2	1
Case 95	9	103,960,732	104,210,432	3	0	3	1
Case 95	9	104,211,810	110,113,919	2	0	2	1
Case 95	9	110,114,432	110,732,838	3	0	3	1
Case 95	9	110,734,905	114,707,212	2	0	2	1
Case 95	9	114,711,743	114,888,773	2	1	3	0
Case 95	9	114,902,932	115,013,224	1	0	1	0
Case 95	9	115,015,710	117,852,975	2	1	3	0
Case 95	9	117,853,022	118,029,484	2	2	4	0
Case 95	9	118,029,729	124,536,644	2	1	3	0
Case 95	9	124,543,753	130,702,477	2	0	2	1
Case 95	9	130,702,642	131,351,046	3	0	3	1

Case 95	9	131,356,473	132,022,920	2	0	2	1
Case 95	9	132,024,528	132,241,861	2	1	3	0
Case 95	9	132,253,919	132,681,784	5	0	5	1
Case 95	9	132,686,148	134,183,913	2	0	2	1
Case 95	9	134,184,191	134,247,571	4	0	4	1
Case 95	9	134,254,451	135,277,161	2	0	2	1
Case 95	9	135,277,166	135,285,690	1	0	1	0
Case 95	9	135,285,791	136,007,358	2	0	2	1
Case 95	9	136,007,988	136,179,704	4	0	4	1
Case 95	9	136,184,526	139,244,192	2	1	3	0
Case 95	9	139,245,289	139,301,916	3	1	4	0
Case 95	9	139,301,959	139,361,472	2	1	3	0
Case 95	9	139,362,876	139,726,282	2	2	4	0
Case 95	9	139,728,202	141,066,491	3	1	4	0
Case 95	10	98,087	3,176,363	1	0	1	0
Case 95	10	3,176,389	3,323,773	2	0	2	1
Case 95	10	3,327,813	3,857,816	1	0	1	0
Case 95	10	3,858,778	3,962,232	2	0	2	1
Case 95	10	3,969,047	5,375,877	1	0	1	0
Case 95	10	5,379,362	5,469,386	2	0	2	1
Case 95	10	5,471,143	5,629,111	1	0	1	0
Case 95	10	5,631,737	5,682,694	2	0	2	1
Case 95	10	5,683,731	5,777,432	1	0	1	0
Case 95	10	5,781,628	5,804,531	2	0	2	1
Case 95	10	5,805,844	11,022,446	1	0	1	0
Case 95	10	11,024,559	11,388,353	2	0	2	1
Case 95	10	11,388,843	12,752,638	1	0	1	0
Case 95	10	12,754,862	12,827,660	2	0	2	1
Case 95	10	12,827,690	13,681,108	1	0	1	0
Case 95	10	13,683,905	13,820,420	2	0	2	1
Case 95	10	13,821,953	24,817,027	1	0	1	0
Case 95	10	24,818,152	24,908,998	2	0	2	1
Case 95	10	24,909,804	29,780,160	1	0	1	0
Case 95	10	29,780,468	29,841,556	2	0	2	1
Case 95	10	29,842,681	30,315,403	1	0	1	0
Case 95	10	30,315,632	30,359,559	2	0	2	1
Case 95	10	30,366,521	33,748,685	1	0	1	0
Case 95	10	33,758,430	34,399,685	3	1	4	0
Case 95	10	34,401,632	34,401,632	2	0	2	1
Case 95	10	34,408,636	34,525,999	5	1	6	0
Case 95	10	34,527,387	35,341,301	4	1	5	0
Case 95	10	35,344,969	35,344,969	2	0	2	1
Case 95	10	35,359,475	36,414,157	4	0	4	1
Case 95	10	36,420,471	36,669,344	3	0	3	1
Case 95	10	36,686,162	36,687,210	2	1	3	0
Case 95	10	36,688,414	36,863,519	2	2	4	0
Case 95	10	36,877,054	37,213,409	2	1	3	0
Case 95	10	37,214,419	37,706,195	1	0	1	0
Case 95	10	37,712,642	37,946,651	2	1	3	0
Case 95	10	37,958,940	38,314,056	3	1	4	0
Case 95	10	38,339,321	38,549,612	1	0	1	0
Case 95	10	38,569,998	39,097,912	2	0	2	1
Case 95	10	42,436,301	61,612,159	2	0	2	1
Case 95	10	61,614,418	61,630,250	0	0	0	0
Case 95	10	61,631,994	71,560,999	2	0	2	1
Case 95	10	71,562,415	71,862,654	3	0	3	1
Case 95	10	71,866,161	75,520,120	2	0	2	1
Case 95	10	75,520,488	75,849,841	3	0	3	1
Case 95	10	75,849,898	80,302,281	2	0	2	1
Case 95	10	80,306,807	80,640,638	3	0	3	1
Case 95	10	80,641,807	95,109,621	2	0	2	1

Case 95	10	95,109,633	95,538,467	3	0	3	1
Case 95	10	95,541,735	104,125,334	2	0	2	1
Case 95	10	104,126,256	115,198,443	2	1	3	0
Case 95	10	115,205,714	115,587,010	3	1	4	0
Case 95	10	115,589,161	126,962,284	2	1	3	0
Case 95	10	126,963,368	127,168,157	3	1	4	0
Case 95	10	127,170,574	135,477,883	2	1	3	0
Case 95	11	193,146	1,018,711	2	1	3	0
Case 95	11	1,019,194	1,263,776	3	1	4	0
Case 95	11	1,265,998	1,680,161	3	0	3	1
Case 95	11	1,689,325	1,803,095	2	0	2	1
Case 95	11	1,804,417	2,068,776	3	0	3	1
Case 95	11	2,070,570	2,608,850	2	0	2	1
Case 95	11	2,608,860	2,781,519	3	0	3	1
Case 95	11	2,782,648	11,400,647	2	0	2	1
Case 95	11	11,401,119	11,466,133	3	0	3	1
Case 95	11	11,466,613	11,731,251	2	0	2	1
Case 95	11	11,739,732	12,317,933	4	0	4	1
Case 95	11	12,327,308	17,455,371	2	0	2	1
Case 95	11	17,457,493	17,489,445	3	0	3	1
Case 95	11	17,491,386	24,542,153	2	0	2	1
Case 95	11	24,543,242	25,756,735	5	1	6	0
Case 95	11	25,764,292	30,709,418	4	1	5	0
Case 95	11	30,724,208	34,477,125	2	2	4	0
Case 95	11	34,477,291	34,571,836	4	1	5	0
Case 95	11	34,573,817	36,988,302	2	2	4	0
Case 95	11	36,989,149	37,643,435	3	2	5	0
Case 95	11	37,646,906	40,708,010	2	2	4	0
Case 95	11	40,709,637	40,742,299	3	1	4	0
Case 95	11	40,744,768	40,764,896	2	0	2	1
Case 95	11	40,767,022	40,946,450	6	1	7	0
Case 95	11	40,961,066	40,961,066	2	0	2	1
Case 95	11	40,966,294	42,989,183	2	2	4	0
Case 95	11	42,992,520	45,706,162	4	1	5	0
Case 95	11	45,706,453	45,711,140	2	2	4	0
Case 95	11	45,717,929	46,090,550	2	1	3	0
Case 95	11	46,122,023	46,281,835	3	1	4	0
Case 95	11	46,292,055	50,241,556	2	1	3	0
Case 95	11	50,248,332	51,591,253	2	0	2	1
Case 95	11	54,794,237	55,362,955	2	0	2	1
Case 95	11	55,370,325	55,427,700	0	0	0	0
Case 95	11	55,431,897	55,541,602	2	1	3	0
Case 95	11	55,541,620	56,107,439	2	0	2	1
Case 95	11	56,113,516	57,420,885	2	1	3	0
Case 95	11	57,424,000	61,157,056	2	0	2	1
Case 95	11	61,161,430	61,809,207	3	0	3	1
Case 95	11	61,809,530	63,127,621	2	0	2	1
Case 95	11	63,136,501	63,377,828	3	0	3	1
Case 95	11	63,381,249	63,885,451	2	0	2	1
Case 95	11	63,885,582	64,088,252	3	0	3	1
Case 95	11	64,088,435	65,886,662	2	0	2	1
Case 95	11	65,910,129	66,313,693	3	0	3	1
Case 95	11	66,314,514	66,571,509	2	0	2	1
Case 95	11	66,579,572	66,889,558	3	0	3	1
Case 95	11	66,898,492	69,265,238	2	0	2	1
Case 95	11	69,266,710	69,403,278	3	0	3	1
Case 95	11	69,406,112	70,253,475	2	0	2	1
Case 95	11	70,257,669	70,346,686	3	0	3	1
Case 95	11	70,348,919	72,946,279	2	0	2	1
Case 95	11	72,946,298	73,171,306	3	0	3	1
Case 95	11	73,179,451	74,065,411	2	0	2	1

Case 95	11	74,071,072	74,166,320	4	0	4	1
Case 95	11	74,167,630	77,611,609	2	0	2	1
Case 95	11	77,617,950	77,714,746	4	0	4	1
Case 95	11	77,719,612	77,796,717	3	0	3	1
Case 95	11	77,811,196	90,042,539	2	0	2	1
Case 95	11	90,050,153	91,994,044	1	0	1	0
Case 95	11	91,995,496	92,714,801	2	0	2	1
Case 95	11	92,715,081	93,184,074	1	0	1	0
Case 95	11	93,206,181	93,261,886	2	0	2	1
Case 95	11	93,264,680	93,596,420	1	0	1	0
Case 95	11	93,596,599	93,839,219	2	0	2	1
Case 95	11	93,842,104	94,112,883	1	0	1	0
Case 95	11	94,113,325	94,134,236	2	0	2	1
Case 95	11	94,147,464	94,312,323	1	0	1	0
Case 95	11	94,313,230	94,554,713	2	0	2	1
Case 95	11	94,554,836	94,732,033	1	0	1	0
Case 95	11	94,740,143	95,470,346	2	0	2	1
Case 95	11	95,486,859	95,712,527	1	0	1	0
Case 95	11	95,712,558	95,929,222	2	0	2	1
Case 95	11	95,929,945	96,115,744	1	0	1	0
Case 95	11	96,116,444	96,503,340	2	0	2	1
Case 95	11	96,503,971	96,651,455	1	0	1	0
Case 95	11	96,652,574	96,822,982	2	0	2	1
Case 95	11	96,823,102	101,621,924	1	0	1	0
Case 95	11	101,624,193	101,762,019	2	0	2	1
Case 95	11	101,762,191	102,401,661	1	0	1	0
Case 95	11	102,402,858	102,647,396	2	0	2	1
Case 95	11	102,647,536	103,892,231	1	0	1	0
Case 95	11	103,899,109	103,924,576	2	0	2	1
Case 95	11	103,936,469	104,821,746	1	0	1	0
Case 95	11	104,825,482	105,010,448	2	0	2	1
Case 95	11	105,016,907	105,475,600	1	0	1	0
Case 95	11	105,482,024	106,182,251	2	0	2	1
Case 95	11	106,204,781	108,380,670	1	0	1	0
Case 95	11	108,380,740	108,381,468	2	0	2	1
Case 95	11	108,381,516	108,429,200	1	0	1	0
Case 95	11	108,429,776	109,071,810	2	0	2	1
Case 95	11	109,073,592	109,241,241	1	0	1	0
Case 95	11	109,248,030	111,290,086	2	0	2	1
Case 95	11	111,298,298	112,043,614	1	0	1	0
Case 95	11	112,044,900	113,269,792	2	0	2	1
Case 95	11	113,269,852	113,278,447	1	0	1	0
Case 95	11	113,278,764	113,631,637	2	0	2	1
Case 95	11	113,638,177	113,683,078	1	0	1	0
Case 95	11	113,684,612	113,823,865	2	0	2	1
Case 95	11	113,833,152	113,904,382	1	0	1	0
Case 95	11	113,910,276	114,125,324	2	0	2	1
Case 95	11	114,128,967	114,270,802	1	0	1	0
Case 95	11	114,270,997	117,105,034	2	0	2	1
Case 95	11	117,107,775	117,279,712	1	0	1	0
Case 95	11	117,280,349	118,435,756	2	0	2	1
Case 95	11	118,441,079	118,793,918	1	0	1	0
Case 95	11	118,801,235	119,045,378	2	0	2	1
Case 95	11	119,045,408	119,059,463	1	0	1	0
Case 95	11	119,059,532	119,956,631	2	0	2	1
Case 95	11	119,957,516	119,998,234	3	0	3	1
Case 95	11	119,998,271	120,825,575	2	0	2	1
Case 95	11	120,826,131	121,299,288	3	0	3	1
Case 95	11	121,301,819	124,095,884	2	0	2	1
Case 95	11	124,096,292	124,096,305	7	0	7	1
Case 95	11	124,100,201	125,869,966	2	0	2	1

Case 95	11	125,871,554	126,060,666	3	0	3	1
Case 95	11	126,060,763	126,466,129	2	0	2	1
Case 95	11	126,467,667	126,864,307	3	0	3	1
Case 95	11	126,864,588	128,807,619	2	0	2	1
Case 95	11	128,808,927	129,280,473	3	0	3	1
Case 95	11	129,285,091	129,291,462	2	0	2	1
Case 95	11	129,299,871	129,507,034	5	0	5	1
Case 95	11	129,523,831	132,042,611	2	0	2	1
Case 95	11	132,043,292	132,151,081	3	0	3	1
Case 95	11	132,152,426	134,934,063	2	0	2	1
Case 95	12	191,619	786,238	2	1	3	0
Case 95	12	789,152	1,291,195	1	1	2	0
Case 95	12	1,291,271	2,998,892	2	1	3	0
Case 95	12	3,004,526	3,788,091	2	0	2	1
Case 95	12	3,788,145	4,553,383	3	0	3	1
Case 95	12	4,553,391	13,575,143	2	0	2	1
Case 95	12	13,576,211	13,644,646	3	0	3	1
Case 95	12	13,645,345	34,294,699	2	0	2	1
Case 95	12	34,306,859	34,853,011	1	0	1	0
Case 95	12	37,876,400	38,573,362	1	0	1	0
Case 95	12	38,588,392	52,681,841	2	0	2	1
Case 95	12	52,681,908	53,012,085	3	0	3	1
Case 95	12	53,012,128	53,042,792	2	1	3	0
Case 95	12	53,042,808	53,117,023	3	1	4	0
Case 95	12	53,119,891	54,252,030	2	1	3	0
Case 95	12	54,255,207	54,649,941	3	1	4	0
Case 95	12	54,651,471	55,042,807	2	1	3	0
Case 95	12	55,042,958	55,188,872	3	1	4	0
Case 95	12	55,205,760	57,049,193	2	1	3	0
Case 95	12	57,050,174	76,349,064	1	1	2	0
Case 95	12	76,352,699	76,424,644	2	1	3	0
Case 95	12	76,424,753	95,681,492	1	1	2	0
Case 95	12	95,681,539	95,765,917	2	1	3	0
Case 95	12	95,770,832	109,895,168	1	1	2	0
Case 95	12	109,898,523	110,240,859	2	1	3	0
Case 95	12	110,242,933	133,810,935	1	1	2	0
Case 95	13	19,058,717	27,421,621	1	1	2	0
Case 95	13	27,426,553	27,701,862	2	1	3	0
Case 95	13	27,705,697	57,703,846	1	1	2	0
Case 95	13	57,704,823	57,704,823	1	0	1	0
Case 95	13	57,711,953	57,824,156	0	0	0	0
Case 95	13	57,827,157	57,827,157	2	1	3	0
Case 95	13	57,835,021	73,603,693	1	1	2	0
Case 95	13	73,609,881	74,010,099	3	1	4	0
Case 95	13	74,019,374	113,139,568	1	1	2	0
Case 95	13	113,143,942	113,465,320	2	1	3	0
Case 95	13	113,467,616	115,086,044	1	1	2	0
Case 95	13	115,087,913	115,103,529	2	1	3	0
Case 95	14	19,280,733	20,444,236	2	1	3	0
Case 95	14	20,445,370	22,488,581	2	0	2	1
Case 95	14	22,491,072	23,009,999	3	0	3	1
Case 95	14	23,011,465	32,589,339	2	0	2	1
Case 95	14	32,592,200	32,775,473	1	0	1	0
Case 95	14	32,775,851	34,083,650	2	0	2	1
Case 95	14	34,084,149	34,181,880	3	0	3	1
Case 95	14	34,182,289	35,790,399	2	0	2	1
Case 95	14	35,793,657	35,900,723	3	0	3	1
Case 95	14	35,901,490	53,023,847	2	0	2	1
Case 95	14	53,027,908	53,119,875	1	0	1	0
Case 95	14	53,124,867	56,370,925	2	0	2	1
Case 95	14	56,371,174	56,521,706	3	0	3	1

Case 95	14	56,522,061	68,907,936	2	0	2	1
Case 95	14	68,911,269	69,038,981	3	0	3	1
Case 95	14	69,039,588	69,117,512	4	0	4	1
Case 95	14	69,118,241	69,526,307	3	0	3	1
Case 95	14	69,533,837	75,283,907	2	0	2	1
Case 95	14	75,288,518	75,591,071	3	0	3	1
Case 95	14	75,593,566	100,581,068	2	0	2	1
Case 95	14	100,587,813	101,071,722	4	0	4	1
Case 95	14	101,094,177	102,827,643	2	0	2	1
Case 95	14	102,828,506	103,493,868	3	0	3	1
Case 95	14	103,520,762	103,934,484	4	0	4	1
Case 95	14	103,934,488	107,287,663	2	0	2	1
Case 95	15	20,034,919	43,489,532	1	1	2	0
Case 95	15	43,489,544	44,102,010	2	1	3	0
Case 95	15	44,102,033	57,459,278	1	1	2	0
Case 95	15	57,484,419	57,823,404	2	1	3	0
Case 95	15	57,824,330	70,384,464	1	1	2	0
Case 95	15	70,402,309	70,667,702	2	1	3	0
Case 95	15	70,670,688	74,080,674	1	1	2	0
Case 95	15	74,081,521	74,338,939	2	1	3	0
Case 95	15	74,343,330	85,382,193	1	1	2	0
Case 95	15	85,382,307	85,568,434	2	1	3	0
Case 95	15	85,568,535	90,328,704	1	1	2	0
Case 95	15	90,331,614	90,581,016	2	1	3	0
Case 95	15	90,585,859	91,416,605	3	1	4	0
Case 95	15	91,419,098	91,543,761	2	1	3	0
Case 95	15	91,543,800	92,546,226	3	1	4	0
Case 95	15	92,546,412	92,716,399	2	1	3	0
Case 95	15	92,717,179	93,454,382	3	1	4	0
Case 95	15	93,457,650	97,392,522	2	1	3	0
Case 95	15	97,394,744	97,394,971	0	0	0	0
Case 95	15	97,401,222	101,866,596	2	1	3	0
Case 95	15	101,869,255	102,165,803	3	1	4	0
Case 95	15	102,182,183	102,461,162	2	1	3	0
Case 95	16	88,165	212,649	2	0	2	1
Case 95	16	215,379	333,339	0	0	0	0
Case 95	16	334,503	336,730	1	0	1	0
Case 95	16	336,854	348,687	0	0	0	0
Case 95	16	349,293	847,871	1	0	1	0
Case 95	16	847,877	920,777	2	0	2	1
Case 95	16	920,823	1,081,348	1	0	1	0
Case 95	16	1,085,393	1,308,212	2	0	2	1
Case 95	16	1,308,333	1,555,601	1	0	1	0
Case 95	16	1,557,357	1,873,087	2	0	2	1
Case 95	16	1,877,272	2,018,912	3	0	3	1
Case 95	16	2,021,105	2,376,272	2	0	2	1
Case 95	16	2,376,463	2,440,033	1	0	1	0
Case 95	16	2,454,510	11,859,454	2	0	2	1
Case 95	16	11,861,367	12,172,991	3	0	3	1
Case 95	16	12,176,120	21,098,318	2	0	2	1
Case 95	16	21,098,323	21,261,924	3	0	3	1
Case 95	16	21,264,441	29,904,330	2	0	2	1
Case 95	16	29,906,645	30,000,330	3	0	3	1
Case 95	16	30,001,023	35,285,582	2	0	2	1
Case 95	16	46,450,037	46,708,241	2	0	2	1
Case 95	16	46,714,529	46,962,905	4	0	4	1
Case 95	16	46,984,457	51,969,082	2	0	2	1
Case 95	16	51,970,385	52,320,342	3	0	3	1
Case 95	16	52,325,676	68,963,749	2	0	2	1
Case 95	16	69,000,588	69,238,164	4	0	4	1
Case 95	16	69,267,209	70,841,824	2	0	2	1

Case 95	16	70,843,711	71,218,789	3	0	3	1
Case 95	16	71,220,668	71,902,142	2	0	2	1
Case 95	16	71,917,058	72,249,130	3	0	3	1
Case 95	16	72,250,217	75,306,402	2	0	2	1
Case 95	16	75,308,899	75,655,049	3	0	3	1
Case 95	16	75,657,221	78,264,680	2	0	2	1
Case 95	16	78,265,836	78,332,721	0	0	0	0
Case 95	16	78,338,118	79,147,467	2	0	2	1
Case 95	16	79,149,642	79,427,879	4	0	4	1
Case 95	16	79,434,027	84,575,823	2	0	2	1
Case 95	16	84,576,883	84,623,076	3	0	3	1
Case 95	16	84,623,402	84,786,347	4	0	4	1
Case 95	16	84,793,348	85,696,618	2	0	2	1
Case 95	16	85,696,635	85,736,429	3	0	3	1
Case 95	16	85,736,871	87,493,737	2	0	2	1
Case 95	16	87,504,998	87,585,814	4	0	4	1
Case 95	16	87,586,557	90,274,695	2	0	2	1
Case 95	17	11,885	1,538,110	2	0	2	1
Case 95	17	1,538,172	1,538,851	1	0	1	0
Case 95	17	1,539,540	4,391,201	2	0	2	1
Case 95	17	4,393,498	4,752,260	3	0	3	1
Case 95	17	4,755,424	22,242,355	2	0	2	1
Case 95	17	25,268,142	25,268,142	2	0	2	1
Case 95	17	25,295,032	26,692,205	2	1	3	0
Case 95	17	26,692,248	27,010,340	3	0	3	1
Case 95	17	27,010,367	27,233,280	2	0	2	1
Case 95	17	27,237,307	27,401,852	3	0	3	1
Case 95	17	27,402,827	27,620,815	2	1	3	0
Case 95	17	27,621,034	29,421,200	2	0	2	1
Case 95	17	29,421,869	29,720,140	2	1	3	0
Case 95	17	29,731,964	37,711,565	2	0	2	1
Case 95	17	37,745,979	37,961,820	5	0	5	1
Case 95	17	37,976,469	38,122,686	7	0	7	1
Case 95	17	38,126,757	38,223,403	4	0	4	1
Case 95	17	38,231,376	38,340,876	2	1	3	0
Case 95	17	38,340,897	38,522,806	1	1	2	0
Case 95	17	38,526,973	38,526,973	2	1	3	0
Case 95	17	38,536,983	38,785,718	3	1	4	0
Case 95	17	38,788,153	39,919,408	2	1	3	0
Case 95	17	39,919,560	40,022,809	2	0	2	1
Case 95	17	40,023,467	40,494,902	3	0	3	1
Case 95	17	40,498,273	41,201,364	2	0	2	1
Case 95	17	41,215,385	41,610,270	3	0	3	1
Case 95	17	41,610,296	42,231,961	2	1	3	0
Case 95	17	42,232,442	42,266,899	1	1	2	0
Case 95	17	42,267,949	43,014,884	2	1	3	0
Case 95	17	43,030,679	43,195,699	2	2	4	0
Case 95	17	43,195,786	46,743,914	2	1	3	0
Case 95	17	46,747,019	47,402,716	2	0	2	1
Case 95	17	47,406,913	47,598,296	3	0	3	1
Case 95	17	47,603,516	48,380,383	2	0	2	1
Case 95	17	48,384,501	48,469,775	3	0	3	1
Case 95	17	48,469,863	48,868,181	4	0	4	1
Case 95	17	48,869,758	49,038,352	3	0	3	1
Case 95	17	49,043,640	58,432,486	2	0	2	1
Case 95	17	58,439,018	59,224,241	2	1	3	0
Case 95	17	59,226,618	59,395,595	2	2	4	0
Case 95	17	59,408,449	59,611,085	2	1	3	0
Case 95	17	59,612,041	59,876,546	2	2	4	0
Case 95	17	59,885,856	61,781,407	2	1	3	0
Case 95	17	61,782,325	61,901,532	2	2	4	0



Case 95	17	61,901,555	63,249,599	2	1	3	0
Case 95	17	63,250,334	63,429,977	2	2	4	0
Case 95	17	63,440,108	63,663,994	2	1	3	0
Case 95	17	63,666,233	64,534,818	2	2	4	0
Case 95	17	64,534,900	68,337,964	2	1	3	0
Case 95	17	68,339,334	69,467,252	2	2	4	0
Case 95	17	69,468,891	69,626,669	2	1	3	0
Case 95	17	69,627,509	73,937,665	2	0	2	1
Case 95	17	73,941,955	74,195,151	3	0	3	1
Case 95	17	74,204,357	74,684,196	2	0	2	1
Case 95	17	74,684,260	75,428,530	1	0	1	0
Case 95	17	75,431,978	75,549,738	2	0	2	1
Case 95	17	75,551,060	75,851,466	1	0	1	0
Case 95	17	75,853,905	75,995,073	2	0	2	1
Case 95	17	75,995,207	76,423,097	1	0	1	0
Case 95	17	76,423,125	76,572,770	2	0	2	1
Case 95	17	76,572,929	76,680,086	1	0	1	0
Case 95	17	76,681,826	76,818,020	2	0	2	1
Case 95	17	76,822,023	76,957,331	1	0	1	0
Case 95	17	76,959,898	77,081,222	2	0	2	1
Case 95	17	77,081,721	77,226,086	1	0	1	0
Case 95	17	77,230,377	78,180,618	2	0	2	1
Case 95	17	78,180,812	78,299,319	1	0	1	0
Case 95	17	78,301,380	78,388,425	2	0	2	1
Case 95	17	78,389,020	78,623,941	1	0	1	0
Case 95	17	78,634,300	78,971,283	2	0	2	1
Case 95	17	78,972,916	79,867,431	1	0	1	0
Case 95	17	79,870,317	80,193,928	3	0	3	1
Case 95	17	80,193,972	80,323,686	4	0	4	1
Case 95	17	80,330,676	80,481,088	3	0	3	1
Case 95	17	80,494,243	80,684,451	1	0	1	0
Case 95	17	80,684,730	80,895,933	2	0	2	1
Case 95	17	80,895,955	80,957,649	1	0	1	0
Case 95	17	80,958,606	81,060,040	2	0	2	1
Case 95	18	87,505	3,534,521	2	1	3	0
Case 95	18	3,534,608	3,597,838	3	1	4	0
Case 95	18	3,597,864	3,867,290	3	2	5	0
Case 95	18	3,873,447	10,915,570	2	1	3	0
Case 95	18	10,918,243	15,375,878	1	1	2	0
Case 95	18	18,520,354	18,520,354	1	1	2	0
Case 95	18	18,539,806	18,621,273	3	1	4	0
Case 95	18	18,655,451	19,114,241	2	0	2	1
Case 95	18	19,115,131	19,414,759	3	0	3	1
Case 95	18	19,423,155	19,786,854	4	0	4	1
Case 95	18	19,788,303	46,465,665	3	0	3	1
Case 95	18	46,468,251	46,749,155	4	0	4	1
Case 95	18	46,770,186	46,770,186	2	0	2	1
Case 95	18	46,786,058	47,354,324	1	0	1	0
Case 95	18	47,358,751	47,572,613	2	0	2	1
Case 95	18	47,573,051	54,612,862	1	0	1	0
Case 95	18	54,626,229	55,144,264	2	0	2	1
Case 95	18	55,144,432	55,991,376	1	0	1	0
Case 95	18	55,992,249	56,274,075	2	0	2	1
Case 95	18	56,275,146	58,038,332	1	0	1	0
Case 95	18	58,038,777	58,039,760	2	0	2	1
Case 95	18	58,040,587	61,223,519	1	0	1	0
Case 95	18	61,225,591	61,262,367	2	0	2	1
Case 95	18	61,264,298	61,324,607	1	0	1	0
Case 95	18	61,325,785	61,405,499	2	0	2	1
Case 95	18	61,406,317	66,744,288	1	0	1	0
Case 95	18	66,744,308	66,758,828	0	0	0	0

Case 95	18	66,758,997	67,741,207	1	0	1	0
Case 95	18	67,746,299	67,992,817	2	0	2	1
Case 95	18	67,993,104	68,284,128	3	0	3	1
Case 95	18	68,286,760	68,427,051	2	0	2	1
Case 95	18	68,431,692	71,497,993	1	0	1	0
Case 95	18	71,498,095	71,577,366	2	0	2	1
Case 95	18	71,580,190	71,810,010	1	0	1	0
Case 95	18	71,815,122	71,896,469	2	0	2	1
Case 95	18	71,900,332	72,065,966	1	0	1	0
Case 95	18	72,066,424	72,110,674	2	0	2	1
Case 95	18	72,112,616	72,860,180	1	0	1	0
Case 95	18	72,863,702	73,219,777	2	0	2	1
Case 95	18	73,220,635	73,488,376	1	0	1	0
Case 95	18	73,490,428	73,535,558	2	0	2	1
Case 95	18	73,536,711	75,853,450	1	0	1	0
Case 95	18	75,855,094	75,930,831	2	0	2	1
Case 95	18	75,933,383	77,129,563	1	0	1	0
Case 95	18	77,133,899	77,227,918	2	0	2	1
Case 95	18	77,230,409	77,455,227	1	0	1	0
Case 95	18	77,455,308	77,585,701	2	0	2	1
Case 95	18	77,585,900	77,869,022	1	0	1	0
Case 95	18	77,882,827	78,015,180	2	0	2	1
Case 95	19	260,912	504,796	2	0	2	1
Case 95	19	504,797	758,474	3	0	3	1
Case 95	19	758,612	871,044	4	0	4	1
Case 95	19	871,088	1,047,336	3	0	3	1
Case 95	19	1,047,524	1,056,399	2	0	2	1
Case 95	19	1,056,410	1,192,769	3	0	3	1
Case 95	19	1,199,676	2,094,592	2	0	2	1
Case 95	19	2,097,048	2,500,027	3	0	3	1
Case 95	19	2,500,252	10,544,032	2	0	2	1
Case 95	19	10,546,771	10,738,639	3	0	3	1
Case 95	19	10,738,643	13,017,876	2	0	2	1
Case 95	19	13,019,554	13,218,456	3	0	3	1
Case 95	19	13,220,196	14,043,544	2	0	2	1
Case 95	19	14,043,629	14,044,158	0	0	0	0
Case 95	19	14,044,287	14,199,788	2	0	2	1
Case 95	19	14,199,924	14,475,773	4	0	4	1
Case 95	19	14,490,428	14,655,865	3	0	3	1
Case 95	19	14,656,131	17,361,116	2	0	2	1
Case 95	19	17,361,203	17,370,084	1	0	1	0
Case 95	19	17,370,182	18,726,857	2	0	2	1
Case 95	19	18,727,850	18,994,994	3	0	3	1
Case 95	19	18,998,318	20,890,806	2	0	2	1
Case 95	19	20,892,320	21,157,697	1	0	1	0
Case 95	19	21,158,134	23,387,788	2	0	2	1
Case 95	19	23,388,920	24,629,285	1	0	1	0
Case 95	19	27,732,159	28,243,881	1	0	1	0
Case 95	19	28,246,742	30,276,911	2	0	2	1
Case 95	19	30,286,822	30,478,556	7	0	7	1
Case 95	19	30,496,559	35,199,555	2	0	2	1
Case 95	19	35,219,548	35,449,876	2	1	3	0
Case 95	19	35,450,119	35,647,174	2	2	4	0
Case 95	19	35,648,330	37,005,423	2	1	3	0
Case 95	19	37,005,500	37,038,972	1	0	1	0
Case 95	19	37,039,069	37,367,976	2	0	2	1
Case 95	19	37,368,254	37,368,936	0	0	0	0
Case 95	19	37,374,266	37,854,235	2	0	2	1
Case 95	19	37,854,273	37,905,216	1	0	1	0
Case 95	19	37,907,792	37,909,470	2	0	2	1
Case 95	19	37,917,692	37,997,952	7	0	7	1

Case 95	19	38,004,356	38,043,260	2	0	2	1
Case 95	19	38,055,534	38,160,644	1	0	1	0
Case 95	19	38,160,742	38,968,461	2	0	2	1
Case 95	19	38,973,933	39,109,975	7	0	7	1
Case 95	19	39,119,494	39,949,764	2	0	2	1
Case 95	19	39,952,006	39,980,440	4	0	4	1
Case 95	19	39,980,444	39,980,444	2	0	2	1
Case 95	19	39,986,005	40,364,428	6	0	6	1
Case 95	19	40,392,569	40,594,660	2	1	3	0
Case 95	19	40,600,681	41,356,054	2	0	2	1
Case 95	19	41,356,751	41,379,148	0	0	0	0
Case 95	19	41,382,476	41,950,297	2	0	2	1
Case 95	19	41,953,430	42,583,191	3	0	3	1
Case 95	19	42,583,294	43,702,341	2	0	2	1
Case 95	19	43,702,355	43,969,653	3	0	3	1
Case 95	19	43,975,513	47,768,204	2	0	2	1
Case 95	19	47,773,930	48,259,063	2	1	3	0
Case 95	19	48,259,797	48,789,501	2	2	4	0
Case 95	19	48,789,533	48,836,236	2	1	3	0
Case 95	19	48,836,673	49,116,134	2	0	2	1
Case 95	19	49,116,200	49,117,104	0	0	0	0
Case 95	19	49,118,371	49,189,026	2	0	2	1
Case 95	19	49,196,722	49,348,831	3	0	3	1
Case 95	19	49,351,155	49,967,981	2	0	2	1
Case 95	19	49,969,006	50,141,958	3	0	3	1
Case 95	19	50,143,008	50,313,622	2	0	2	1
Case 95	19	50,315,698	50,339,201	3	0	3	1
Case 95	19	50,342,468	50,563,899	2	0	2	1
Case 95	19	50,591,699	50,967,760	7	0	7	1
Case 95	19	50,969,325	51,164,044	2	0	2	1
Case 95	19	51,164,102	51,186,081	7	0	7	1
Case 95	19	51,186,595	52,941,423	2	0	2	1
Case 95	19	52,941,540	53,021,543	1	0	1	0
Case 95	19	53,031,533	53,225,722	2	0	2	1
Case 95	19	53,232,293	53,393,584	1	0	1	0
Case 95	19	53,395,159	54,617,836	2	0	2	1
Case 95	19	54,621,969	54,704,768	7	0	7	1
Case 95	19	54,707,276	58,130,226	2	0	2	1
Case 95	19	58,131,576	58,131,623	0	0	0	0
Case 95	19	58,131,669	59,097,160	2	0	2	1
Case 95	20	63,244	3,686,514	2	1	3	0
Case 95	20	3,686,552	3,799,390	1	1	2	0
Case 95	20	3,801,376	4,053,254	2	1	3	0
Case 95	20	4,053,690	4,277,550	2	2	4	0
Case 95	20	4,277,603	10,765,986	2	1	3	0
Case 95	20	10,769,074	11,151,237	3	1	4	0
Case 95	20	11,155,202	13,562,481	2	1	3	0
Case 95	20	13,565,291	14,469,959	1	1	2	0
Case 95	20	14,476,048	14,867,228	2	1	3	0
Case 95	20	14,870,398	15,160,752	1	1	2	0
Case 95	20	15,161,670	17,641,928	2	1	3	0
Case 95	20	17,660,743	17,984,594	3	1	4	0
Case 95	20	17,992,979	22,266,006	2	1	3	0
Case 95	20	22,267,058	22,609,101	3	1	4	0
Case 95	20	22,610,804	25,456,830	2	1	3	0
Case 95	20	25,457,022	26,293,985	1	1	2	0
Case 95	20	29,425,357	29,522,520	1	1	2	0
Case 95	20	29,530,880	31,838,520	2	1	3	0
Case 95	20	31,839,058	34,806,861	3	1	4	0
Case 95	20	34,807,711	35,362,139	2	1	3	0
Case 95	20	35,373,223	35,421,971	2	0	2	1

Case 95	20	35,422,550	35,507,558	1	1	2	0
Case 95	20	35,507,591	35,507,591	2	0	2	1
Case 95	20	35,507,735	48,175,598	2	1	3	0
Case 95	20	48,175,678	48,488,479	3	1	4	0
Case 95	20	48,489,341	60,763,397	2	1	3	0
Case 95	20	60,765,422	60,869,680	3	1	4	0
Case 95	20	60,872,280	62,948,788	2	1	3	0
Case 95	21	10,827,533	10,971,337	1	1	2	0
Case 95	21	14,368,320	14,670,124	1	1	2	0
Case 95	21	14,687,571	19,771,250	2	1	3	0
Case 95	21	19,775,220	19,842,473	1	1	2	0
Case 95	21	19,843,988	42,832,541	2	1	3	0
Case 95	21	42,832,638	43,120,120	3	1	4	0
Case 95	21	43,121,233	45,349,752	2	1	3	0
Case 95	21	45,351,206	45,773,729	2	0	2	1
Case 95	21	45,783,999	46,816,740	2	1	3	0
Case 95	21	46,817,380	46,820,082	2	0	2	1
Case 95	21	46,821,491	46,837,709	5	0	5	1
Case 95	21	46,839,625	46,930,155	2	1	3	0
Case 95	21	46,930,442	46,951,566	1	1	2	0
Case 95	21	46,951,968	47,418,347	2	1	3	0
Case 95	21	47,419,012	47,439,474	1	1	2	0
Case 95	21	47,440,892	47,805,891	2	1	3	0
Case 95	21	47,808,673	47,856,021	1	1	2	0
Case 95	21	47,856,909	48,100,155	2	1	3	0
Case 95	22	16,114,244	23,760,129	2	1	3	0
Case 95	22	23,763,114	24,180,578	3	1	4	0
Case 95	22	24,180,585	24,237,074	2	1	3	0
Case 95	22	24,240,340	24,487,546	3	1	4	0
Case 95	22	24,487,714	27,144,107	2	1	3	0
Case 95	22	27,149,053	29,704,883	1	1	2	0
Case 95	22	29,706,514	29,791,234	2	1	3	0
Case 95	22	29,793,641	30,047,732	3	1	4	0
Case 95	22	30,051,433	30,051,433	2	0	2	1
Case 95	22	30,051,649	30,438,447	4	0	4	1
Case 95	22	30,476,271	30,476,271	2	1	3	0
Case 95	22	30,489,945	30,614,437	3	1	4	0
Case 95	22	30,618,889	31,320,322	2	1	3	0
Case 95	22	31,321,725	38,167,706	1	1	2	0
Case 95	22	38,170,046	38,369,535	2	1	3	0
Case 95	22	38,369,872	38,627,339	3	1	4	0
Case 95	22	38,628,306	42,896,474	1	1	2	0
Case 95	22	42,907,619	43,284,734	2	1	3	0
Case 95	22	43,287,153	45,568,986	1	1	2	0
Case 95	22	45,569,845	45,654,844	2	1	3	0
Case 95	22	45,660,094	46,172,855	1	1	2	0
Case 95	22	46,175,530	46,507,670	2	1	3	0
Case 95	22	46,507,778	51,195,728	1	1	2	0
Case 96	1	82,154	17,248,532	2	2	4	0
Case 96	1	17,249,161	17,281,235	2	1	3	0
Case 96	1	17,281,359	72,590,193	2	2	4	0
Case 96	1	72,593,459	72,703,860	3	2	5	0
Case 96	1	72,708,541	73,221,921	4	2	6	0
Case 96	1	73,227,348	74,465,302	3	2	5	0
Case 96	1	74,470,568	74,702,475	4	2	6	0
Case 96	1	74,704,513	78,245,342	3	2	5	0
Case 96	1	78,254,258	79,005,798	4	2	6	0
Case 96	1	79,010,670	79,383,604	3	2	5	0
Case 96	1	79,385,958	81,892,985	4	2	6	0
Case 96	1	81,895,097	82,102,924	3	2	5	0
Case 96	1	82,117,297	82,612,212	4	2	6	0

Case 96	1	82,648,931	82,862,842	3	2	5	0
Case 96	1	82,865,771	84,012,000	4	2	6	0
Case 96	1	84,016,320	84,225,532	3	2	5	0
Case 96	1	84,232,835	84,485,716	4	2	6	0
Case 96	1	84,492,217	85,079,410	3	2	5	0
Case 96	1	85,084,120	85,239,564	4	2	6	0
Case 96	1	85,242,494	85,560,264	3	2	5	0
Case 96	1	85,561,954	87,242,062	4	2	6	0
Case 96	1	87,245,278	87,696,098	3	2	5	0
Case 96	1	87,698,441	89,337,304	4	2	6	0
Case 96	1	89,341,408	90,574,778	3	2	5	0
Case 96	1	90,575,147	90,925,451	4	2	6	0
Case 96	1	90,928,816	91,690,179	3	2	5	0
Case 96	1	91,695,097	92,061,160	4	2	6	0
Case 96	1	92,066,310	92,525,678	3	2	5	0
Case 96	1	92,530,670	92,865,160	4	2	6	0
Case 96	1	92,882,554	93,672,827	3	2	5	0
Case 96	1	93,672,840	121,346,616	2	2	4	0
Case 96	1	142,649,718	249,218,992	2	2	4	0
Case 96	2	18,674	1,491,746	2	2	4	0
Case 96	2	1,494,373	1,788,847	2	1	3	0
Case 96	2	1,793,809	3,329,409	2	2	4	0
Case 96	2	3,340,094	3,471,146	2	1	3	0
Case 96	2	3,472,358	4,102,330	2	2	4	0
Case 96	2	4,130,779	6,692,014	2	1	3	0
Case 96	2	6,694,519	7,150,654	2	2	4	0
Case 96	2	7,151,074	8,159,830	2	1	3	0
Case 96	2	8,160,356	13,202,216	2	2	4	0
Case 96	2	13,204,511	15,731,583	2	1	3	0
Case 96	2	15,731,605	16,940,144	2	2	4	0
Case 96	2	16,940,157	18,044,028	2	1	3	0
Case 96	2	18,046,715	23,980,315	2	2	4	0
Case 96	2	23,980,698	24,799,847	2	1	3	0
Case 96	2	24,807,533	25,055,774	2	2	4	0
Case 96	2	25,057,263	25,384,499	2	1	3	0
Case 96	2	25,384,833	26,053,166	2	2	4	0
Case 96	2	26,075,213	26,537,312	2	1	3	0
Case 96	2	26,537,317	27,292,445	2	2	4	0
Case 96	2	27,292,460	27,423,371	2	1	3	0
Case 96	2	27,423,913	27,481,680	2	2	4	0
Case 96	2	27,481,773	27,603,798	2	1	3	0
Case 96	2	27,604,279	29,164,343	2	2	4	0
Case 96	2	29,164,387	29,380,087	2	1	3	0
Case 96	2	29,382,038	31,773,795	2	2	4	0
Case 96	2	31,782,280	33,233,715	2	1	3	0
Case 96	2	33,233,902	33,525,632	2	2	4	0
Case 96	2	33,527,299	36,803,863	2	1	3	0
Case 96	2	36,805,945	37,048,522	2	2	4	0
Case 96	2	37,048,724	37,855,222	2	1	3	0
Case 96	2	37,855,437	38,392,952	2	2	4	0
Case 96	2	38,394,363	39,017,670	2	1	3	0
Case 96	2	39,022,911	39,242,703	2	2	4	0
Case 96	2	39,243,129	39,752,158	2	1	3	0
Case 96	2	39,752,628	42,472,677	2	2	4	0
Case 96	2	42,472,708	43,458,474	2	1	3	0
Case 96	2	43,460,514	43,964,837	2	2	4	0
Case 96	2	43,965,007	44,023,025	2	1	3	0
Case 96	2	44,023,035	44,109,281	2	2	4	0
Case 96	2	44,112,052	44,519,142	2	1	3	0
Case 96	2	44,521,246	47,249,055	2	2	4	0
Case 96	2	47,249,239	48,807,796	2	1	3	0

Case 96	2	48,807,869	49,878,657	2	2	4	0
Case 96	2	49,882,063	54,420,839	2	1	3	0
Case 96	2	54,424,537	55,338,488	2	2	4	0
Case 96	2	55,340,963	56,258,347	2	1	3	0
Case 96	2	56,265,789	56,403,345	2	2	4	0
Case 96	2	56,408,030	58,235,386	2	1	3	0
Case 96	2	58,237,076	58,705,069	2	2	4	0
Case 96	2	58,713,430	58,981,325	2	1	3	0
Case 96	2	58,984,294	60,888,202	2	2	4	0
Case 96	2	60,893,016	63,401,230	2	1	3	0
Case 96	2	63,401,820	63,943,257	2	2	4	0
Case 96	2	63,962,974	64,320,746	2	1	3	0
Case 96	2	64,321,265	64,700,471	2	2	4	0
Case 96	2	64,702,082	65,486,928	2	1	3	0
Case 96	2	65,490,659	66,309,172	2	2	4	0
Case 96	2	66,326,853	66,953,286	2	1	3	0
Case 96	2	66,954,363	68,026,807	2	2	4	0
Case 96	2	68,027,155	68,733,389	2	1	3	0
Case 96	2	68,740,288	69,488,673	2	2	4	0
Case 96	2	69,489,816	70,483,440	2	1	3	0
Case 96	2	70,488,470	71,066,601	2	2	4	0
Case 96	2	71,067,853	71,297,695	2	1	3	0
Case 96	2	71,297,922	71,395,236	2	2	4	0
Case 96	2	71,403,284	71,633,389	2	1	3	0
Case 96	2	71,645,762	73,868,736	2	2	4	0
Case 96	2	73,869,666	74,202,578	2	1	3	0
Case 96	2	74,210,442	75,891,865	2	2	4	0
Case 96	2	75,891,890	79,142,387	2	1	3	0
Case 96	2	79,143,946	79,761,016	2	2	4	0
Case 96	2	79,766,537	84,287,935	2	1	3	0
Case 96	2	84,291,074	85,598,568	2	2	4	0
Case 96	2	85,598,640	85,709,069	2	1	3	0
Case 96	2	85,723,742	85,964,356	2	2	4	0
Case 96	2	85,965,769	85,981,436	2	1	3	0
Case 96	2	85,981,877	86,023,022	3	1	4	0
Case 96	2	86,023,398	88,478,534	4	1	5	0
Case 96	2	88,480,334	88,482,473	3	1	4	0
Case 96	2	88,482,486	88,916,370	2	1	3	0
Case 96	2	88,919,707	92,081,640	3	1	4	0
Case 96	2	95,429,424	121,393,032	3	1	4	0
Case 96	2	121,395,161	121,741,811	2	2	4	0
Case 96	2	121,742,165	127,351,413	2	1	3	0
Case 96	2	127,353,125	127,724,610	2	2	4	0
Case 96	2	127,724,850	133,314,973	2	1	3	0
Case 96	2	133,320,414	134,393,846	2	2	4	0
Case 96	2	134,397,457	135,064,269	2	1	3	0
Case 96	2	135,065,943	135,483,381	2	2	4	0
Case 96	2	135,483,413	137,221,405	2	1	3	0
Case 96	2	137,226,369	137,872,992	2	2	4	0
Case 96	2	137,873,347	138,593,847	2	1	3	0
Case 96	2	138,600,801	138,888,963	2	2	4	0
Case 96	2	138,897,835	142,172,028	2	1	3	0
Case 96	2	142,172,366	142,498,632	1	1	2	0
Case 96	2	142,500,134	148,183,865	2	1	3	0
Case 96	2	148,192,027	148,619,746	2	2	4	0
Case 96	2	148,649,175	149,847,588	2	1	3	0
Case 96	2	149,853,960	150,766,179	2	2	4	0
Case 96	2	150,777,288	152,369,315	2	1	3	0
Case 96	2	152,369,326	152,534,541	2	2	4	0
Case 96	2	152,534,545	157,534,037	2	1	3	0
Case 96	2	157,539,961	158,178,075	2	2	4	0

Case 96	2	158,178,271	158,634,289	2	1	3	0
Case 96	2	158,637,039	159,674,622	2	2	4	0
Case 96	2	159,674,805	167,760,249	2	1	3	0
Case 96	2	167,760,318	239,369,790	3	1	4	0
Case 96	2	239,400,430	242,824,974	3	2	5	0
Case 96	2	242,873,800	243,048,760	3	3	6	0
Case 96	3	61,495	1,293,401	2	2	4	0
Case 96	3	1,293,647	1,507,454	2	1	3	0
Case 96	3	1,510,262	1,722,281	2	2	4	0
Case 96	3	1,731,173	1,829,830	2	1	3	0
Case 96	3	1,833,607	9,920,406	2	2	4	0
Case 96	3	9,925,491	10,084,828	2	1	3	0
Case 96	3	10,084,831	32,578,837	2	2	4	0
Case 96	3	32,586,421	32,778,930	2	1	3	0
Case 96	3	32,785,355	44,442,007	2	2	4	0
Case 96	3	44,442,054	44,784,591	2	1	3	0
Case 96	3	44,795,238	46,005,882	2	2	4	0
Case 96	3	46,005,885	46,010,078	2	1	3	0
Case 96	3	46,010,113	47,452,572	2	2	4	0
Case 96	3	47,452,583	47,866,161	2	1	3	0
Case 96	3	47,868,622	48,712,791	2	2	4	0
Case 96	3	48,716,065	49,050,133	2	1	3	0
Case 96	3	49,050,231	49,215,966	2	2	4	0
Case 96	3	49,228,946	49,698,316	2	1	3	0
Case 96	3	49,698,498	57,419,180	2	2	4	0
Case 96	3	57,419,439	57,724,602	2	1	3	0
Case 96	3	57,731,725	60,390,846	2	2	4	0
Case 96	3	60,396,850	60,592,624	2	0	2	1
Case 96	3	60,592,751	60,604,489	2	1	3	0
Case 96	3	60,607,896	62,814,528	2	2	4	0
Case 96	3	62,818,566	76,633,507	3	1	4	0
Case 96	3	76,636,887	79,499,153	4	1	5	0
Case 96	3	79,522,372	87,050,997	3	1	4	0
Case 96	3	87,055,061	87,525,449	2	1	3	0
Case 96	3	87,525,540	88,197,331	1	1	2	0
Case 96	3	88,199,179	90,442,925	2	1	3	0
Case 96	3	93,537,290	93,546,445	2	1	3	0
Case 96	3	93,548,479	103,062,026	3	1	4	0
Case 96	3	103,079,255	103,079,255	2	1	3	0
Case 96	3	103,081,830	103,094,740	1	0	1	0
Case 96	3	103,097,277	140,692,599	3	1	4	0
Case 96	3	140,695,332	197,838,262	4	1	5	0
Case 96	4	71,566	9,394,090	2	1	3	0
Case 96	4	9,404,812	9,595,918	1	0	1	0
Case 96	4	9,596,615	49,620,898	2	1	3	0
Case 96	4	52,697,856	190,963,766	2	1	3	0
Case 96	5	38,139	7,831,992	4	2	6	0
Case 96	5	7,832,048	7,832,048	3	2	5	0
Case 96	5	7,832,052	7,832,129	2	2	4	0
Case 96	5	7,832,387	7,832,387	2	1	3	0
Case 96	5	7,835,500	10,109,791	4	3	7	0
Case 96	5	10,111,180	10,127,557	5	1	6	0
Case 96	5	10,132,963	10,224,631	7	0	7	1
Case 96	5	10,226,839	11,378,282	4	2	6	0
Case 96	5	11,378,817	11,378,817	5	2	7	0
Case 96	5	11,380,155	11,381,138	3	2	5	0
Case 96	5	11,390,193	13,922,302	5	2	7	0
Case 96	5	13,923,445	13,923,485	3	2	5	0
Case 96	5	13,923,528	15,684,270	4	2	6	0
Case 96	5	15,685,126	24,770,890	3	3	6	0
Case 96	5	24,773,509	24,773,509	3	1	4	0

Case 96	5	24,775,002	24,775,002	2	1	3	0
Case 96	5	24,779,565	31,177,469	4	3	7	0
Case 96	5	31,177,628	31,188,433	5	1	6	0
Case 96	5	31,191,910	31,204,843	4	3	7	0
Case 96	5	31,205,335	31,281,799	7	0	7	1
Case 96	5	31,283,826	35,600,210	4	2	6	0
Case 96	5	35,608,310	46,399,093	3	3	6	0
Case 96	5	49,457,282	52,013,727	3	1	4	0
Case 96	5	52,024,627	52,133,266	4	1	5	0
Case 96	5	52,135,210	56,811,700	3	1	4	0
Case 96	5	56,811,719	57,868,045	4	1	5	0
Case 96	5	57,878,858	57,940,720	3	1	4	0
Case 96	5	57,941,910	61,436,505	4	0	4	1
Case 96	5	61,437,645	61,721,917	3	0	3	1
Case 96	5	61,728,012	63,256,799	4	0	4	1
Case 96	5	63,256,888	63,753,398	3	0	3	1
Case 96	5	63,769,508	68,565,120	4	0	4	1
Case 96	5	68,568,858	70,986,022	3	1	4	0
Case 96	5	70,986,475	71,204,261	4	1	5	0
Case 96	5	71,208,228	71,369,445	3	1	4	0
Case 96	5	71,372,881	71,462,632	4	1	5	0
Case 96	5	71,467,670	71,521,964	3	1	4	0
Case 96	5	71,524,160	72,313,066	4	1	5	0
Case 96	5	72,313,079	72,541,096	3	1	4	0
Case 96	5	72,546,478	106,957,027	3	0	3	1
Case 96	5	106,958,958	110,658,834	2	2	4	0
Case 96	5	110,677,604	116,329,875	3	1	4	0
Case 96	5	116,355,602	116,993,837	2	1	3	0
Case 96	5	117,005,392	121,032,141	3	1	4	0
Case 96	5	121,038,138	129,408,800	3	0	3	1
Case 96	5	129,412,126	130,390,644	3	1	4	0
Case 96	5	130,407,827	131,125,988	2	1	3	0
Case 96	5	131,195,002	133,944,277	3	1	4	0
Case 96	5	133,959,630	134,239,350	3	0	3	1
Case 96	5	134,240,235	135,825,418	3	1	4	0
Case 96	5	135,825,647	136,324,179	4	1	5	0
Case 96	5	136,324,207	139,290,054	3	1	4	0
Case 96	5	139,293,166	140,236,189	4	0	4	1
Case 96	5	140,236,328	141,855,300	3	1	4	0
Case 96	5	141,856,176	142,490,003	4	1	5	0
Case 96	5	142,500,344	142,782,981	3	1	4	0
Case 96	5	142,783,602	143,545,150	4	1	5	0
Case 96	5	143,549,496	143,856,528	3	1	4	0
Case 96	5	143,860,437	144,924,901	4	1	5	0
Case 96	5	144,926,951	144,989,671	3	1	4	0
Case 96	5	145,003,254	161,865,725	4	0	4	1
Case 96	5	161,866,702	162,245,076	3	0	3	1
Case 96	5	162,245,529	180,693,127	4	0	4	1
Case 96	6	108,666	20,911,003	4	0	4	1
Case 96	6	20,940,379	20,952,163	3	0	3	1
Case 96	6	20,954,826	21,084,430	2	0	2	1
Case 96	6	21,086,047	21,279,870	3	0	3	1
Case 96	6	21,281,316	31,355,702	4	0	4	1
Case 96	6	31,356,574	31,378,510	0	0	0	0
Case 96	6	31,378,575	31,378,965	4	0	4	1
Case 96	6	31,379,016	31,453,640	0	0	0	0
Case 96	6	31,456,567	32,367,259	4	0	4	1
Case 96	6	32,367,451	32,370,993	3	0	3	1
Case 96	6	32,371,179	37,990,758	4	0	4	1
Case 96	6	37,999,223	38,139,500	3	1	4	0
Case 96	6	38,139,945	41,605,830	5	0	5	1



Case 96	6	41,608,938	41,608,938	6	1	7	0
Case 96	6	41,609,220	41,652,566	3	1	4	0
Case 96	6	41,655,542	43,572,467	4	0	4	1
Case 96	6	43,578,397	43,623,326	3	1	4	0
Case 96	6	43,623,417	44,134,522	5	0	5	1
Case 96	6	44,134,540	44,134,540	6	1	7	0
Case 96	6	44,134,864	44,140,054	3	1	4	0
Case 96	6	44,140,275	54,460,573	4	0	4	1
Case 96	6	54,460,646	58,752,089	3	0	3	1
Case 96	6	61,891,118	61,970,201	3	0	3	1
Case 96	6	61,972,502	78,965,525	2	1	3	0
Case 96	6	78,972,930	79,029,367	1	0	1	0
Case 96	6	79,039,234	170,980,171	2	1	3	0
Case 96	7	44,935	869,846	3	2	5	0
Case 96	7	871,728	1,034,717	2	2	4	0
Case 96	7	1,034,903	1,203,841	3	2	5	0
Case 96	7	1,203,957	3,248,674	2	2	4	0
Case 96	7	3,251,558	3,982,653	3	2	5	0
Case 96	7	3,983,402	6,743,097	2	2	4	0
Case 96	7	6,744,957	15,045,529	3	2	5	0
Case 96	7	15,048,069	15,129,953	2	2	4	0
Case 96	7	15,131,687	20,735,885	3	2	5	0
Case 96	7	20,736,577	20,821,273	2	2	4	0
Case 96	7	20,825,213	21,775,369	3	2	5	0
Case 96	7	21,775,387	21,945,563	2	2	4	0
Case 96	7	21,945,687	22,107,371	3	2	5	0
Case 96	7	22,108,059	22,311,651	2	2	4	0
Case 96	7	22,312,065	23,224,734	3	2	5	0
Case 96	7	23,224,752	23,353,310	2	2	4	0
Case 96	7	23,354,413	26,930,638	3	2	5	0
Case 96	7	26,938,809	27,220,831	2	2	4	0
Case 96	7	27,223,563	29,668,519	3	2	5	0
Case 96	7	29,668,591	30,210,227	2	2	4	0
Case 96	7	30,211,222	32,105,096	3	2	5	0
Case 96	7	32,110,008	32,447,350	2	2	4	0
Case 96	7	32,447,684	36,659,892	3	2	5	0
Case 96	7	36,660,968	36,979,876	2	2	4	0
Case 96	7	36,981,343	39,093,780	3	2	5	0
Case 96	7	39,096,388	40,586,674	2	2	4	0
Case 96	7	40,607,390	41,472,272	3	2	5	0
Case 96	7	41,473,995	41,750,087	2	2	4	0
Case 96	7	41,752,051	43,254,706	3	2	5	0
Case 96	7	43,256,590	43,517,171	2	2	4	0
Case 96	7	43,519,337	43,801,983	3	2	5	0
Case 96	7	43,804,695	45,247,913	2	2	4	0
Case 96	7	45,248,202	45,953,573	3	2	5	0
Case 96	7	45,954,465	46,113,883	2	2	4	0
Case 96	7	46,116,722	47,849,094	3	2	5	0
Case 96	7	47,849,120	48,026,823	2	2	4	0
Case 96	7	48,026,965	48,319,307	3	2	5	0
Case 96	7	48,319,403	48,457,486	2	2	4	0
Case 96	7	48,457,628	53,063,823	3	2	5	0
Case 96	7	53,064,379	53,306,008	2	2	4	0
Case 96	7	53,308,306	55,238,226	3	2	5	0
Case 96	7	55,238,227	58,019,061	2	2	4	0
Case 96	7	61,056,053	66,865,643	2	2	4	0
Case 96	7	66,877,880	67,098,945	3	2	5	0
Case 96	7	67,102,353	76,307,066	2	2	4	0
Case 96	7	76,309,742	82,450,364	3	2	5	0
Case 96	7	82,451,558	82,811,218	2	2	4	0
Case 96	7	82,817,384	83,421,885	3	2	5	0

Case 96	7	83,422,832	85,813,923	2	2	4	0
Case 96	7	85,814,138	86,106,885	3	2	5	0
Case 96	7	86,107,620	86,995,922	2	2	4	0
Case 96	7	86,995,999	88,955,550	3	2	5	0
Case 96	7	88,956,699	88,981,054	2	2	4	0
Case 96	7	88,995,297	90,006,840	3	2	5	0
Case 96	7	90,013,087	90,497,437	2	2	4	0
Case 96	7	90,500,326	91,174,263	3	2	5	0
Case 96	7	91,176,242	91,768,615	2	2	4	0
Case 96	7	91,771,690	96,401,045	3	2	5	0
Case 96	7	96,407,773	96,968,676	2	2	4	0
Case 96	7	96,968,805	97,494,722	3	2	5	0
Case 96	7	97,496,179	99,170,711	2	2	4	0
Case 96	7	99,170,965	99,474,016	3	2	5	0
Case 96	7	99,474,143	102,334,106	2	2	4	0
Case 96	7	102,375,663	104,461,230	3	2	5	0
Case 96	7	104,466,964	105,360,021	2	2	4	0
Case 96	7	105,361,835	106,128,329	3	2	5	0
Case 96	7	106,129,804	107,948,721	2	2	4	0
Case 96	7	107,949,595	110,172,394	3	2	5	0
Case 96	7	110,174,041	111,183,610	2	2	4	0
Case 96	7	111,199,771	111,329,336	2	0	2	1
Case 96	7	111,333,872	111,426,682	3	0	3	1
Case 96	7	111,429,882	111,732,480	2	0	2	1
Case 96	7	111,732,556	111,785,581	3	0	3	1
Case 96	7	111,785,993	113,646,277	2	0	2	1
Case 96	7	113,649,625	139,584,796	3	0	3	1
Case 96	7	139,585,476	139,618,876	4	0	4	1
Case 96	7	139,620,219	144,113,853	3	0	3	1
Case 96	7	144,114,122	147,870,469	2	0	2	1
Case 96	7	147,872,505	148,143,416	3	0	3	1
Case 96	7	148,153,437	149,145,139	2	0	2	1
Case 96	7	149,148,159	149,367,798	3	0	3	1
Case 96	7	149,379,276	149,576,735	2	0	2	1
Case 96	7	149,576,740	149,983,201	3	0	3	1
Case 96	7	149,992,342	150,081,485	2	0	2	1
Case 96	7	150,084,460	150,555,915	3	0	3	1
Case 96	7	150,555,967	150,708,923	2	0	2	1
Case 96	7	150,709,291	150,755,839	3	0	3	1
Case 96	7	150,761,314	150,800,739	2	0	2	1
Case 96	7	150,801,238	150,845,977	3	0	3	1
Case 96	7	150,846,022	150,883,761	2	0	2	1
Case 96	7	150,883,892	151,945,694	3	0	3	1
Case 96	7	151,946,979	152,669,840	2	0	2	1
Case 96	7	152,677,202	152,844,101	3	0	3	1
Case 96	7	152,845,216	153,624,869	2	0	2	1
Case 96	7	153,625,843	154,122,060	3	0	3	1
Case 96	7	154,129,140	154,377,155	2	0	2	1
Case 96	7	154,378,331	154,643,901	3	0	3	1
Case 96	7	154,645,406	154,673,469	2	0	2	1
Case 96	7	154,673,686	154,905,252	3	0	3	1
Case 96	7	154,905,319	154,977,756	2	0	2	1
Case 96	7	154,977,941	156,469,123	3	0	3	1
Case 96	7	156,469,173	156,732,717	2	0	2	1
Case 96	7	156,736,705	157,926,406	3	0	3	1
Case 96	7	157,926,436	158,498,994	2	0	2	1
Case 96	7	158,500,805	159,119,486	3	0	3	1
Case 96	8	164,984	195,481	2	1	3	0
Case 96	8	195,607	202,842	1	1	2	0
Case 96	8	209,152	1,849,398	2	1	3	0
Case 96	8	1,849,530	1,880,530	2	0	2	1

Case 96	8	1,881,984	2,781,277	2	1	3	0
Case 96	8	2,783,183	2,990,263	1	1	2	0
Case 96	8	2,995,761	3,052,978	2	1	3	0
Case 96	8	3,053,592	3,074,711	1	1	2	0
Case 96	8	3,076,897	3,178,721	2	1	3	0
Case 96	8	3,179,320	3,274,215	1	1	2	0
Case 96	8	3,275,113	3,390,144	2	1	3	0
Case 96	8	3,390,607	3,523,100	1	1	2	0
Case 96	8	3,527,105	3,565,900	2	1	3	0
Case 96	8	3,566,615	3,621,844	1	1	2	0
Case 96	8	3,622,059	3,872,987	2	1	3	0
Case 96	8	3,874,384	3,895,072	1	1	2	0
Case 96	8	3,896,625	4,065,529	2	1	3	0
Case 96	8	4,066,831	4,320,656	1	1	2	0
Case 96	8	4,320,749	4,444,592	2	1	3	0
Case 96	8	4,445,174	4,647,032	1	1	2	0
Case 96	8	4,647,134	4,702,233	2	1	3	0
Case 96	8	4,705,811	4,834,406	1	1	2	0
Case 96	8	4,835,344	5,165,467	2	1	3	0
Case 96	8	5,165,806	5,204,568	1	1	2	0
Case 96	8	5,206,751	5,231,014	2	1	3	0
Case 96	8	5,237,620	5,339,713	1	1	2	0
Case 96	8	5,340,264	5,393,748	2	1	3	0
Case 96	8	5,393,862	7,726,969	7	0	7	1
Case 96	8	7,881,478	8,748,594	5	1	6	0
Case 96	8	8,748,849	9,428,688	6	1	7	0
Case 96	8	9,437,352	9,685,362	7	0	7	1
Case 96	8	9,688,094	10,118,004	2	1	3	0
Case 96	8	10,118,346	10,118,346	2	2	4	0
Case 96	8	10,119,523	11,058,478	6	1	7	0
Case 96	8	11,060,638	15,491,989	7	0	7	1
Case 96	8	15,493,417	15,898,666	5	1	6	0
Case 96	8	15,899,688	17,159,766	6	1	7	0
Case 96	8	17,159,767	17,166,765	7	0	7	1
Case 96	8	17,168,025	17,643,685	5	1	6	0
Case 96	8	17,645,028	17,918,527	6	1	7	0
Case 96	8	17,918,934	17,924,735	7	0	7	1
Case 96	8	17,924,739	20,381,833	5	1	6	0
Case 96	8	20,390,625	20,521,191	7	0	7	1
Case 96	8	20,525,787	22,172,605	5	1	6	0
Case 96	8	22,172,702	22,333,014	7	0	7	1
Case 96	8	22,333,041	23,602,802	5	1	6	0
Case 96	8	23,607,733	26,001,404	3	1	4	0
Case 96	8	26,002,358	27,022,315	5	1	6	0
Case 96	8	27,030,123	28,198,716	7	0	7	1
Case 96	8	28,200,685	28,272,574	5	1	6	0
Case 96	8	28,280,338	29,441,961	6	1	7	0
Case 96	8	29,443,591	31,474,141	7	0	7	1
Case 96	8	31,478,718	32,549,845	5	1	6	0
Case 96	8	32,559,943	33,357,994	7	0	7	1
Case 96	8	33,358,270	33,466,724	5	1	6	0
Case 96	8	33,467,010	43,791,691	3	1	4	0
Case 96	8	46,886,735	70,813,658	3	1	4	0
Case 96	8	70,815,981	70,919,503	2	1	3	0
Case 96	8	70,926,678	73,379,450	2	2	4	0
Case 96	8	73,384,265	78,770,472	3	1	4	0
Case 96	8	78,774,883	81,195,187	2	2	4	0
Case 96	8	81,197,858	81,430,806	2	1	3	0
Case 96	8	81,431,696	89,051,297	3	1	4	0
Case 96	8	89,056,569	90,637,625	2	2	4	0
Case 96	8	90,638,201	94,311,248	3	1	4	0

Case 96	8	94,313,865	96,533,604	2	2	4	0
Case 96	8	96,534,806	112,740,051	3	1	4	0
Case 96	8	112,740,847	137,321,806	4	1	5	0
Case 96	8	137,338,230	137,346,996	3	1	4	0
Case 96	8	137,350,456	138,075,823	4	0	4	1
Case 96	8	138,081,290	138,116,658	3	1	4	0
Case 96	8	138,121,678	146,293,414	4	1	5	0
Case 96	9	46,587	304,957	3	0	3	1
Case 96	9	305,667	707,463	2	0	2	1
Case 96	9	710,818	742,206	3	0	3	1
Case 96	9	742,230	990,076	2	0	2	1
Case 96	9	990,085	1,056,975	3	0	3	1
Case 96	9	1,057,116	1,243,842	2	0	2	1
Case 96	9	1,252,572	1,311,050	3	0	3	1
Case 96	9	1,311,310	1,675,540	2	0	2	1
Case 96	9	1,676,766	1,801,822	3	0	3	1
Case 96	9	1,809,976	2,137,725	2	0	2	1
Case 96	9	2,141,357	2,196,183	3	0	3	1
Case 96	9	2,196,566	2,210,993	2	0	2	1
Case 96	9	2,212,546	2,275,029	3	0	3	1
Case 96	9	2,282,951	2,622,278	2	0	2	1
Case 96	9	2,623,615	2,648,773	3	0	3	1
Case 96	9	2,649,217	2,811,377	2	0	2	1
Case 96	9	2,811,418	3,046,849	3	0	3	1
Case 96	9	3,049,080	3,755,135	2	0	2	1
Case 96	9	3,755,938	3,861,266	3	0	3	1
Case 96	9	3,862,693	4,002,823	2	0	2	1
Case 96	9	4,005,108	4,193,531	3	0	3	1
Case 96	9	4,194,762	4,286,392	2	0	2	1
Case 96	9	4,287,179	4,378,727	3	0	3	1
Case 96	9	4,380,096	4,502,575	2	0	2	1
Case 96	9	4,505,544	4,719,182	3	0	3	1
Case 96	9	4,720,263	5,462,929	2	0	2	1
Case 96	9	5,464,065	5,534,930	3	0	3	1
Case 96	9	5,544,405	5,899,749	2	0	2	1
Case 96	9	5,901,100	5,922,860	3	0	3	1
Case 96	9	5,923,103	7,185,027	2	0	2	1
Case 96	9	7,187,799	7,245,314	3	0	3	1
Case 96	9	7,245,681	8,474,233	2	0	2	1
Case 96	9	8,476,994	8,486,299	3	0	3	1
Case 96	9	8,486,335	13,979,872	2	0	2	1
Case 96	9	13,980,085	14,036,242	3	0	3	1
Case 96	9	14,036,271	14,309,552	2	0	2	1
Case 96	9	14,310,504	14,437,943	3	0	3	1
Case 96	9	14,440,552	16,063,191	2	0	2	1
Case 96	9	16,064,646	16,313,409	3	0	3	1
Case 96	9	16,314,909	16,398,279	2	0	2	1
Case 96	9	16,399,927	16,572,826	3	0	3	1
Case 96	9	16,573,685	18,061,140	2	0	2	1
Case 96	9	18,066,074	18,155,747	3	0	3	1
Case 96	9	18,161,098	18,676,496	2	0	2	1
Case 96	9	18,676,945	18,847,325	3	0	3	1
Case 96	9	18,848,066	18,903,625	2	0	2	1
Case 96	9	18,905,289	18,974,072	3	0	3	1
Case 96	9	18,978,625	19,057,965	2	0	2	1
Case 96	9	19,058,204	19,063,081	3	0	3	1
Case 96	9	19,065,295	19,746,160	2	0	2	1
Case 96	9	19,751,159	20,005,735	3	0	3	1
Case 96	9	20,006,704	27,179,530	2	0	2	1
Case 96	9	27,182,802	27,229,786	3	0	3	1
Case 96	9	27,230,152	27,401,297	2	0	2	1

Case 96	9	27,402,961	27,490,967	3	0	3	1
Case 96	9	27,497,792	27,792,965	2	0	2	1
Case 96	9	27,800,007	27,979,665	3	0	3	1
Case 96	9	27,980,241	32,601,501	2	0	2	1
Case 96	9	32,607,492	32,917,428	3	0	3	1
Case 96	9	32,921,928	32,989,872	2	0	2	1
Case 96	9	32,990,132	33,804,813	3	0	3	1
Case 96	9	33,810,791	34,253,488	2	0	2	1
Case 96	9	34,254,425	34,257,923	3	0	3	1
Case 96	9	34,257,979	34,365,357	2	0	2	1
Case 96	9	34,371,171	35,107,858	3	0	3	1
Case 96	9	35,108,064	35,295,703	2	0	2	1
Case 96	9	35,295,780	35,908,488	3	0	3	1
Case 96	9	35,910,945	36,002,881	2	0	2	1
Case 96	9	36,005,428	36,101,562	3	0	3	1
Case 96	9	36,102,096	36,731,326	2	0	2	1
Case 96	9	36,732,969	36,901,044	3	0	3	1
Case 96	9	36,901,161	37,289,932	2	0	2	1
Case 96	9	37,302,155	37,384,977	3	0	3	1
Case 96	9	37,387,177	37,692,711	2	0	2	1
Case 96	9	37,692,733	38,141,369	3	0	3	1
Case 96	9	38,144,829	38,386,351	2	0	2	1
Case 96	9	38,390,937	38,528,689	3	0	3	1
Case 96	9	38,531,889	39,179,289	2	0	2	1
Case 96	9	40,714,011	46,944,322	3	0	3	1
Case 96	9	65,629,772	76,105,546	3	0	3	1
Case 96	9	76,107,080	78,412,423	3	1	4	0
Case 96	9	78,416,165	83,599,708	3	0	3	1
Case 96	9	83,603,221	85,417,267	3	1	4	0
Case 96	9	85,421,474	99,525,487	3	0	3	1
Case 96	9	99,525,494	131,762,080	3	1	4	0
Case 96	9	131,763,850	131,870,319	3	0	3	1
Case 96	9	131,871,927	133,920,919	3	1	4	0
Case 96	9	133,920,939	133,957,467	3	0	3	1
Case 96	9	133,957,759	140,063,557	3	1	4	0
Case 96	9	140,063,984	140,330,259	2	1	3	0
Case 96	9	140,330,497	141,066,491	3	1	4	0
Case 96	10	98,087	7,423,829	3	2	5	0
Case 96	10	7,425,691	7,702,595	2	2	4	0
Case 96	10	7,707,276	8,168,485	3	2	5	0
Case 96	10	8,171,357	8,500,122	2	2	4	0
Case 96	10	8,501,583	11,713,277	3	2	5	0
Case 96	10	11,713,869	12,464,305	2	2	4	0
Case 96	10	12,467,228	18,392,980	3	2	5	0
Case 96	10	18,396,166	18,828,371	2	2	4	0
Case 96	10	18,828,372	19,534,443	3	2	5	0
Case 96	10	19,535,187	19,907,943	2	2	4	0
Case 96	10	19,909,770	27,389,164	3	2	5	0
Case 96	10	27,389,197	27,516,588	2	2	4	0
Case 96	10	27,519,221	28,460,483	3	2	5	0
Case 96	10	28,462,019	28,970,433	2	2	4	0
Case 96	10	28,970,473	30,366,521	3	2	5	0
Case 96	10	30,367,323	30,582,897	2	2	4	0
Case 96	10	30,584,372	34,806,744	3	2	5	0
Case 96	10	34,813,742	35,896,892	2	2	4	0
Case 96	10	35,897,304	37,790,656	3	2	5	0
Case 96	10	37,802,532	38,973,500	2	2	4	0
Case 96	10	38,995,349	39,097,912	3	2	5	0
Case 96	10	42,436,301	43,571,447	3	2	5	0
Case 96	10	43,573,558	44,111,901	2	2	4	0
Case 96	10	44,112,119	46,518,615	3	2	5	0

Case 96	10	46,527,516	48,473,929	2	2	4	0
Case 96	10	48,480,228	50,724,555	3	2	5	0
Case 96	10	50,724,678	52,002,204	2	2	4	0
Case 96	10	52,002,800	62,869,980	3	2	5	0
Case 96	10	62,896,874	66,154,377	5	2	7	0
Case 96	10	66,163,616	66,259,625	3	2	5	0
Case 96	10	66,260,362	66,992,498	6	1	7	0
Case 96	10	66,996,579	67,306,869	7	0	7	1
Case 96	10	67,318,448	69,005,693	5	2	7	0
Case 96	10	69,005,799	69,011,499	3	2	5	0
Case 96	10	69,013,466	69,900,240	4	2	6	0
Case 96	10	69,902,549	71,254,765	3	2	5	0
Case 96	10	71,255,663	71,476,425	3	3	6	0
Case 96	10	71,477,144	73,126,727	3	2	5	0
Case 96	10	73,129,458	75,549,984	6	1	7	0
Case 96	10	75,551,697	81,145,266	7	0	7	1
Case 96	10	81,145,535	87,358,975	3	0	3	1
Case 96	10	87,359,826	87,824,238	4	0	4	1
Case 96	10	87,825,498	99,519,057	3	0	3	1
Case 96	10	99,519,097	100,017,453	4	0	4	1
Case 96	10	100,017,500	105,785,913	3	0	3	1
Case 96	10	105,786,298	105,832,350	4	0	4	1
Case 96	10	105,832,966	106,377,705	3	0	3	1
Case 96	10	106,384,631	107,022,247	4	0	4	1
Case 96	10	107,023,390	112,072,649	3	0	3	1
Case 96	10	112,079,743	112,242,851	4	0	4	1
Case 96	10	112,246,352	114,942,278	3	0	3	1
Case 96	10	114,958,159	115,350,594	4	0	4	1
Case 96	10	115,350,596	122,966,573	3	0	3	1
Case 96	10	122,970,549	123,415,590	4	0	4	1
Case 96	10	123,417,635	123,880,823	3	0	3	1
Case 96	10	123,882,245	123,970,565	4	0	4	1
Case 96	10	123,970,569	124,089,120	3	0	3	1
Case 96	10	124,090,711	124,530,915	4	0	4	1
Case 96	10	124,532,133	127,727,888	3	0	3	1
Case 96	10	127,727,905	128,193,754	4	0	4	1
Case 96	10	128,197,218	128,788,749	3	0	3	1
Case 96	10	128,789,070	129,172,393	4	0	4	1
Case 96	10	129,179,426	129,851,621	3	0	3	1
Case 96	10	129,854,145	129,975,342	4	0	4	1
Case 96	10	129,977,477	130,588,415	3	0	3	1
Case 96	10	130,589,876	131,009,253	4	0	4	1
Case 96	10	131,013,164	132,061,518	3	0	3	1
Case 96	10	132,061,768	132,563,074	4	0	4	1
Case 96	10	132,568,315	132,980,357	3	0	3	1
Case 96	10	132,980,435	133,960,422	4	0	4	1
Case 96	10	133,960,517	135,270,577	3	0	3	1
Case 96	10	135,276,845	135,477,883	4	0	4	1
Case 96	11	193,146	545,087	2	2	4	0
Case 96	11	549,119	563,598	2	1	3	0
Case 96	11	565,840	9,258,146	2	2	4	0
Case 96	11	9,262,823	9,806,849	2	1	3	0
Case 96	11	9,809,181	37,700,681	2	2	4	0
Case 96	11	37,706,893	38,271,205	2	1	3	0
Case 96	11	38,285,501	50,368,121	2	2	4	0
Case 96	11	50,369,683	51,591,253	2	1	3	0
Case 96	11	54,794,237	54,974,693	2	1	3	0
Case 96	11	55,026,160	64,559,402	2	2	4	0
Case 96	11	64,559,429	64,620,880	2	1	3	0
Case 96	11	64,621,573	64,803,082	2	2	4	0
Case 96	11	64,803,351	64,813,994	2	1	3	0

Case 96	11	64,815,038	68,178,909	2	2	4	0
Case 96	11	68,181,248	69,592,814	7	0	7	1
Case 96	11	69,596,523	81,719,231	2	2	4	0
Case 96	11	81,726,997	82,001,588	2	1	3	0
Case 96	11	82,007,844	85,465,395	2	2	4	0
Case 96	11	85,468,708	98,454,916	2	1	3	0
Case 96	11	98,456,485	98,677,443	1	1	2	0
Case 96	11	98,678,717	102,732,913	2	1	3	0
Case 96	11	102,736,419	107,554,267	2	2	4	0
Case 96	11	107,566,557	107,857,145	2	1	3	0
Case 96	11	107,858,642	108,032,167	2	2	4	0
Case 96	11	108,032,233	108,380,281	2	1	3	0
Case 96	11	108,380,335	111,941,332	2	2	4	0
Case 96	11	111,941,905	111,958,686	2	1	3	0
Case 96	11	111,959,699	119,045,408	2	2	4	0
Case 96	11	119,045,520	119,059,877	2	1	3	0
Case 96	11	119,060,188	122,888,805	2	2	4	0
Case 96	11	122,890,439	123,012,658	2	1	3	0
Case 96	11	123,013,271	126,144,865	2	2	4	0
Case 96	11	126,145,709	126,261,832	2	1	3	0
Case 96	11	126,263,885	134,934,063	2	2	4	0
Case 96	12	191,619	18,848,131	2	1	3	0
Case 96	12	18,849,084	20,403,211	7	0	7	1
Case 96	12	20,408,976	21,190,595	5	1	6	0
Case 96	12	21,196,331	21,379,632	6	1	7	0
Case 96	12	21,382,251	22,169,854	5	1	6	0
Case 96	12	22,174,952	22,223,709	7	0	7	1
Case 96	12	22,234,133	23,896,605	5	1	6	0
Case 96	12	23,896,612	24,093,764	6	1	7	0
Case 96	12	24,099,662	28,237,294	7	0	7	1
Case 96	12	28,237,731	28,901,089	4	2	6	0
Case 96	12	28,906,557	28,906,557	3	3	6	0
Case 96	12	28,906,620	28,934,271	3	1	4	0
Case 96	12	28,945,335	33,512,136	4	1	5	0
Case 96	12	33,517,984	33,531,438	3	1	4	0
Case 96	12	33,532,804	34,263,134	2	2	4	0
Case 96	12	34,266,694	34,853,011	2	1	3	0
Case 96	12	37,876,400	38,713,745	2	1	3	0
Case 96	12	38,713,970	132,334,460	2	2	4	0
Case 96	12	132,335,572	132,419,533	2	1	3	0
Case 96	12	132,422,244	133,350,888	2	2	4	0
Case 96	12	133,351,746	133,378,499	2	1	3	0
Case 96	12	133,380,349	133,810,935	2	2	4	0
Case 96	13	19,058,717	21,722,557	4	0	4	1
Case 96	13	21,723,281	21,751,342	3	0	3	1
Case 96	13	21,751,360	50,737,869	4	0	4	1
Case 96	13	50,745,971	50,846,748	3	0	3	1
Case 96	13	50,847,315	85,323,372	4	0	4	1
Case 96	13	85,329,405	85,616,161	3	0	3	1
Case 96	13	85,616,541	115,103,529	4	0	4	1
Case 96	14	19,280,733	19,280,733	2	1	3	0
Case 96	14	19,327,823	20,763,884	1	1	2	0
Case 96	14	20,763,923	22,336,763	2	1	3	0
Case 96	14	22,337,181	23,005,786	3	1	4	0
Case 96	14	23,006,908	45,370,122	2	1	3	0
Case 96	14	45,372,415	45,414,390	2	2	4	0
Case 96	14	45,414,662	105,410,471	2	1	3	0
Case 96	14	105,410,803	105,420,534	3	1	4	0
Case 96	14	105,420,977	107,287,663	2	1	3	0
Case 96	15	20,034,919	42,143,486	3	0	3	1
Case 96	15	42,143,533	42,155,013	2	0	2	1

Case 96	15	42,155,023	43,891,364	3	0	3	1
Case 96	15	43,892,807	43,939,642	2	0	2	1
Case 96	15	43,939,659	64,710,827	3	0	3	1
Case 96	15	64,712,608	64,933,982	2	0	2	1
Case 96	15	64,962,630	102,461,162	3	0	3	1
Case 96	16	88,165	192,314	4	0	4	1
Case 96	16	193,586	309,998	3	0	3	1
Case 96	16	310,018	333,284	2	0	2	1
Case 96	16	333,338	613,524	3	0	3	1
Case 96	16	614,727	731,845	2	0	2	1
Case 96	16	732,799	772,447	3	0	3	1
Case 96	16	772,842	780,942	2	0	2	1
Case 96	16	781,623	818,446	3	0	3	1
Case 96	16	818,452	847,743	2	0	2	1
Case 96	16	847,871	1,271,987	3	0	3	1
Case 96	16	1,272,038	1,273,638	2	0	2	1
Case 96	16	1,273,803	1,381,917	3	0	3	1
Case 96	16	1,383,327	1,396,285	2	0	2	1
Case 96	16	1,396,609	1,536,938	3	0	3	1
Case 96	16	1,537,391	1,537,874	2	0	2	1
Case 96	16	1,537,884	1,799,407	3	0	3	1
Case 96	16	1,802,232	1,974,795	2	0	2	1
Case 96	16	1,976,374	2,000,933	3	0	3	1
Case 96	16	2,002,896	2,051,064	2	0	2	1
Case 96	16	2,051,096	2,130,190	3	0	3	1
Case 96	16	2,130,198	2,147,338	2	0	2	1
Case 96	16	2,152,865	2,259,566	3	0	3	1
Case 96	16	2,259,598	2,293,318	2	0	2	1
Case 96	16	2,294,440	2,506,918	3	0	3	1
Case 96	16	2,510,603	2,522,849	2	0	2	1
Case 96	16	2,522,861	3,010,466	3	0	3	1
Case 96	16	3,014,990	3,056,584	2	0	2	1
Case 96	16	3,061,591	3,165,845	3	0	3	1
Case 96	16	3,165,900	3,217,436	2	0	2	1
Case 96	16	3,219,600	3,599,200	3	0	3	1
Case 96	16	3,602,242	3,632,347	2	0	2	1
Case 96	16	3,632,372	4,359,421	3	0	3	1
Case 96	16	4,367,730	4,460,049	2	0	2	1
Case 96	16	4,462,383	4,557,846	3	0	3	1
Case 96	16	4,557,949	4,821,698	2	0	2	1
Case 96	16	4,828,087	5,020,539	3	0	3	1
Case 96	16	5,021,983	5,097,947	2	0	2	1
Case 96	16	5,105,250	5,143,537	3	0	3	1
Case 96	16	5,145,230	5,331,291	2	0	2	1
Case 96	16	5,331,838	6,291,619	3	0	3	1
Case 96	16	6,293,065	7,848,287	2	1	3	0
Case 96	16	7,854,984	10,173,053	2	2	4	0
Case 96	16	10,175,318	10,418,771	2	1	3	0
Case 96	16	10,423,631	11,945,350	2	2	4	0
Case 96	16	11,945,363	12,522,742	2	1	3	0
Case 96	16	12,525,414	12,704,565	3	1	4	0
Case 96	16	12,706,809	13,072,270	2	1	3	0
Case 96	16	13,073,334	13,764,741	2	2	4	0
Case 96	16	13,764,761	14,766,480	2	1	3	0
Case 96	16	14,771,789	23,350,669	2	2	4	0
Case 96	16	23,360,101	24,429,827	2	1	3	0
Case 96	16	24,433,601	24,580,298	2	0	2	1
Case 96	16	24,580,646	25,360,547	3	0	3	1
Case 96	16	25,373,624	25,591,525	3	1	4	0
Case 96	16	25,596,637	26,513,193	2	1	3	0
Case 96	16	26,518,263	27,896,413	3	0	3	1



Case 96	16	27,897,120	35,285,582	2	1	3	0
Case 96	16	46,450,037	47,223,418	2	1	3	0
Case 96	16	47,224,693	49,554,880	2	2	4	0
Case 96	16	49,555,447	50,142,944	2	1	3	0
Case 96	16	50,160,494	50,711,334	2	2	4	0
Case 96	16	50,711,355	51,942,294	2	1	3	0
Case 96	16	51,942,663	53,514,580	2	2	4	0
Case 96	16	53,524,831	54,560,477	2	1	3	0
Case 96	16	54,578,328	55,773,120	2	2	4	0
Case 96	16	55,778,145	56,000,188	3	1	4	0
Case 96	16	56,005,467	56,673,410	2	2	4	0
Case 96	16	56,674,151	56,703,504	3	1	4	0
Case 96	16	56,703,807	59,020,442	2	2	4	0
Case 96	16	59,022,389	60,146,143	2	1	3	0
Case 96	16	60,161,902	60,446,264	2	0	2	1
Case 96	16	60,446,315	60,844,230	3	0	3	1
Case 96	16	60,844,708	61,436,948	2	0	2	1
Case 96	16	61,438,789	61,898,058	3	0	3	1
Case 96	16	61,899,142	63,982,935	2	0	2	1
Case 96	16	63,987,221	64,554,640	3	0	3	1
Case 96	16	64,562,010	65,247,923	2	1	3	0
Case 96	16	65,250,613	69,008,037	2	2	4	0
Case 96	16	69,026,253	69,832,648	2	1	3	0
Case 96	16	69,832,662	71,209,538	2	2	4	0
Case 96	16	71,218,789	71,488,771	2	1	3	0
Case 96	16	71,490,216	71,571,512	2	2	4	0
Case 96	16	71,571,658	72,094,118	2	1	3	0
Case 96	16	72,094,308	72,389,230	2	2	4	0
Case 96	16	72,407,574	73,359,690	2	1	3	0
Case 96	16	73,362,587	75,922,170	2	2	4	0
Case 96	16	75,924,274	76,461,424	2	1	3	0
Case 96	16	76,461,439	76,565,917	2	2	4	0
Case 96	16	76,566,157	77,605,034	2	1	3	0
Case 96	16	77,608,310	78,789,322	2	2	4	0
Case 96	16	78,790,765	81,916,932	2	1	3	0
Case 96	16	81,919,466	82,169,385	3	1	4	0
Case 96	16	82,181,608	82,646,333	2	1	3	0
Case 96	16	82,646,972	82,741,256	3	1	4	0
Case 96	16	82,751,864	83,999,565	3	0	3	1
Case 96	16	83,999,817	85,847,065	2	1	3	0
Case 96	16	85,847,488	86,613,143	3	1	4	0
Case 96	16	86,613,171	86,836,515	2	1	3	0
Case 96	16	86,839,333	87,383,709	3	1	4	0
Case 96	16	87,386,375	90,274,695	2	2	4	0
Case 96	17	11,885	22,242,355	3	0	3	1
Case 96	17	25,268,142	31,601,378	3	0	3	1
Case 96	17	31,605,630	31,931,498	4	0	4	1
Case 96	17	31,931,592	32,579,788	3	0	3	1
Case 96	17	32,579,814	32,793,597	4	0	4	1
Case 96	17	32,795,684	41,369,729	3	0	3	1
Case 96	17	41,371,844	58,523,761	4	0	4	1
Case 96	17	58,525,018	58,955,084	3	0	3	1
Case 96	17	58,966,538	73,494,963	4	0	4	1
Case 96	17	73,495,025	73,568,125	3	0	3	1
Case 96	17	73,569,308	73,888,262	4	0	4	1
Case 96	17	73,888,407	73,888,439	0	0	0	0
Case 96	17	73,888,472	81,060,040	4	0	4	1
Case 96	18	87,505	15,375,878	2	1	3	0
Case 96	18	18,520,354	18,546,896	2	1	3	0
Case 96	18	18,550,415	23,983,905	3	1	4	0
Case 96	18	23,985,498	24,663,034	3	2	5	0

Case 96	18	24,663,789	24,877,721	2	2	4	0
Case 96	18	24,880,578	25,382,977	3	2	5	0
Case 96	18	25,387,336	25,423,583	2	2	4	0
Case 96	18	25,426,499	32,982,350	3	1	4	0
Case 96	18	32,986,600	35,135,989	1	1	2	0
Case 96	18	35,143,815	35,238,850	2	1	3	0
Case 96	18	35,239,873	42,428,724	1	1	2	0
Case 96	18	42,434,615	42,970,447	2	1	3	0
Case 96	18	42,970,483	43,223,105	1	1	2	0
Case 96	18	43,224,101	43,329,310	2	1	3	0
Case 96	18	43,329,719	44,026,234	1	1	2	0
Case 96	18	44,027,628	44,278,985	2	1	3	0
Case 96	18	44,279,892	44,541,614	1	1	2	0
Case 96	18	44,541,915	44,635,148	2	1	3	0
Case 96	18	44,639,365	45,866,936	1	1	2	0
Case 96	18	45,872,486	46,482,070	2	1	3	0
Case 96	18	46,490,181	47,362,880	1	1	2	0
Case 96	18	47,363,125	47,635,466	2	1	3	0
Case 96	18	47,638,056	47,795,073	1	1	2	0
Case 96	18	47,795,629	47,814,446	2	1	3	0
Case 96	18	47,818,688	54,693,531	1	1	2	0
Case 96	18	54,694,151	54,822,533	2	1	3	0
Case 96	18	54,843,012	55,839,162	1	1	2	0
Case 96	18	55,841,914	56,306,138	2	1	3	0
Case 96	18	56,318,033	61,212,092	1	1	2	0
Case 96	18	61,223,519	61,262,367	2	1	3	0
Case 96	18	61,264,298	71,805,503	1	1	2	0
Case 96	18	71,808,441	71,896,469	2	1	3	0
Case 96	18	71,900,332	72,102,013	1	1	2	0
Case 96	18	72,102,997	72,186,306	2	1	3	0
Case 96	18	72,186,404	72,983,960	1	1	2	0
Case 96	18	72,984,180	73,179,487	2	1	3	0
Case 96	18	73,181,924	74,029,649	1	1	2	0
Case 96	18	74,033,720	74,138,236	2	1	3	0
Case 96	18	74,144,939	74,690,979	1	1	2	0
Case 96	18	74,691,112	74,928,907	2	1	3	0
Case 96	18	74,929,214	75,650,622	1	1	2	0
Case 96	18	75,650,801	75,929,908	2	1	3	0
Case 96	18	75,930,831	76,150,938	1	1	2	0
Case 96	18	76,153,361	76,868,631	2	1	3	0
Case 96	18	76,870,384	78,015,180	3	1	4	0
Case 96	19	260,912	11,227,559	3	0	3	1
Case 96	19	11,227,602	24,487,350	4	0	4	1
Case 96	19	24,490,299	24,629,285	3	0	3	1
Case 96	19	27,732,159	59,097,160	3	0	3	1
Case 96	20	63,244	7,250,002	3	2	5	0
Case 96	20	7,252,261	9,748,829	3	3	6	0
Case 96	20	9,749,518	26,293,985	3	2	5	0
Case 96	20	29,425,357	40,348,273	3	2	5	0
Case 96	20	40,353,798	41,241,888	3	3	6	0
Case 96	20	41,254,183	44,761,896	3	2	5	0
Case 96	20	44,765,458	45,150,235	3	3	6	0
Case 96	20	45,152,468	45,434,399	3	2	5	0
Case 96	20	45,449,779	45,734,412	3	3	6	0
Case 96	20	45,734,587	45,734,587	3	1	4	0
Case 96	20	45,736,467	46,577,654	3	2	5	0
Case 96	20	46,578,103	47,031,920	3	3	6	0
Case 96	20	47,033,706	50,817,761	3	2	5	0
Case 96	20	50,823,305	51,558,452	3	3	6	0
Case 96	20	51,558,691	53,256,245	3	2	5	0
Case 96	20	53,257,755	54,757,601	3	3	6	0

Case 96	20	54,760,515	58,436,963	3	2	5	0
Case 96	20	58,440,630	58,496,438	5	2	7	0
Case 96	20	58,496,439	59,307,221	3	2	5	0
Case 96	20	59,309,596	59,862,019	3	3	6	0
Case 96	20	59,862,269	59,863,111	3	1	4	0
Case 96	20	59,863,972	62,948,788	3	2	5	0
Case 96	21	10,827,533	10,971,337	2	1	3	0
Case 96	21	14,368,320	14,613,203	2	1	3	0
Case 96	21	14,669,931	16,495,307	2	2	4	0
Case 96	21	16,510,753	20,020,025	2	1	3	0
Case 96	21	20,028,118	25,335,327	2	0	2	1
Case 96	21	25,351,030	26,038,972	2	1	3	0
Case 96	21	26,040,742	30,173,301	2	0	2	1
Case 96	21	30,189,876	33,060,747	2	1	3	0
Case 96	21	33,065,598	33,124,238	2	0	2	1
Case 96	21	33,136,524	33,505,090	3	0	3	1
Case 96	21	33,507,584	35,545,060	2	1	3	0
Case 96	21	35,546,799	35,582,703	2	0	2	1
Case 96	21	35,583,910	37,420,650	3	0	3	1
Case 96	21	37,423,599	38,032,750	2	0	2	1
Case 96	21	38,034,172	38,433,519	3	0	3	1
Case 96	21	38,436,825	38,732,228	2	0	2	1
Case 96	21	38,740,824	40,152,372	3	0	3	1
Case 96	21	40,157,281	40,265,938	2	0	2	1
Case 96	21	40,271,392	40,547,329	3	0	3	1
Case 96	21	40,547,555	40,981,218	2	0	2	1
Case 96	21	40,981,260	41,473,566	3	0	3	1
Case 96	21	41,477,207	41,801,051	2	0	2	1
Case 96	21	41,801,762	43,715,013	3	0	3	1
Case 96	21	43,715,801	43,775,884	2	0	2	1
Case 96	21	43,776,682	44,270,175	3	0	3	1
Case 96	21	44,270,215	44,437,142	2	0	2	1
Case 96	21	44,438,248	44,720,146	3	0	3	1
Case 96	21	44,720,807	44,755,474	2	0	2	1
Case 96	21	44,761,874	44,793,806	3	0	3	1
Case 96	21	44,795,084	44,949,285	2	0	2	1
Case 96	21	44,949,684	45,679,399	3	0	3	1
Case 96	21	45,679,565	45,768,350	2	0	2	1
Case 96	21	45,768,598	46,309,895	3	0	3	1
Case 96	21	46,311,264	46,321,818	2	0	2	1
Case 96	21	46,322,487	46,441,947	3	0	3	1
Case 96	21	46,451,705	47,777,106	7	0	7	1
Case 96	21	47,783,487	47,809,254	3	0	3	1
Case 96	21	47,810,597	47,954,252	2	0	2	1
Case 96	21	47,954,567	48,100,155	3	0	3	1
Case 96	22	16,114,244	22,307,519	2	1	3	0
Case 96	22	22,312,879	22,573,637	1	0	1	0
Case 96	22	22,584,809	33,402,843	2	1	3	0
Case 96	22	33,408,519	51,052,379	2	2	4	0
Case 96	22	51,054,264	51,195,728	3	0	3	1
Case 97	1	82,154	121,346,616	2	1	3	0
Case 97	1	142,649,718	143,418,972	2	1	3	0
Case 97	1	143,720,409	158,803,873	2	2	4	0
Case 97	1	158,809,189	159,505,101	3	2	5	0
Case 97	1	159,505,202	159,682,528	4	2	6	0
Case 97	1	159,683,091	162,827,816	3	2	5	0
Case 97	1	162,828,060	164,504,803	4	2	6	0
Case 97	1	164,506,189	165,137,813	3	2	5	0
Case 97	1	165,138,246	165,440,119	4	2	6	0
Case 97	1	165,440,194	166,035,856	3	2	5	0
Case 97	1	166,036,621	166,892,001	4	2	6	0

Case 97	1	166,895,500	168,361,867	3	2	5	0
Case 97	1	168,367,808	169,565,021	4	2	6	0
Case 97	1	169,565,246	169,670,822	3	2	5	0
Case 97	1	169,671,088	169,818,763	4	2	6	0
Case 97	1	169,818,880	169,886,210	3	2	5	0
Case 97	1	169,886,587	170,927,615	4	2	6	0
Case 97	1	170,928,652	171,117,113	3	2	5	0
Case 97	1	171,118,026	171,166,532	4	2	6	0
Case 97	1	171,168,497	171,417,995	3	2	5	0
Case 97	1	171,426,448	171,500,154	4	2	6	0
Case 97	1	171,501,752	171,839,720	3	2	5	0
Case 97	1	171,842,607	173,690,603	4	2	6	0
Case 97	1	173,702,857	174,126,742	3	2	5	0
Case 97	1	174,128,140	174,668,661	4	2	6	0
Case 97	1	174,681,384	174,794,144	3	2	5	0
Case 97	1	174,797,867	174,800,121	2	0	2	1
Case 97	1	174,802,731	177,317,366	3	2	5	0
Case 97	1	177,320,470	177,712,375	4	2	6	0
Case 97	1	177,714,468	179,574,943	3	2	5	0
Case 97	1	179,583,165	179,959,724	4	2	6	0
Case 97	1	179,959,750	183,923,972	3	2	5	0
Case 97	1	183,925,087	184,760,433	4	2	6	0
Case 97	1	184,761,365	184,792,315	3	2	5	0
Case 97	1	184,792,432	186,082,008	4	2	6	0
Case 97	1	186,083,113	186,281,400	3	2	5	0
Case 97	1	186,281,429	194,530,914	4	2	6	0
Case 97	1	194,537,085	195,685,800	3	2	5	0
Case 97	1	195,686,601	196,771,125	2	2	4	0
Case 97	1	196,801,025	196,801,025	3	2	5	0
Case 97	1	196,823,300	196,901,753	4	2	6	0
Case 97	1	196,918,605	218,989,270	2	2	4	0
Case 97	1	218,992,800	228,433,171	3	2	5	0
Case 97	1	228,433,353	228,467,130	3	1	4	0
Case 97	1	228,467,543	228,494,856	3	2	5	0
Case 97	1	228,495,112	228,560,747	3	1	4	0
Case 97	1	228,562,292	249,218,992	3	2	5	0
Case 97	2	18,674	19,298,727	3	1	4	0
Case 97	2	19,299,476	19,376,903	4	1	5	0
Case 97	2	19,378,518	47,136,186	3	1	4	0
Case 97	2	47,145,029	47,486,300	4	0	4	1
Case 97	2	47,489,587	47,590,034	3	0	3	1
Case 97	2	47,593,094	47,635,667	3	2	5	0
Case 97	2	47,637,301	51,612,454	4	2	6	0
Case 97	2	51,618,513	51,626,179	3	2	5	0
Case 97	2	51,629,091	52,198,271	3	1	4	0
Case 97	2	52,200,302	52,430,934	3	2	5	0
Case 97	2	52,433,862	52,706,489	3	1	4	0
Case 97	2	52,707,774	53,838,838	3	2	5	0
Case 97	2	53,845,919	54,483,288	3	1	4	0
Case 97	2	54,490,026	54,693,490	3	2	5	0
Case 97	2	54,703,979	54,904,592	3	1	4	0
Case 97	2	54,905,778	55,251,374	3	2	5	0
Case 97	2	55,252,294	56,354,019	3	1	4	0
Case 97	2	56,354,692	58,915,608	3	2	5	0
Case 97	2	58,922,570	59,290,759	3	1	4	0
Case 97	2	59,290,803	60,573,870	3	2	5	0
Case 97	2	60,575,895	62,728,403	3	1	4	0
Case 97	2	62,729,621	64,698,397	3	2	5	0
Case 97	2	64,699,137	65,758,355	3	1	4	0
Case 97	2	65,759,671	68,187,992	3	2	5	0
Case 97	2	68,188,887	69,135,362	3	1	4	0

Case 97	2	69,139,026	69,715,845	3	2	5	0
Case 97	2	69,723,170	72,010,747	3	1	4	0
Case 97	2	72,011,314	72,722,565	3	2	5	0
Case 97	2	72,722,593	75,287,819	3	1	4	0
Case 97	2	75,290,700	76,649,038	3	2	5	0
Case 97	2	76,654,561	76,870,739	3	1	4	0
Case 97	2	76,874,141	77,947,988	3	2	5	0
Case 97	2	77,950,794	82,900,043	3	1	4	0
Case 97	2	82,905,879	83,041,653	4	1	5	0
Case 97	2	83,047,423	84,090,746	3	1	4	0
Case 97	2	84,093,827	84,924,783	3	2	5	0
Case 97	2	84,924,823	88,390,232	3	1	4	0
Case 97	2	88,391,743	88,464,840	3	2	5	0
Case 97	2	88,464,926	92,081,640	3	1	4	0
Case 97	2	95,429,424	95,444,917	3	1	4	0
Case 97	2	95,455,258	100,956,776	3	2	5	0
Case 97	2	100,956,949	101,236,680	3	1	4	0
Case 97	2	101,241,404	101,599,767	3	2	5	0
Case 97	2	101,602,100	102,492,869	3	1	4	0
Case 97	2	102,493,546	105,012,855	3	2	5	0
Case 97	2	105,019,418	106,157,527	3	1	4	0
Case 97	2	106,159,626	106,477,781	3	2	5	0
Case 97	2	106,479,284	141,751,676	3	1	4	0
Case 97	2	141,752,588	141,867,448	3	2	5	0
Case 97	2	141,871,495	205,620,551	3	1	4	0
Case 97	2	205,623,306	205,623,306	3	0	3	1
Case 97	2	205,623,839	205,674,952	1	0	1	0
Case 97	2	205,685,674	205,703,928	4	0	4	1
Case 97	2	205,710,514	243,048,760	3	1	4	0
Case 97	3	61,495	185,281	4	0	4	1
Case 97	3	191,047	4,751,252	3	0	3	1
Case 97	3	4,751,802	4,868,927	4	0	4	1
Case 97	3	4,869,590	5,380,959	3	0	3	1
Case 97	3	5,388,363	5,563,371	4	0	4	1
Case 97	3	5,564,422	8,403,739	3	0	3	1
Case 97	3	8,404,733	8,602,939	4	0	4	1
Case 97	3	8,603,243	10,413,526	3	0	3	1
Case 97	3	10,413,601	10,797,131	4	0	4	1
Case 97	3	10,801,121	16,052,206	3	0	3	1
Case 97	3	16,068,354	16,197,294	4	0	4	1
Case 97	3	16,199,034	18,031,227	3	0	3	1
Case 97	3	18,038,961	19,441,126	4	0	4	1
Case 97	3	19,442,606	24,082,776	3	0	3	1
Case 97	3	24,083,324	25,632,894	4	0	4	1
Case 97	3	25,633,685	26,425,249	3	0	3	1
Case 97	3	26,432,346	27,281,769	4	0	4	1
Case 97	3	27,284,997	27,702,442	3	0	3	1
Case 97	3	27,706,298	29,499,390	4	0	4	1
Case 97	3	29,500,834	29,703,209	3	0	3	1
Case 97	3	29,703,236	31,789,582	4	0	4	1
Case 97	3	31,791,851	31,852,083	3	0	3	1
Case 97	3	31,856,030	31,919,601	4	0	4	1
Case 97	3	31,922,752	33,948,370	3	0	3	1
Case 97	3	33,956,494	34,905,662	4	0	4	1
Case 97	3	34,908,824	35,651,949	3	0	3	1
Case 97	3	35,661,187	35,826,707	4	0	4	1
Case 97	3	35,832,877	36,095,941	3	0	3	1
Case 97	3	36,097,738	36,873,494	4	0	4	1
Case 97	3	36,873,657	37,458,926	3	0	3	1
Case 97	3	37,458,998	37,777,368	4	0	4	1
Case 97	3	37,778,407	38,304,367	3	0	3	1

Case 97	3	38,307,398	38,616,877	4	0	4	1
Case 97	3	38,619,312	38,645,249	3	0	3	1
Case 97	3	38,645,420	38,966,906	4	0	4	1
Case 97	3	38,968,310	39,133,129	3	0	3	1
Case 97	3	39,135,551	39,178,437	4	0	4	1
Case 97	3	39,178,453	39,225,635	3	0	3	1
Case 97	3	39,225,752	40,236,723	4	0	4	1
Case 97	3	40,237,563	41,037,472	3	0	3	1
Case 97	3	41,037,617	41,210,298	4	0	4	1
Case 97	3	41,212,753	42,994,980	3	0	3	1
Case 97	3	43,005,979	43,176,831	4	0	4	1
Case 97	3	43,179,134	45,124,371	3	0	3	1
Case 97	3	45,125,566	45,853,072	4	0	4	1
Case 97	3	45,855,172	46,244,937	3	0	3	1
Case 97	3	46,245,329	46,485,035	4	0	4	1
Case 97	3	46,486,841	52,817,130	3	0	3	1
Case 97	3	52,817,142	53,899,178	4	0	4	1
Case 97	3	53,899,199	53,985,919	3	0	3	1
Case 97	3	53,992,218	54,819,686	4	0	4	1
Case 97	3	54,825,311	55,177,886	3	0	3	1
Case 97	3	55,179,111	55,237,738	4	0	4	1
Case 97	3	55,241,137	55,733,717	3	0	3	1
Case 97	3	55,734,673	56,533,016	4	0	4	1
Case 97	3	56,533,402	57,026,693	3	0	3	1
Case 97	3	57,031,469	57,134,230	4	0	4	1
Case 97	3	57,136,585	58,562,525	3	0	3	1
Case 97	3	58,563,151	60,053,331	4	0	4	1
Case 97	3	60,055,347	60,059,041	1	0	1	0
Case 97	3	60,062,400	60,071,129	0	0	0	0
Case 97	3	60,073,153	60,089,378	1	0	1	0
Case 97	3	60,089,571	60,110,529	0	0	0	0
Case 97	3	60,116,055	60,122,156	1	0	1	0
Case 97	3	60,122,472	60,260,504	0	0	0	0
Case 97	3	60,263,721	60,299,260	1	0	1	0
Case 97	3	60,305,117	60,390,846	0	0	0	0
Case 97	3	60,396,850	61,132,698	3	0	3	1
Case 97	3	61,136,894	61,348,592	4	0	4	1
Case 97	3	61,356,250	62,319,048	3	0	3	1
Case 97	3	62,324,103	65,173,884	4	0	4	1
Case 97	3	65,177,996	65,522,392	2	0	2	1
Case 97	3	65,523,923	65,663,133	3	0	3	1
Case 97	3	65,674,722	68,964,333	4	0	4	1
Case 97	3	68,965,552	69,506,162	3	0	3	1
Case 97	3	69,508,222	69,607,472	4	0	4	1
Case 97	3	69,609,107	69,758,426	3	0	3	1
Case 97	3	69,758,910	72,126,604	4	0	4	1
Case 97	3	72,126,831	73,968,051	3	0	3	1
Case 97	3	73,971,120	74,097,623	4	0	4	1
Case 97	3	74,098,901	90,442,925	3	0	3	1
Case 97	3	93,537,290	97,606,672	3	0	3	1
Case 97	3	97,609,951	97,958,635	4	0	4	1
Case 97	3	97,960,399	98,814,043	3	0	3	1
Case 97	3	98,831,335	99,509,830	4	0	4	1
Case 97	3	99,509,836	99,568,791	3	0	3	1
Case 97	3	99,568,956	99,990,891	4	0	4	1
Case 97	3	99,998,531	100,105,110	3	0	3	1
Case 97	3	100,107,095	100,962,917	4	0	4	1
Case 97	3	100,963,154	101,540,407	3	0	3	1
Case 97	3	101,540,509	102,415,127	4	0	4	1
Case 97	3	102,424,262	105,438,994	3	0	3	1
Case 97	3	105,439,026	105,717,509	4	0	4	1

Case 97	3	105,717,770	106,860,495	3	0	3	1
Case 97	3	106,861,626	108,117,694	4	0	4	1
Case 97	3	108,119,071	110,084,303	3	0	3	1
Case 97	3	110,087,264	111,836,355	4	0	4	1
Case 97	3	111,836,566	111,990,941	3	0	3	1
Case 97	3	111,993,752	113,028,334	4	0	4	1
Case 97	3	113,034,316	113,937,999	3	0	3	1
Case 97	3	113,939,244	115,162,379	4	0	4	1
Case 97	3	115,192,910	115,200,732	1	0	1	0
Case 97	3	115,205,520	115,289,876	0	0	0	0
Case 97	3	115,290,089	115,293,391	1	0	1	0
Case 97	3	115,297,011	115,335,684	0	0	0	0
Case 97	3	115,339,747	115,536,212	4	0	4	1
Case 97	3	115,543,891	115,596,317	1	0	1	0
Case 97	3	115,598,604	115,679,228	0	0	0	0
Case 97	3	115,679,429	115,687,191	1	0	1	0
Case 97	3	115,704,434	115,786,741	4	0	4	1
Case 97	3	115,789,995	116,166,190	3	0	3	1
Case 97	3	116,166,378	117,014,065	4	0	4	1
Case 97	3	117,015,399	117,194,656	3	0	3	1
Case 97	3	117,200,255	117,819,107	4	0	4	1
Case 97	3	117,822,657	118,221,011	3	0	3	1
Case 97	3	118,223,589	118,501,868	4	0	4	1
Case 97	3	118,502,435	118,865,970	3	0	3	1
Case 97	3	118,866,003	118,941,441	4	0	4	1
Case 97	3	118,942,956	121,723,700	3	0	3	1
Case 97	3	121,724,163	122,060,340	4	0	4	1
Case 97	3	122,060,367	122,645,304	3	0	3	1
Case 97	3	122,645,440	122,894,253	4	0	4	1
Case 97	3	122,894,688	122,995,631	3	0	3	1
Case 97	3	123,001,494	123,587,569	4	0	4	1
Case 97	3	123,593,561	123,686,157	3	0	3	1
Case 97	3	123,687,254	124,540,832	4	0	4	1
Case 97	3	124,544,266	124,687,767	3	0	3	1
Case 97	3	124,688,269	124,967,313	4	0	4	1
Case 97	3	124,979,404	125,748,213	3	0	3	1
Case 97	3	125,758,232	125,849,031	4	0	4	1
Case 97	3	125,849,099	126,756,304	3	0	3	1
Case 97	3	126,757,949	127,281,914	4	0	4	1
Case 97	3	127,290,140	127,411,064	3	0	3	1
Case 97	3	127,411,093	128,243,631	4	0	4	1
Case 97	3	128,245,696	129,946,531	3	0	3	1
Case 97	3	129,964,201	130,612,466	4	0	4	1
Case 97	3	130,620,210	130,742,901	3	0	3	1
Case 97	3	130,743,369	131,947,937	4	0	4	1
Case 97	3	131,952,108	132,451,038	3	0	3	1
Case 97	3	132,457,395	132,860,651	4	0	4	1
Case 97	3	132,862,516	132,905,128	3	0	3	1
Case 97	3	132,905,331	133,436,136	3	1	4	0
Case 97	3	133,437,778	135,643,303	3	2	5	0
Case 97	3	135,648,685	136,667,668	3	1	4	0
Case 97	3	136,671,761	138,669,236	3	2	5	0
Case 97	3	138,669,289	139,292,494	2	2	4	0
Case 97	3	139,294,516	141,365,883	3	2	5	0
Case 97	3	141,368,245	141,563,276	3	1	4	0
Case 97	3	141,564,786	148,962,041	3	2	5	0
Case 97	3	148,964,692	148,967,335	2	0	2	1
Case 97	3	148,973,465	163,664,285	3	2	5	0
Case 97	3	163,671,071	164,083,080	3	1	4	0
Case 97	3	164,087,419	175,228,372	3	2	5	0
Case 97	3	175,233,654	176,011,401	2	0	2	1

Case 97	3	176,014,233	178,402,265	3	2	5	0
Case 97	3	178,416,735	179,545,261	3	1	4	0
Case 97	3	179,561,502	180,304,277	3	2	5	0
Case 97	3	180,311,168	180,932,119	3	1	4	0
Case 97	3	180,934,200	182,662,324	3	2	5	0
Case 97	3	182,663,516	183,017,965	3	1	4	0
Case 97	3	183,020,592	183,335,322	3	2	5	0
Case 97	3	183,339,096	184,299,085	3	1	4	0
Case 97	3	184,302,634	185,175,570	3	2	5	0
Case 97	3	185,180,812	185,295,704	3	1	4	0
Case 97	3	185,296,602	186,272,719	3	2	5	0
Case 97	3	186,272,721	186,606,285	3	1	4	0
Case 97	3	186,609,682	194,067,766	3	2	5	0
Case 97	3	194,079,911	194,415,887	3	1	4	0
Case 97	3	194,417,029	195,238,559	3	2	5	0
Case 97	3	195,240,670	195,308,171	3	1	4	0
Case 97	3	195,310,679	195,474,126	3	2	5	0
Case 97	3	195,474,138	197,838,262	3	1	4	0
Case 97	4	71,566	3,519,881	3	0	3	1
Case 97	4	3,519,917	3,780,072	4	0	4	1
Case 97	4	3,787,202	4,610,628	3	0	3	1
Case 97	4	4,614,187	4,860,402	4	0	4	1
Case 97	4	4,861,844	5,394,914	3	0	3	1
Case 97	4	5,395,071	5,461,855	4	0	4	1
Case 97	4	5,461,893	5,803,903	3	0	3	1
Case 97	4	5,804,830	6,058,732	4	0	4	1
Case 97	4	6,059,226	6,304,118	3	0	3	1
Case 97	4	6,304,124	6,575,960	4	0	4	1
Case 97	4	6,577,023	6,817,928	3	0	3	1
Case 97	4	6,826,228	7,372,806	2	0	2	1
Case 97	4	7,373,836	7,428,355	4	0	4	1
Case 97	4	7,431,266	7,436,486	3	0	3	1
Case 97	4	7,437,059	7,853,361	4	0	4	1
Case 97	4	7,857,293	8,086,655	3	0	3	1
Case 97	4	8,089,598	8,214,545	4	0	4	1
Case 97	4	8,214,553	9,930,962	3	0	3	1
Case 97	4	9,934,744	10,440,704	4	0	4	1
Case 97	4	10,444,650	10,902,159	3	0	3	1
Case 97	4	10,903,005	11,537,238	4	0	4	1
Case 97	4	11,538,001	12,297,535	3	0	3	1
Case 97	4	12,303,661	12,679,993	4	0	4	1
Case 97	4	12,682,297	13,026,562	3	0	3	1
Case 97	4	13,026,792	13,102,351	4	0	4	1
Case 97	4	13,102,477	15,090,453	3	0	3	1
Case 97	4	15,096,523	15,549,778	4	0	4	1
Case 97	4	15,552,295	15,707,208	3	0	3	1
Case 97	4	15,707,250	17,272,182	4	0	4	1
Case 97	4	17,273,603	18,035,250	3	0	3	1
Case 97	4	18,037,800	18,522,138	4	0	4	1
Case 97	4	18,553,345	21,601,372	3	0	3	1
Case 97	4	21,601,449	21,622,448	4	0	4	1
Case 97	4	21,622,793	21,770,028	2	0	2	1
Case 97	4	21,778,153	22,519,313	4	0	4	1
Case 97	4	22,521,890	40,123,399	3	0	3	1
Case 97	4	40,123,462	40,158,464	2	0	2	1
Case 97	4	40,162,971	42,003,775	3	0	3	1
Case 97	4	42,006,057	49,620,898	2	2	4	0
Case 97	4	52,697,856	58,639,261	2	2	4	0
Case 97	4	58,642,656	59,629,835	3	1	4	0
Case 97	4	59,630,002	59,819,545	3	2	5	0
Case 97	4	59,832,091	60,344,490	2	2	4	0



Case 97	4	60,356,966	69,606,943	2	1	3	0
Case 97	4	69,611,505	69,611,505	2	2	4	0
Case 97	4	69,613,030	70,354,794	3	0	3	1
Case 97	4	70,354,811	70,354,811	2	2	4	0
Case 97	4	70,355,211	190,963,766	2	1	3	0
Case 97	5	38,139	438,564	3	2	5	0
Case 97	5	442,586	676,806	2	2	4	0
Case 97	5	677,718	1,027,182	3	2	5	0
Case 97	5	1,032,032	1,847,639	2	2	4	0
Case 97	5	1,850,220	2,137,758	3	2	5	0
Case 97	5	2,140,755	45,303,672	3	1	4	0
Case 97	5	45,305,521	45,840,303	3	2	5	0
Case 97	5	45,841,630	46,399,093	3	1	4	0
Case 97	5	49,457,282	139,828,797	3	1	4	0
Case 97	5	139,828,814	139,931,384	4	0	4	1
Case 97	5	139,931,607	139,931,617	1	0	1	0
Case 97	5	139,931,618	139,931,644	0	0	0	0
Case 97	5	139,931,646	139,931,652	1	0	1	0
Case 97	5	139,931,653	139,936,825	3	0	3	1
Case 97	5	139,936,835	161,536,928	3	1	4	0
Case 97	5	161,537,130	161,537,130	4	0	4	1
Case 97	5	161,541,735	161,546,821	1	0	1	0
Case 97	5	161,561,803	161,561,803	4	0	4	1
Case 97	5	161,562,004	180,567,719	3	1	4	0
Case 97	5	180,575,250	180,579,244	3	0	3	1
Case 97	5	180,579,560	180,581,761	2	2	4	0
Case 97	5	180,582,003	180,693,127	2	1	3	0
Case 97	6	108,666	26,124,243	3	1	4	0
Case 97	6	26,124,303	29,459,260	4	0	4	1
Case 97	6	29,461,914	31,336,644	3	1	4	0
Case 97	6	31,336,891	31,338,528	4	0	4	1
Case 97	6	31,340,075	31,341,357	1	0	1	0
Case 97	6	31,342,484	31,342,484	4	0	4	1
Case 97	6	31,342,631	33,037,453	3	1	4	0
Case 97	6	33,037,454	33,398,620	4	0	4	1
Case 97	6	33,399,778	58,752,089	3	1	4	0
Case 97	6	61,891,118	71,963,483	3	1	4	0
Case 97	6	71,968,427	73,746,516	4	1	5	0
Case 97	6	73,749,861	75,140,143	3	1	4	0
Case 97	6	75,140,978	75,829,467	4	1	5	0
Case 97	6	75,833,070	76,741,709	3	1	4	0
Case 97	6	76,744,298	83,479,174	4	1	5	0
Case 97	6	83,481,903	83,947,458	3	1	4	0
Case 97	6	83,947,495	86,870,628	4	1	5	0
Case 97	6	86,874,123	88,241,110	4	0	4	1
Case 97	6	88,250,589	88,385,579	3	0	3	1
Case 97	6	88,387,600	90,442,119	4	0	4	1
Case 97	6	90,442,330	90,486,354	3	0	3	1
Case 97	6	90,486,365	99,858,695	4	0	4	1
Case 97	6	99,858,828	99,936,165	3	0	3	1
Case 97	6	99,939,045	119,076,378	4	0	4	1
Case 97	6	119,079,281	119,443,290	3	1	4	0
Case 97	6	119,447,352	121,402,024	4	1	5	0
Case 97	6	121,412,114	122,075,563	3	1	4	0
Case 97	6	122,078,300	122,410,187	4	1	5	0
Case 97	6	122,414,296	123,148,664	3	1	4	0
Case 97	6	123,154,371	123,989,741	4	1	5	0
Case 97	6	124,003,483	124,310,248	3	1	4	0
Case 97	6	124,310,564	125,172,488	4	1	5	0
Case 97	6	125,175,526	125,500,534	3	1	4	0
Case 97	6	125,501,314	127,481,154	4	1	5	0

Case 97	6	127,483,308	128,028,593	3	1	4	0
Case 97	6	128,035,339	130,368,508	4	1	5	0
Case 97	6	130,370,485	130,608,255	3	1	4	0
Case 97	6	130,611,364	131,184,770	4	1	5	0
Case 97	6	131,184,914	131,277,586	3	1	4	0
Case 97	6	131,278,669	131,897,278	4	1	5	0
Case 97	6	131,897,807	132,163,617	3	1	4	0
Case 97	6	132,167,290	132,846,134	4	1	5	0
Case 97	6	132,854,027	133,126,220	3	1	4	0
Case 97	6	133,132,500	133,852,051	4	1	5	0
Case 97	6	133,857,604	135,957,359	3	1	4	0
Case 97	6	135,957,792	136,475,578	4	1	5	0
Case 97	6	136,482,727	137,841,810	3	1	4	0
Case 97	6	137,842,399	138,413,333	4	1	5	0
Case 97	6	138,413,360	139,989,016	3	1	4	0
Case 97	6	139,990,860	144,009,132	4	1	5	0
Case 97	6	144,011,546	144,184,557	3	1	4	0
Case 97	6	144,185,414	144,640,340	4	1	5	0
Case 97	6	144,641,358	145,187,154	3	1	4	0
Case 97	6	145,199,259	145,956,611	4	1	5	0
Case 97	6	146,004,677	146,870,930	3	1	4	0
Case 97	6	146,872,685	148,062,400	4	1	5	0
Case 97	6	148,066,394	150,572,208	3	1	4	0
Case 97	6	150,575,200	151,048,986	4	1	5	0
Case 97	6	151,055,031	152,022,802	3	1	4	0
Case 97	6	152,024,415	152,438,103	4	1	5	0
Case 97	6	152,441,587	153,551,654	3	1	4	0
Case 97	6	153,559,877	153,714,440	4	1	5	0
Case 97	6	153,724,545	153,855,165	3	1	4	0
Case 97	6	153,857,936	154,274,843	4	1	5	0
Case 97	6	154,278,203	155,625,104	3	1	4	0
Case 97	6	155,630,653	156,868,110	4	1	5	0
Case 97	6	156,868,655	159,672,455	3	1	4	0
Case 97	6	159,672,489	159,942,291	4	1	5	0
Case 97	6	159,944,996	163,072,782	3	1	4	0
Case 97	6	163,081,812	163,326,692	4	1	5	0
Case 97	6	163,328,595	170,980,171	3	1	4	0
Case 97	7	44,935	3,258,801	3	2	5	0
Case 97	7	3,264,548	3,631,115	4	2	6	0
Case 97	7	3,638,547	6,876,312	3	2	5	0
Case 97	7	6,901,445	13,522,169	4	2	6	0
Case 97	7	13,527,659	14,675,706	4	0	4	1
Case 97	7	14,682,282	16,408,071	4	2	6	0
Case 97	7	16,409,318	19,547,949	4	1	5	0
Case 97	7	19,547,969	19,629,693	4	0	4	1
Case 97	7	19,632,320	19,642,100	3	0	3	1
Case 97	7	19,644,307	20,640,509	5	0	5	1
Case 97	7	20,640,630	20,640,630	3	0	3	1
Case 97	7	20,640,689	38,268,395	4	0	4	1
Case 97	7	38,268,811	38,385,938	5	0	5	1
Case 97	7	38,412,022	38,412,022	3	0	3	1
Case 97	7	38,412,988	50,512,284	4	0	4	1
Case 97	7	50,512,929	50,512,929	1	0	1	0
Case 97	7	50,513,062	50,517,271	0	0	0	0
Case 97	7	50,525,420	58,019,061	4	0	4	1
Case 97	7	61,056,053	61,852,895	4	0	4	1
Case 97	7	61,994,170	62,397,642	3	0	3	1
Case 97	7	62,413,547	87,997,384	4	0	4	1
Case 97	7	87,999,503	88,588,037	5	0	5	1
Case 97	7	88,591,502	92,244,422	4	0	4	1
Case 97	7	92,244,486	92,244,486	3	0	3	1

Case 97	7	92,247,327	96,593,097	5	0	5	1
Case 97	7	96,598,826	96,598,826	3	0	3	1
Case 97	7	96,605,368	103,205,827	4	0	4	1
Case 97	7	103,205,840	103,746,862	5	0	5	1
Case 97	7	103,749,889	103,749,889	3	0	3	1
Case 97	7	103,759,385	107,891,529	4	0	4	1
Case 97	7	107,893,220	111,409,724	5	0	5	1
Case 97	7	111,415,150	111,630,024	3	0	3	1
Case 97	7	111,632,687	112,579,723	4	0	4	1
Case 97	7	112,579,733	112,579,733	3	0	3	1
Case 97	7	112,579,920	118,570,281	5	0	5	1
Case 97	7	118,570,452	118,570,452	3	0	3	1
Case 97	7	118,570,487	118,652,797	3	2	5	0
Case 97	7	118,669,625	119,469,564	4	2	6	0
Case 97	7	119,493,570	122,534,888	4	1	5	0
Case 97	7	122,542,284	122,596,254	5	1	6	0
Case 97	7	122,599,299	122,599,299	3	0	3	1
Case 97	7	122,601,667	126,107,001	5	0	5	1
Case 97	7	126,112,702	126,112,702	3	0	3	1
Case 97	7	126,113,335	159,119,486	4	0	4	1
Case 97	8	164,984	7,007,415	2	2	4	0
Case 97	8	7,308,659	7,726,969	7	0	7	1
Case 97	8	7,881,478	10,968,189	2	2	4	0
Case 97	8	10,969,075	12,181,277	7	0	7	1
Case 97	8	12,483,094	17,747,385	2	2	4	0
Case 97	8	17,747,717	17,867,211	3	1	4	0
Case 97	8	17,868,775	17,868,775	3	2	5	0
Case 97	8	17,868,817	43,545,511	2	2	4	0
Case 97	8	43,570,196	43,791,691	2	1	3	0
Case 97	8	46,886,735	47,469,217	2	1	3	0
Case 97	8	47,471,180	59,483,470	2	2	4	0
Case 97	8	59,484,832	78,990,829	2	1	3	0
Case 97	8	78,995,713	80,903,607	4	1	5	0
Case 97	8	80,909,229	81,545,195	3	1	4	0
Case 97	8	81,547,071	85,877,421	4	1	5	0
Case 97	8	85,880,705	88,411,051	3	1	4	0
Case 97	8	88,411,745	90,638,201	4	1	5	0
Case 97	8	90,638,305	90,945,833	3	1	4	0
Case 97	8	90,946,056	91,483,618	4	1	5	0
Case 97	8	91,488,124	92,398,290	3	1	4	0
Case 97	8	92,398,874	94,654,207	4	1	5	0
Case 97	8	94,662,817	94,934,664	3	1	4	0
Case 97	8	94,938,346	95,264,265	4	1	5	0
Case 97	8	95,267,327	96,444,628	3	1	4	0
Case 97	8	96,446,676	96,904,970	4	1	5	0
Case 97	8	96,905,699	99,243,178	3	1	4	0
Case 97	8	99,245,008	99,779,588	4	1	5	0
Case 97	8	99,788,975	101,691,690	3	1	4	0
Case 97	8	101,705,480	101,862,313	3	2	5	0
Case 97	8	101,863,176	102,133,555	3	1	4	0
Case 97	8	102,137,549	102,293,420	4	1	5	0
Case 97	8	102,295,395	102,715,695	3	1	4	0
Case 97	8	102,718,362	102,920,114	4	1	5	0
Case 97	8	102,923,137	105,906,441	3	1	4	0
Case 97	8	105,912,844	106,256,501	4	1	5	0
Case 97	8	106,257,210	107,355,371	3	1	4	0
Case 97	8	107,372,260	107,582,421	4	1	5	0
Case 97	8	107,585,062	107,840,533	3	1	4	0
Case 97	8	107,840,797	108,509,502	4	1	5	0
Case 97	8	108,509,677	110,616,994	3	1	4	0
Case 97	8	110,622,831	110,948,848	4	1	5	0

Case 97	8	110,967,302	113,516,174	3	1	4	0
Case 97	8	113,518,467	114,219,025	4	1	5	0
Case 97	8	114,227,020	116,697,380	3	1	4	0
Case 97	8	116,700,847	117,109,176	4	1	5	0
Case 97	8	117,113,215	118,000,569	3	1	4	0
Case 97	8	118,001,867	118,853,829	4	1	5	0
Case 97	8	118,856,307	119,300,988	3	1	4	0
Case 97	8	119,303,457	120,215,645	4	1	5	0
Case 97	8	120,216,957	121,739,448	3	1	4	0
Case 97	8	121,749,124	122,498,253	4	1	5	0
Case 97	8	122,501,989	124,835,357	3	1	4	0
Case 97	8	124,837,723	125,291,320	4	1	5	0
Case 97	8	125,293,035	126,798,409	3	1	4	0
Case 97	8	126,799,011	127,425,147	4	1	5	0
Case 97	8	127,437,105	127,869,423	3	1	4	0
Case 97	8	127,877,348	128,548,678	4	1	5	0
Case 97	8	128,550,123	129,121,956	3	1	4	0
Case 97	8	129,124,831	130,701,417	4	1	5	0
Case 97	8	130,702,280	135,003,093	3	1	4	0
Case 97	8	135,005,295	135,056,888	4	0	4	1
Case 97	8	135,062,170	135,065,947	1	0	1	0
Case 97	8	135,068,340	135,070,667	4	0	4	1
Case 97	8	135,077,117	146,293,414	3	1	4	0
Case 97	9	46,587	9,066,755	3	0	3	1
Case 97	9	9,069,839	9,348,102	2	0	2	1
Case 97	9	9,348,853	9,506,433	3	0	3	1
Case 97	9	9,516,348	10,102,903	2	0	2	1
Case 97	9	10,107,399	17,261,209	3	0	3	1
Case 97	9	17,269,437	17,391,531	2	0	2	1
Case 97	9	17,394,536	17,404,464	4	0	4	1
Case 97	9	17,409,391	17,470,126	2	0	2	1
Case 97	9	17,474,085	19,162,016	3	0	3	1
Case 97	9	19,163,207	19,345,984	2	0	2	1
Case 97	9	19,346,176	21,239,720	3	0	3	1
Case 97	9	21,239,850	21,239,850	1	0	1	0
Case 97	9	21,255,150	21,332,295	0	0	0	0
Case 97	9	21,333,058	21,334,396	1	0	1	0
Case 97	9	21,334,735	21,481,642	0	0	0	0
Case 97	9	21,485,974	21,504,203	1	0	1	0
Case 97	9	21,504,973	21,555,445	0	0	0	0
Case 97	9	21,565,674	21,606,786	1	0	1	0
Case 97	9	21,611,256	21,826,387	0	0	0	0
Case 97	9	21,830,479	21,857,303	1	0	1	0
Case 97	9	21,861,552	22,451,371	0	0	0	0
Case 97	9	22,451,501	22,451,906	1	0	1	0
Case 97	9	22,454,125	22,614,985	0	0	0	0
Case 97	9	22,616,426	26,867,333	3	0	3	1
Case 97	9	26,869,532	27,066,281	2	0	2	1
Case 97	9	27,074,233	31,955,694	3	0	3	1
Case 97	9	31,970,850	31,970,850	4	0	4	1
Case 97	9	31,977,623	33,367,088	4	2	6	0
Case 97	9	33,367,523	33,466,088	3	2	5	0
Case 97	9	33,466,142	34,607,766	4	2	6	0
Case 97	9	34,610,330	34,743,681	3	2	5	0
Case 97	9	34,759,890	35,041,604	4	2	6	0
Case 97	9	35,042,268	35,101,909	4	1	5	0
Case 97	9	35,102,743	35,674,204	4	2	6	0
Case 97	9	35,674,208	35,811,215	3	2	5	0
Case 97	9	35,811,228	35,881,628	4	2	6	0
Case 97	9	35,887,412	35,908,488	2	2	4	0
Case 97	9	35,910,945	36,110,806	3	2	5	0

Case 97	9	36,113,712	36,173,934	2	2	4	0
Case 97	9	36,186,264	43,127,335	3	2	5	0
Case 97	9	43,314,125	46,944,322	3	1	4	0
Case 97	9	65,629,772	140,243,566	3	1	4	0
Case 97	9	140,243,573	140,268,976	3	0	3	1
Case 97	9	140,271,414	141,066,491	3	1	4	0
Case 97	10	98,087	1,753,115	3	2	5	0
Case 97	10	1,753,194	2,163,119	4	2	6	0
Case 97	10	2,165,018	2,205,704	3	2	5	0
Case 97	10	2,208,519	2,743,897	4	2	6	0
Case 97	10	2,744,038	4,237,510	3	2	5	0
Case 97	10	4,238,622	4,832,920	4	2	6	0
Case 97	10	4,833,049	5,008,383	3	2	5	0
Case 97	10	5,009,364	5,389,209	4	2	6	0
Case 97	10	5,390,759	6,786,045	3	2	5	0
Case 97	10	6,788,713	6,952,360	4	2	6	0
Case 97	10	6,954,586	8,660,095	3	2	5	0
Case 97	10	8,660,732	8,834,391	4	2	6	0
Case 97	10	8,839,830	9,546,541	3	2	5	0
Case 97	10	9,550,386	10,192,591	4	2	6	0
Case 97	10	10,194,028	10,436,135	3	2	5	0
Case 97	10	10,444,276	10,624,738	4	2	6	0
Case 97	10	10,626,134	10,743,956	3	2	5	0
Case 97	10	10,752,363	10,918,103	4	2	6	0
Case 97	10	10,922,068	11,067,117	3	2	5	0
Case 97	10	11,075,133	11,231,831	4	2	6	0
Case 97	10	11,234,033	14,137,810	3	2	5	0
Case 97	10	14,145,486	14,427,216	4	2	6	0
Case 97	10	14,428,263	14,496,265	3	2	5	0
Case 97	10	14,498,050	14,731,449	4	2	6	0
Case 97	10	14,733,465	15,617,571	3	2	5	0
Case 97	10	15,618,479	16,100,091	4	2	6	0
Case 97	10	16,116,747	16,975,190	3	2	5	0
Case 97	10	16,976,226	17,052,955	4	2	6	0
Case 97	10	17,059,462	17,340,342	3	2	5	0
Case 97	10	17,340,415	17,362,784	4	2	6	0
Case 97	10	17,362,991	17,394,523	3	2	5	0
Case 97	10	17,395,500	17,548,038	4	2	6	0
Case 97	10	17,554,259	17,889,596	3	2	5	0
Case 97	10	17,891,594	18,520,535	4	2	6	0
Case 97	10	18,522,109	18,993,303	3	2	5	0
Case 97	10	18,996,761	19,814,842	4	2	6	0
Case 97	10	19,820,560	19,990,132	3	2	5	0
Case 97	10	20,002,736	37,316,573	2	2	4	0
Case 97	10	37,323,786	39,011,138	4	0	4	1
Case 97	10	39,030,136	39,097,912	3	0	3	1
Case 97	10	42,436,301	42,794,377	3	0	3	1
Case 97	10	42,810,976	44,886,206	3	1	4	0
Case 97	10	44,887,235	45,431,416	3	2	5	0
Case 97	10	45,432,386	51,908,856	3	1	4	0
Case 97	10	52,002,204	52,108,830	3	2	5	0
Case 97	10	52,109,375	52,897,074	3	1	4	0
Case 97	10	52,897,900	53,015,492	3	2	5	0
Case 97	10	53,018,107	53,260,753	3	1	4	0
Case 97	10	53,261,988	53,445,667	3	2	5	0
Case 97	10	53,454,071	53,721,665	3	1	4	0
Case 97	10	53,727,464	53,944,877	3	2	5	0
Case 97	10	53,945,382	54,175,474	3	1	4	0
Case 97	10	54,175,591	54,405,487	3	2	5	0
Case 97	10	54,408,006	54,575,721	3	1	4	0
Case 97	10	54,583,109	55,104,497	3	2	5	0

Case 97	10	55,107,805	58,564,731	3	1	4	0
Case 97	10	58,573,238	58,702,440	3	2	5	0
Case 97	10	58,721,707	58,725,991	2	2	4	0
Case 97	10	58,730,014	60,562,980	3	1	4	0
Case 97	10	60,565,959	61,004,817	3	2	5	0
Case 97	10	61,005,244	61,966,755	3	1	4	0
Case 97	10	61,967,879	64,414,634	3	2	5	0
Case 97	10	64,414,641	66,442,823	3	1	4	0
Case 97	10	66,448,472	66,938,581	3	2	5	0
Case 97	10	66,940,792	70,101,417	3	1	4	0
Case 97	10	70,101,436	70,210,004	3	0	3	1
Case 97	10	70,213,168	91,484,835	3	1	4	0
Case 97	10	91,487,648	91,518,638	3	0	3	1
Case 97	10	91,520,368	111,581,612	3	1	4	0
Case 97	10	111,585,360	115,006,062	3	0	3	1
Case 97	10	115,010,255	115,409,840	4	0	4	1
Case 97	10	115,410,197	124,086,757	3	0	3	1
Case 97	10	124,087,092	124,122,430	4	0	4	1
Case 97	10	124,122,632	124,237,612	3	0	3	1
Case 97	10	124,239,437	124,431,063	4	0	4	1
Case 97	10	124,436,530	129,111,606	3	0	3	1
Case 97	10	129,117,721	129,263,589	4	0	4	1
Case 97	10	129,264,247	135,477,883	3	0	3	1
Case 97	11	193,146	4,552,102	3	0	3	1
Case 97	11	4,560,369	5,022,036	4	0	4	1
Case 97	11	5,026,200	5,535,007	3	0	3	1
Case 97	11	5,535,529	5,628,072	4	0	4	1
Case 97	11	5,630,635	5,844,353	3	0	3	1
Case 97	11	5,845,004	6,029,540	4	0	4	1
Case 97	11	6,030,442	6,898,525	3	0	3	1
Case 97	11	6,898,540	6,913,540	4	0	4	1
Case 97	11	6,913,725	7,488,051	3	0	3	1
Case 97	11	7,488,341	7,690,483	4	0	4	1
Case 97	11	7,690,873	8,261,298	3	0	3	1
Case 97	11	8,262,401	8,424,590	4	0	4	1
Case 97	11	8,430,938	10,656,687	3	0	3	1
Case 97	11	10,658,735	10,691,721	4	0	4	1
Case 97	11	10,693,584	11,037,708	3	0	3	1
Case 97	11	11,038,332	11,120,206	4	0	4	1
Case 97	11	11,121,557	11,169,808	3	0	3	1
Case 97	11	11,172,701	11,809,438	4	0	4	1
Case 97	11	11,811,025	11,866,815	3	0	3	1
Case 97	11	11,868,549	12,040,870	4	0	4	1
Case 97	11	12,041,496	12,084,910	3	0	3	1
Case 97	11	12,089,056	13,402,409	4	0	4	1
Case 97	11	13,402,787	13,974,866	3	0	3	1
Case 97	11	13,975,534	14,072,663	4	0	4	1
Case 97	11	14,073,705	14,918,308	3	0	3	1
Case 97	11	14,921,880	15,177,259	4	0	4	1
Case 97	11	15,177,950	15,247,313	3	0	3	1
Case 97	11	15,247,355	16,474,547	4	0	4	1
Case 97	11	16,480,518	16,759,078	3	0	3	1
Case 97	11	16,760,244	16,897,595	4	0	4	1
Case 97	11	16,902,268	17,418,752	3	0	3	1
Case 97	11	17,419,279	17,877,603	4	0	4	1
Case 97	11	17,878,564	19,235,154	3	0	3	1
Case 97	11	19,238,380	20,138,670	4	0	4	1
Case 97	11	20,139,768	20,545,376	3	0	3	1
Case 97	11	20,545,926	20,907,061	4	0	4	1
Case 97	11	20,907,067	21,104,020	3	0	3	1
Case 97	11	21,107,429	21,594,896	4	0	4	1

Case 97	11	21,596,539	26,508,441	3	0	3	1
Case 97	11	26,514,931	26,692,742	4	0	4	1
Case 97	11	26,692,773	32,449,799	3	1	4	0
Case 97	11	32,450,067	32,495,550	4	0	4	1
Case 97	11	32,498,355	33,477,930	3	0	3	1
Case 97	11	33,498,468	51,591,253	3	1	4	0
Case 97	11	54,794,237	59,738,667	3	1	4	0
Case 97	11	59,742,575	60,111,152	3	2	5	0
Case 97	11	60,112,812	78,473,085	3	1	4	0
Case 97	11	78,474,794	78,608,890	3	2	5	0
Case 97	11	78,621,360	133,223,524	3	1	4	0
Case 97	11	133,225,805	133,412,141	4	1	5	0
Case 97	11	133,412,491	134,696,354	3	1	4	0
Case 97	11	134,705,943	134,934,063	4	1	5	0
Case 97	12	191,619	401,960	4	0	4	1
Case 97	12	402,118	520,947	3	0	3	1
Case 97	12	521,010	638,166	4	0	4	1
Case 97	12	644,337	662,597	3	0	3	1
Case 97	12	662,605	724,279	4	0	4	1
Case 97	12	736,714	1,563,871	3	0	3	1
Case 97	12	1,565,144	1,646,931	4	0	4	1
Case 97	12	1,649,616	2,133,967	3	0	3	1
Case 97	12	2,135,026	2,760,761	4	0	4	1
Case 97	12	2,760,829	3,234,893	3	0	3	1
Case 97	12	3,238,008	3,954,556	4	0	4	1
Case 97	12	3,958,713	4,243,222	3	0	3	1
Case 97	12	4,243,749	4,416,304	4	0	4	1
Case 97	12	4,417,127	4,676,252	3	0	3	1
Case 97	12	4,677,211	6,063,142	4	0	4	1
Case 97	12	6,066,357	6,247,564	3	0	3	1
Case 97	12	6,248,983	6,428,039	4	0	4	1
Case 97	12	6,428,206	6,935,460	3	0	3	1
Case 97	12	6,935,631	6,975,506	4	0	4	1
Case 97	12	6,976,296	7,085,107	3	0	3	1
Case 97	12	7,085,171	7,254,674	4	0	4	1
Case 97	12	7,256,077	7,993,316	3	0	3	1
Case 97	12	8,000,912	8,101,326	3	2	5	0
Case 97	12	8,102,386	8,123,306	2	2	4	0
Case 97	12	8,125,745	9,483,768	3	0	3	1
Case 97	12	9,484,047	9,668,380	4	0	4	1
Case 97	12	9,737,858	9,739,449	1	0	1	0
Case 97	12	9,739,885	9,745,606	0	0	0	0
Case 97	12	9,747,466	10,750,848	3	0	3	1
Case 97	12	10,754,314	11,344,304	4	0	4	1
Case 97	12	11,346,562	11,767,406	3	0	3	1
Case 97	12	11,768,462	12,172,270	4	0	4	1
Case 97	12	12,173,711	12,944,138	3	0	3	1
Case 97	12	12,949,882	14,288,015	4	0	4	1
Case 97	12	14,289,567	14,773,933	3	0	3	1
Case 97	12	14,773,976	14,966,165	4	0	4	1
Case 97	12	14,975,984	15,035,081	3	0	3	1
Case 97	12	15,035,086	17,076,332	4	0	4	1
Case 97	12	17,092,672	18,686,733	3	0	3	1
Case 97	12	18,690,977	19,259,778	4	0	4	1
Case 97	12	19,265,921	20,523,050	3	0	3	1
Case 97	12	20,523,123	20,637,601	4	0	4	1
Case 97	12	20,640,164	21,532,325	3	0	3	1
Case 97	12	21,536,131	21,761,315	2	0	2	1
Case 97	12	21,780,851	24,130,158	4	0	4	1
Case 97	12	24,134,983	24,149,417	2	0	2	1
Case 97	12	24,161,050	34,263,134	4	0	4	1

Case 97	12	34,266,694	34,853,011	3	0	3	1
Case 97	12	37,876,400	46,436,825	3	0	3	1
Case 97	12	46,439,995	47,465,082	4	0	4	1
Case 97	12	47,471,037	48,237,287	3	0	3	1
Case 97	12	48,237,303	48,412,410	4	0	4	1
Case 97	12	48,414,058	53,505,327	3	0	3	1
Case 97	12	53,509,433	58,382,895	5	0	5	1
Case 97	12	58,383,580	58,750,002	6	0	6	1
Case 97	12	58,750,305	58,750,305	7	0	7	1
Case 97	12	58,750,680	58,750,680	2	2	4	0
Case 97	12	58,757,312	64,311,518	3	0	3	1
Case 97	12	64,312,610	65,269,030	5	0	5	1
Case 97	12	65,269,047	65,269,047	3	0	3	1
Case 97	12	65,270,150	77,464,566	6	0	6	1
Case 97	12	77,465,521	79,729,864	7	0	7	1
Case 97	12	79,737,843	79,737,843	3	0	3	1
Case 97	12	79,738,884	81,893,534	6	0	6	1
Case 97	12	81,901,318	82,448,055	7	0	7	1
Case 97	12	82,449,008	82,451,399	2	2	4	0
Case 97	12	82,452,264	84,848,921	6	0	6	1
Case 97	12	84,875,392	86,373,935	7	0	7	1
Case 97	12	86,377,300	86,444,015	0	0	0	0
Case 97	12	86,444,588	86,451,478	1	0	1	0
Case 97	12	86,462,952	88,376,891	0	0	0	0
Case 97	12	88,379,752	88,379,788	1	0	1	0
Case 97	12	88,380,094	88,530,520	0	0	0	0
Case 97	12	88,531,716	88,536,588	1	0	1	0
Case 97	12	88,538,932	88,719,207	0	0	0	0
Case 97	12	88,724,745	88,746,811	1	0	1	0
Case 97	12	88,754,155	89,062,426	0	0	0	0
Case 97	12	89,064,805	89,255,847	1	0	1	0
Case 97	12	89,258,855	89,325,877	0	0	0	0
Case 97	12	89,328,335	89,345,231	1	0	1	0
Case 97	12	89,349,282	89,425,822	0	0	0	0
Case 97	12	89,435,177	89,462,206	1	0	1	0
Case 97	12	89,462,969	89,517,750	0	0	0	0
Case 97	12	89,526,446	89,640,358	1	0	1	0
Case 97	12	89,642,084	89,744,637	0	0	0	0
Case 97	12	89,744,658	89,753,901	1	0	1	0
Case 97	12	89,756,327	89,916,666	0	0	0	0
Case 97	12	89,916,781	89,962,420	1	0	1	0
Case 97	12	89,966,654	90,060,586	0	0	0	0
Case 97	12	90,062,662	90,762,140	3	0	3	1
Case 97	12	90,768,440	90,777,525	1	0	1	0
Case 97	12	90,781,158	91,064,171	0	0	0	0
Case 97	12	91,068,508	92,175,176	3	0	3	1
Case 97	12	92,177,908	92,586,065	4	0	4	1
Case 97	12	92,592,701	133,810,935	3	0	3	1
Case 97	13	19,058,717	64,864,846	3	2	5	0
Case 97	13	64,872,920	69,282,276	3	1	4	0
Case 97	13	69,282,388	95,825,391	3	2	5	0
Case 97	13	95,825,604	95,858,276	2	2	4	0
Case 97	13	95,858,285	113,770,081	3	2	5	0
Case 97	13	113,770,651	114,538,587	2	2	4	0
Case 97	13	114,538,600	115,103,529	3	2	5	0
Case 97	14	19,280,733	20,420,338	3	0	3	1
Case 97	14	20,425,051	20,960,168	4	0	4	1
Case 97	14	20,960,462	21,052,414	3	0	3	1
Case 97	14	21,052,474	21,546,629	4	0	4	1
Case 97	14	21,546,635	22,069,068	3	0	3	1
Case 97	14	22,069,702	23,081,528	4	0	4	1



Case 97	14	23,081,926	23,568,376	3	0	3	1
Case 97	14	23,568,494	23,619,902	4	0	4	1
Case 97	14	23,623,003	23,829,206	3	0	3	1
Case 97	14	23,829,220	23,888,744	4	0	4	1
Case 97	14	23,891,518	24,572,049	3	0	3	1
Case 97	14	24,572,367	26,776,879	4	0	4	1
Case 97	14	26,778,348	30,279,983	3	0	3	1
Case 97	14	30,289,850	31,354,707	4	0	4	1
Case 97	14	31,354,967	32,341,906	3	0	3	1
Case 97	14	32,342,702	34,790,349	4	0	4	1
Case 97	14	34,794,727	36,453,341	3	0	3	1
Case 97	14	36,454,651	37,396,393	4	0	4	1
Case 97	14	37,400,841	37,418,720	3	1	4	0
Case 97	14	37,420,572	40,121,890	3	0	3	1
Case 97	14	40,123,222	40,674,941	4	0	4	1
Case 97	14	40,675,945	40,807,588	3	0	3	1
Case 97	14	40,813,580	40,907,992	4	0	4	1
Case 97	14	40,910,680	50,100,501	3	0	3	1
Case 97	14	50,100,886	50,161,828	2	0	2	1
Case 97	14	50,164,452	58,768,299	3	0	3	1
Case 97	14	58,768,403	58,955,530	2	0	2	1
Case 97	14	58,958,865	64,479,852	3	0	3	1
Case 97	14	64,483,247	64,497,950	2	0	2	1
Case 97	14	64,497,978	107,287,663	3	0	3	1
Case 97	15	20,034,919	22,369,360	3	1	4	0
Case 97	15	22,382,854	24,521,050	3	0	3	1
Case 97	15	24,521,698	24,521,698	1	0	1	0
Case 97	15	24,525,505	24,668,007	0	0	0	0
Case 97	15	24,728,780	26,186,429	3	0	3	1
Case 97	15	26,186,776	26,918,169	4	0	4	1
Case 97	15	26,922,278	27,268,034	3	0	3	1
Case 97	15	27,275,236	28,422,245	4	0	4	1
Case 97	15	28,422,644	29,892,225	3	0	3	1
Case 97	15	29,892,281	30,249,159	4	0	4	1
Case 97	15	30,250,899	31,266,616	3	0	3	1
Case 97	15	31,267,147	32,509,892	4	0	4	1
Case 97	15	32,510,510	32,955,095	3	0	3	1
Case 97	15	32,958,711	34,358,325	4	0	4	1
Case 97	15	34,373,344	34,671,124	3	0	3	1
Case 97	15	34,718,594	35,162,510	4	0	4	1
Case 97	15	35,165,366	35,354,197	3	0	3	1
Case 97	15	35,359,944	40,558,460	4	0	4	1
Case 97	15	40,558,467	40,562,987	3	0	3	1
Case 97	15	40,564,441	40,856,989	4	0	4	1
Case 97	15	40,859,277	41,069,619	3	0	3	1
Case 97	15	41,071,757	41,220,900	4	0	4	1
Case 97	15	41,222,183	42,117,432	3	0	3	1
Case 97	15	42,117,627	42,143,327	4	0	4	1
Case 97	15	42,143,486	42,185,157	3	0	3	1
Case 97	15	42,185,482	42,684,389	4	0	4	1
Case 97	15	42,684,455	43,479,363	3	0	3	1
Case 97	15	43,481,528	43,621,524	4	0	4	1
Case 97	15	43,621,739	43,653,546	3	0	3	1
Case 97	15	43,653,851	44,456,647	4	0	4	1
Case 97	15	44,457,653	45,393,008	3	0	3	1
Case 97	15	45,393,418	45,652,889	4	0	4	1
Case 97	15	45,653,367	45,872,269	3	0	3	1
Case 97	15	45,878,015	50,669,718	4	0	4	1
Case 97	15	50,672,420	51,233,901	3	0	3	1
Case 97	15	51,237,910	55,139,748	4	0	4	1
Case 97	15	55,140,204	56,285,723	3	0	3	1

Case 97	15	56,286,313	62,135,139	4	0	4	1
Case 97	15	62,135,922	62,316,036	3	0	3	1
Case 97	15	62,319,307	63,889,730	4	0	4	1
Case 97	15	63,889,823	65,489,295	3	0	3	1
Case 97	15	65,489,347	65,553,347	4	0	4	1
Case 97	15	65,555,508	66,223,266	3	0	3	1
Case 97	15	66,232,910	66,612,917	4	0	4	1
Case 97	15	66,613,009	66,857,095	3	0	3	1
Case 97	15	66,857,141	72,105,913	4	0	4	1
Case 97	15	72,106,363	72,451,247	3	0	3	1
Case 97	15	72,451,827	72,699,027	4	0	4	1
Case 97	15	72,699,549	73,019,968	3	0	3	1
Case 97	15	73,023,682	74,615,507	4	0	4	1
Case 97	15	74,617,839	74,627,335	3	0	3	1
Case 97	15	74,627,499	74,920,532	4	0	4	1
Case 97	15	74,925,045	75,257,488	3	0	3	1
Case 97	15	75,271,128	75,499,135	4	0	4	1
Case 97	15	75,499,257	75,942,219	3	0	3	1
Case 97	15	75,942,326	76,696,901	4	0	4	1
Case 97	15	76,696,914	77,154,862	3	0	3	1
Case 97	15	77,164,361	78,315,497	4	0	4	1
Case 97	15	78,316,533	78,390,414	3	0	3	1
Case 97	15	78,390,794	78,758,213	4	0	4	1
Case 97	15	78,758,677	78,882,694	3	0	3	1
Case 97	15	78,882,726	79,167,118	4	0	4	1
Case 97	15	79,173,005	79,237,257	3	0	3	1
Case 97	15	79,241,976	83,611,095	4	0	4	1
Case 97	15	83,615,274	83,905,102	3	0	3	1
Case 97	15	83,920,383	90,126,094	4	0	4	1
Case 97	15	90,126,121	90,210,219	3	0	3	1
Case 97	15	90,210,237	90,598,171	4	0	4	1
Case 97	15	90,600,049	90,784,953	3	0	3	1
Case 97	15	90,785,060	91,205,608	4	0	4	1
Case 97	15	91,211,701	91,347,430	3	0	3	1
Case 97	15	91,347,451	100,934,847	4	0	4	1
Case 97	15	100,937,762	101,124,829	3	0	3	1
Case 97	15	101,125,082	102,461,162	4	0	4	1
Case 97	16	88,165	5,234,811	3	1	4	0
Case 97	16	5,243,669	5,353,565	4	1	5	0
Case 97	16	5,354,211	8,088,550	3	1	4	0
Case 97	16	8,089,528	8,330,492	4	1	5	0
Case 97	16	8,332,873	9,598,191	3	1	4	0
Case 97	16	9,598,990	9,805,919	4	1	5	0
Case 97	16	9,807,418	9,885,027	3	1	4	0
Case 97	16	9,890,958	10,418,771	4	1	5	0
Case 97	16	10,423,631	11,930,337	3	1	4	0
Case 97	16	11,931,682	11,944,161	3	0	3	1
Case 97	16	11,944,422	17,615,227	3	1	4	0
Case 97	16	17,621,919	18,000,101	4	1	5	0
Case 97	16	18,010,009	19,279,380	3	1	4	0
Case 97	16	19,280,235	19,428,850	4	1	5	0
Case 97	16	19,428,874	20,028,998	3	1	4	0
Case 97	16	20,030,832	20,244,780	4	1	5	0
Case 97	16	20,246,798	24,202,615	3	1	4	0
Case 97	16	24,205,100	24,368,796	4	1	5	0
Case 97	16	24,370,251	25,611,572	3	1	4	0
Case 97	16	25,616,371	25,669,862	4	1	5	0
Case 97	16	25,671,004	25,879,109	5	1	6	0
Case 97	16	25,881,959	25,904,991	4	1	5	0
Case 97	16	25,906,665	35,285,582	3	1	4	0
Case 97	16	46,450,037	46,820,464	3	1	4	0

Case 97	16	46,826,312	78,903,101	4	0	4	1
Case 97	16	78,911,101	78,911,336	1	0	1	0
Case 97	16	78,914,000	78,953,857	0	0	0	0
Case 97	16	78,955,140	78,979,747	1	0	1	0
Case 97	16	78,980,401	78,983,840	0	0	0	0
Case 97	16	78,984,136	78,992,542	1	0	1	0
Case 97	16	78,994,882	78,997,613	0	0	0	0
Case 97	16	78,999,644	79,013,032	1	0	1	0
Case 97	16	79,013,587	90,274,695	4	0	4	1
Case 97	17	11,885	781,407	2	2	4	0
Case 97	17	781,533	6,114,873	3	0	3	1
Case 97	17	6,118,115	6,173,106	2	2	4	0
Case 97	17	6,191,010	6,733,677	3	2	5	0
Case 97	17	6,738,521	7,584,400	2	2	4	0
Case 97	17	7,591,761	7,594,710	3	0	3	1
Case 97	17	7,597,478	8,943,063	2	2	4	0
Case 97	17	8,956,285	15,039,528	3	0	3	1
Case 97	17	15,044,804	15,044,804	1	0	1	0
Case 97	17	15,047,699	15,058,236	0	0	0	0
Case 97	17	15,058,991	19,699,121	3	0	3	1
Case 97	17	19,700,933	19,843,127	2	0	2	1
Case 97	17	19,848,450	22,242,355	3	0	3	1
Case 97	17	25,268,142	25,295,032	3	0	3	1
Case 97	17	25,329,949	34,432,735	2	2	4	0
Case 97	17	34,436,532	34,597,521	3	2	5	0
Case 97	17	34,815,551	52,467,631	2	2	4	0
Case 97	17	52,483,122	52,845,350	3	0	3	1
Case 97	17	52,847,941	75,989,901	2	2	4	0
Case 97	17	75,992,693	75,995,207	3	1	4	0
Case 97	17	76,012,854	76,276,774	4	1	5	0
Case 97	17	76,287,707	76,290,948	3	2	5	0
Case 97	17	76,301,199	81,060,040	2	2	4	0
Case 97	18	87,505	694,268	3	0	3	1
Case 97	18	706,478	1,830,927	4	0	4	1
Case 97	18	1,833,682	2,451,072	5	0	5	1
Case 97	18	2,451,449	2,451,449	3	0	3	1
Case 97	18	2,452,252	3,687,162	4	0	4	1
Case 97	18	3,693,772	6,474,496	2	0	2	1
Case 97	18	6,480,844	6,497,116	1	0	1	0
Case 97	18	6,499,960	6,645,865	0	0	0	0
Case 97	18	6,646,386	6,647,165	1	0	1	0
Case 97	18	6,647,278	6,726,843	0	0	0	0
Case 97	18	6,728,421	6,741,913	1	0	1	0
Case 97	18	6,752,265	6,784,082	0	0	0	0
Case 97	18	6,790,732	6,816,601	1	0	1	0
Case 97	18	6,819,047	6,853,195	0	0	0	0
Case 97	18	6,854,453	6,894,888	1	0	1	0
Case 97	18	6,895,491	6,940,286	0	0	0	0
Case 97	18	6,940,522	6,956,194	1	0	1	0
Case 97	18	6,956,238	6,961,610	0	0	0	0
Case 97	18	6,961,680	6,978,233	1	0	1	0
Case 97	18	6,978,321	6,985,655	0	0	0	0
Case 97	18	6,986,213	6,992,271	1	0	1	0
Case 97	18	6,992,680	7,008,901	0	0	0	0
Case 97	18	7,009,293	7,054,431	1	0	1	0
Case 97	18	7,063,532	7,167,872	0	0	0	0
Case 97	18	7,168,722	7,169,461	1	0	1	0
Case 97	18	7,169,723	7,231,996	0	0	0	0
Case 97	18	7,232,892	7,264,395	1	0	1	0
Case 97	18	7,264,458	7,369,439	0	0	0	0
Case 97	18	7,369,572	7,386,868	1	0	1	0

Case 97	18	7,388,258	7,436,203	0	0	0	0
Case 97	18	7,438,097	7,501,993	1	0	1	0
Case 97	18	7,503,256	7,584,667	0	0	0	0
Case 97	18	7,584,939	7,677,822	1	0	1	0
Case 97	18	7,678,218	7,688,439	0	0	0	0
Case 97	18	7,688,505	7,810,110	1	0	1	0
Case 97	18	7,814,669	7,870,864	0	0	0	0
Case 97	18	7,871,278	7,888,320	1	0	1	0
Case 97	18	7,890,128	7,936,616	0	0	0	0
Case 97	18	7,944,247	7,981,018	1	0	1	0
Case 97	18	7,990,588	8,020,992	0	0	0	0
Case 97	18	8,028,829	8,069,868	1	0	1	0
Case 97	18	8,074,027	8,193,657	0	0	0	0
Case 97	18	8,194,809	8,218,296	1	0	1	0
Case 97	18	8,227,344	8,238,538	0	0	0	0
Case 97	18	8,241,986	8,244,205	1	0	1	0
Case 97	18	8,244,335	8,271,135	0	0	0	0
Case 97	18	8,275,857	8,298,732	1	0	1	0
Case 97	18	8,298,813	8,337,540	0	0	0	0
Case 97	18	8,340,623	8,374,771	1	0	1	0
Case 97	18	8,374,911	8,384,848	0	0	0	0
Case 97	18	8,386,122	8,391,634	1	0	1	0
Case 97	18	8,392,719	8,427,063	0	0	0	0
Case 97	18	8,429,650	8,438,294	1	0	1	0
Case 97	18	8,438,408	8,462,678	0	0	0	0
Case 97	18	8,467,173	8,487,961	1	0	1	0
Case 97	18	8,490,288	8,495,190	0	0	0	0
Case 97	18	8,499,765	8,501,545	1	0	1	0
Case 97	18	8,503,530	8,505,193	0	0	0	0
Case 97	18	8,506,458	8,506,957	1	0	1	0
Case 97	18	8,507,522	8,511,586	0	0	0	0
Case 97	18	8,513,569	8,517,847	1	0	1	0
Case 97	18	8,518,201	8,640,411	0	0	0	0
Case 97	18	8,641,331	8,663,213	1	0	1	0
Case 97	18	8,664,894	8,715,990	0	0	0	0
Case 97	18	8,716,090	8,726,629	1	0	1	0
Case 97	18	8,730,053	9,254,406	2	0	2	1
Case 97	18	9,254,447	9,255,707	1	0	1	0
Case 97	18	9,255,718	14,988,113	2	0	2	1
Case 97	18	14,994,970	15,375,878	3	0	3	1
Case 97	18	18,520,354	19,721,331	3	0	3	1
Case 97	18	19,723,649	20,461,282	4	0	4	1
Case 97	18	20,462,455	20,709,123	2	0	2	1
Case 97	18	20,716,414	20,824,373	3	0	3	1
Case 97	18	20,828,972	22,781,850	2	0	2	1
Case 97	18	22,783,059	22,807,011	3	0	3	1
Case 97	18	22,808,077	25,503,620	2	0	2	1
Case 97	18	25,506,994	25,529,697	1	0	1	0
Case 97	18	25,532,080	28,934,374	2	0	2	1
Case 97	18	28,934,375	28,935,292	3	0	3	1
Case 97	18	28,935,375	29,426,774	2	0	2	1
Case 97	18	29,429,596	29,433,881	1	0	1	0
Case 97	18	29,435,668	29,450,901	2	0	2	1
Case 97	18	29,450,933	29,487,446	1	0	1	0
Case 97	18	29,488,804	30,783,224	2	0	2	1
Case 97	18	30,791,889	30,795,592	1	0	1	0
Case 97	18	30,803,075	33,725,931	2	0	2	1
Case 97	18	33,726,005	33,744,465	1	0	1	0
Case 97	18	33,744,702	42,530,507	2	0	2	1
Case 97	18	42,530,788	42,543,105	3	0	3	1
Case 97	18	42,546,291	47,362,880	2	0	2	1

Case 97	18	47,363,125	47,364,071	4	0	4	1
Case 97	18	47,365,005	47,375,552	3	0	3	1
Case 97	18	47,375,981	48,100,072	2	0	2	1
Case 97	18	48,106,595	48,190,659	3	0	3	1
Case 97	18	48,190,785	54,693,531	2	0	2	1
Case 97	18	54,694,151	54,763,828	3	0	3	1
Case 97	18	54,765,729	56,151,138	2	0	2	1
Case 97	18	56,154,571	56,204,489	3	0	3	1
Case 97	18	56,204,644	63,827,587	2	0	2	1
Case 97	18	63,841,290	63,851,968	1	0	1	0
Case 97	18	63,858,105	64,232,938	2	0	2	1
Case 97	18	64,235,665	64,235,877	1	0	1	0
Case 97	18	64,235,922	71,714,278	2	0	2	1
Case 97	18	71,728,552	73,609,353	4	0	4	1
Case 97	18	73,611,759	73,752,499	3	0	3	1
Case 97	18	73,761,401	74,091,961	4	0	4	1
Case 97	18	74,091,962	77,170,505	3	0	3	1
Case 97	18	77,170,543	77,585,701	4	0	4	1
Case 97	18	77,585,900	78,015,180	3	0	3	1
Case 97	19	260,912	11,942,721	2	1	3	0
Case 97	19	11,942,771	11,978,629	3	0	3	1
Case 97	19	11,979,164	12,484,585	2	0	2	1
Case 97	19	12,486,228	12,530,177	3	0	3	1
Case 97	19	12,530,752	12,530,752	2	2	4	0
Case 97	19	12,532,330	20,209,589	2	1	3	0
Case 97	19	20,211,540	23,089,596	1	1	2	0
Case 97	19	23,106,374	23,106,374	4	0	4	1
Case 97	19	23,118,399	23,248,069	3	0	3	1
Case 97	19	23,255,154	23,257,207	2	2	4	0
Case 97	19	23,279,003	24,545,366	2	1	3	0
Case 97	19	24,629,285	24,629,285	2	2	4	0
Case 97	19	27,732,159	34,309,277	2	2	4	0
Case 97	19	34,309,532	34,984,490	2	1	3	0
Case 97	19	34,984,792	35,992,792	2	2	4	0
Case 97	19	35,996,380	36,245,187	2	1	3	0
Case 97	19	36,245,367	36,275,163	2	2	4	0
Case 97	19	36,276,767	37,442,926	2	1	3	0
Case 97	19	37,455,903	38,036,725	2	2	4	0
Case 97	19	38,042,814	38,160,893	2	1	3	0
Case 97	19	38,167,971	38,319,897	2	2	4	0
Case 97	19	38,320,814	38,818,925	3	2	5	0
Case 97	19	38,824,344	40,502,943	2	2	4	0
Case 97	19	40,513,191	42,967,023	3	0	3	1
Case 97	19	42,986,983	44,309,002	2	2	4	0
Case 97	19	44,318,199	44,331,810	3	2	5	0
Case 97	19	44,332,161	44,500,761	4	2	6	0
Case 97	19	44,500,952	44,586,169	3	2	5	0
Case 97	19	44,589,909	45,971,095	2	2	4	0
Case 97	19	45,971,941	46,997,972	3	2	5	0
Case 97	19	46,998,236	47,035,325	4	2	6	0
Case 97	19	47,035,436	47,545,719	3	2	5	0
Case 97	19	47,546,120	47,969,980	2	2	4	0
Case 97	19	47,970,406	48,163,540	3	2	5	0
Case 97	19	48,166,730	48,398,117	2	2	4	0
Case 97	19	48,401,329	48,538,258	3	2	5	0
Case 97	19	48,542,135	48,647,197	2	2	4	0
Case 97	19	48,652,800	49,460,915	3	2	5	0
Case 97	19	49,461,305	50,440,559	2	2	4	0
Case 97	19	50,444,061	51,678,482	3	2	5	0
Case 97	19	51,679,367	52,381,731	5	1	6	0
Case 97	19	52,381,754	53,997,114	6	1	7	0

Case 97	19	54,010,277	54,010,277	2	2	4	0
Case 97	19	54,010,759	54,010,759	3	2	5	0
Case 97	19	54,011,384	56,699,244	5	1	6	0
Case 97	19	56,701,233	57,868,483	3	0	3	1
Case 97	19	57,868,685	57,939,619	2	0	2	1
Case 97	19	57,949,426	58,436,041	3	0	3	1
Case 97	19	58,437,524	58,453,949	2	0	2	1
Case 97	19	58,453,958	59,097,160	3	0	3	1
Case 97	20	63,244	80,655	4	1	5	0
Case 97	20	90,984	238,530	5	1	6	0
Case 97	20	239,724	1,397,898	4	1	5	0
Case 97	20	1,403,686	1,499,127	5	1	6	0
Case 97	20	1,512,273	1,969,193	4	1	5	0
Case 97	20	1,969,934	2,077,456	5	1	6	0
Case 97	20	2,077,610	4,169,079	4	1	5	0
Case 97	20	4,169,459	4,680,094	5	1	6	0
Case 97	20	4,680,290	5,294,865	4	1	5	0
Case 97	20	5,296,005	5,372,073	5	1	6	0
Case 97	20	5,376,681	5,715,193	4	1	5	0
Case 97	20	5,716,015	5,842,518	5	1	6	0
Case 97	20	5,843,479	6,091,054	4	1	5	0
Case 97	20	6,091,175	10,560,458	5	1	6	0
Case 97	20	10,562,658	10,632,306	4	1	5	0
Case 97	20	10,633,188	16,199,322	5	1	6	0
Case 97	20	16,202,021	16,367,806	4	1	5	0
Case 97	20	16,368,336	17,904,819	5	1	6	0
Case 97	20	17,909,932	18,198,446	4	1	5	0
Case 97	20	18,201,837	19,870,852	5	1	6	0
Case 97	20	19,871,586	20,080,132	4	1	5	0
Case 97	20	20,085,998	20,320,836	5	1	6	0
Case 97	20	20,322,489	20,505,136	4	1	5	0
Case 97	20	20,506,955	21,013,756	5	1	6	0
Case 97	20	21,017,279	21,213,397	4	1	5	0
Case 97	20	21,213,844	23,246,833	5	1	6	0
Case 97	20	23,248,866	23,501,350	4	1	5	0
Case 97	20	23,503,299	23,775,819	5	1	6	0
Case 97	20	23,778,522	24,528,618	4	1	5	0
Case 97	20	24,530,151	24,944,454	5	1	6	0
Case 97	20	24,944,483	25,666,278	4	1	5	0
Case 97	20	25,666,286	26,247,606	5	1	6	0
Case 97	20	26,278,250	26,293,985	4	1	5	0
Case 97	20	29,425,357	59,125,742	4	1	5	0
Case 97	20	59,129,488	59,129,488	3	1	4	0
Case 97	20	59,134,655	59,522,262	4	2	6	0
Case 97	20	59,523,840	62,948,788	3	2	5	0
Case 97	21	10,827,533	10,971,337	2	1	3	0
Case 97	21	14,368,320	48,100,155	2	1	3	0
Case 97	22	16,114,244	22,770,917	3	0	3	1
Case 97	22	22,774,512	23,272,656	4	0	4	1
Case 97	22	23,276,219	26,431,988	3	0	3	1
Case 97	22	26,432,820	26,662,042	4	0	4	1
Case 97	22	26,665,099	27,292,868	3	0	3	1
Case 97	22	27,295,234	27,701,317	4	0	4	1
Case 97	22	27,708,313	27,779,272	3	0	3	1
Case 97	22	27,781,570	27,985,660	4	0	4	1
Case 97	22	27,988,228	28,378,810	3	0	3	1
Case 97	22	28,379,120	28,919,200	4	0	4	1
Case 97	22	28,923,317	33,224,779	3	0	3	1
Case 97	22	33,228,070	33,473,566	4	0	4	1
Case 97	22	33,479,580	35,817,553	3	0	3	1
Case 97	22	35,817,597	36,055,507	4	0	4	1

Case 97	22	36,056,728	36,900,186	3	0	3	1
Case 97	22	36,900,230	37,289,869	4	0	4	1
Case 97	22	37,293,567	42,606,078	3	0	3	1
Case 97	22	42,606,642	42,771,226	4	0	4	1
Case 97	22	42,773,732	43,642,153	3	0	3	1
Case 97	22	43,645,133	43,716,324	4	0	4	1
Case 97	22	43,716,971	44,814,793	3	0	3	1
Case 97	22	44,815,721	45,007,348	4	0	4	1
Case 97	22	45,007,468	47,189,678	3	0	3	1
Case 97	22	47,191,699	47,846,204	4	0	4	1
Case 97	22	47,848,898	48,199,728	3	0	3	1
Case 97	22	48,200,547	48,284,514	4	0	4	1
Case 97	22	48,284,888	49,784,591	3	0	3	1
Case 97	22	49,784,667	50,117,191	4	0	4	1
Case 97	22	50,118,723	51,066,194	3	0	3	1
Case 97	22	51,066,921	51,195,728	4	0	4	1
Case 98	1	82,154	880,502	1	1	2	0
Case 98	1	880,922	1,026,913	2	0	2	1
Case 98	1	1,030,565	1,110,019	1	1	2	0
Case 98	1	1,110,586	1,226,904	2	0	2	1
Case 98	1	1,226,912	2,492,123	1	1	2	0
Case 98	1	2,493,158	2,849,190	2	0	2	1
Case 98	1	2,850,181	3,592,436	1	1	2	0
Case 98	1	3,597,017	3,996,946	2	0	2	1
Case 98	1	4,002,498	4,748,305	1	1	2	0
Case 98	1	4,751,030	4,824,311	2	0	2	1
Case 98	1	4,828,063	7,995,090	1	1	2	0
Case 98	1	7,995,111	8,168,564	2	0	2	1
Case 98	1	8,177,028	12,779,547	1	1	2	0
Case 98	1	12,779,560	12,868,237	2	0	2	1
Case 98	1	12,871,327	16,073,432	1	1	2	0
Case 98	1	16,073,524	16,377,042	2	0	2	1
Case 98	1	16,378,215	16,748,900	1	1	2	0
Case 98	1	16,759,616	17,420,231	2	0	2	1
Case 98	1	17,422,451	19,124,368	1	1	2	0
Case 98	1	19,130,827	19,202,507	2	0	2	1
Case 98	1	19,202,886	19,284,564	1	1	2	0
Case 98	1	19,291,757	19,775,113	2	0	2	1
Case 98	1	19,775,375	34,727,990	1	1	2	0
Case 98	1	34,729,463	34,992,037	2	0	2	1
Case 98	1	34,995,974	42,390,317	1	1	2	0
Case 98	1	42,397,435	42,702,344	2	0	2	1
Case 98	1	42,727,950	45,288,818	1	1	2	0
Case 98	1	45,288,983	45,716,285	2	0	2	1
Case 98	1	45,740,469	47,264,495	1	1	2	0
Case 98	1	47,264,724	47,650,744	2	0	2	1
Case 98	1	47,650,768	48,570,133	1	1	2	0
Case 98	1	48,570,466	48,709,019	2	0	2	1
Case 98	1	48,713,394	62,646,182	1	1	2	0
Case 98	1	62,657,530	62,716,575	2	0	2	1
Case 98	1	62,717,759	69,829,687	1	1	2	0
Case 98	1	69,830,063	70,504,985	2	0	2	1
Case 98	1	70,505,051	71,321,740	1	1	2	0
Case 98	1	71,325,044	71,367,464	2	0	2	1
Case 98	1	71,368,281	75,779,988	1	1	2	0
Case 98	1	75,780,028	76,535,434	2	0	2	1
Case 98	1	76,536,649	79,350,364	1	1	2	0
Case 98	1	79,353,399	79,491,206	2	0	2	1
Case 98	1	79,493,936	84,190,263	1	1	2	0
Case 98	1	84,196,920	84,743,949	2	0	2	1
Case 98	1	84,744,277	90,659,140	1	1	2	0

Case 98	1	90,659,565	90,901,199	2	0	2	1
Case 98	1	90,906,982	94,172,121	1	1	2	0
Case 98	1	94,175,909	94,468,808	2	0	2	1
Case 98	1	94,469,631	97,100,867	1	1	2	0
Case 98	1	97,100,996	97,724,226	2	0	2	1
Case 98	1	97,725,679	103,405,892	1	1	2	0
Case 98	1	103,407,168	103,750,676	2	0	2	1
Case 98	1	103,754,317	111,739,856	1	1	2	0
Case 98	1	111,740,585	111,861,974	2	0	2	1
Case 98	1	111,861,982	114,653,675	1	1	2	0
Case 98	1	114,655,222	114,837,975	2	0	2	1
Case 98	1	114,853,645	118,189,080	1	1	2	0
Case 98	1	118,189,519	118,816,729	2	0	2	1
Case 98	1	118,817,482	119,016,240	1	1	2	0
Case 98	1	119,023,640	119,383,818	2	0	2	1
Case 98	1	119,392,083	121,346,616	1	1	2	0
Case 98	1	142,649,718	150,527,953	1	1	2	0
Case 98	1	150,528,675	150,970,680	2	0	2	1
Case 98	1	150,971,879	151,028,154	1	1	2	0
Case 98	1	151,031,667	151,509,754	2	0	2	1
Case 98	1	151,510,825	156,235,857	1	1	2	0
Case 98	1	156,236,155	156,347,121	2	0	2	1
Case 98	1	156,347,131	156,834,169	1	1	2	0
Case 98	1	156,834,187	157,484,698	2	0	2	1
Case 98	1	157,485,429	160,063,065	1	1	2	0
Case 98	1	160,063,083	160,123,556	2	0	2	1
Case 98	1	160,124,866	160,703,965	1	1	2	0
Case 98	1	160,705,619	160,864,921	2	0	2	1
Case 98	1	160,876,923	161,478,708	1	1	2	0
Case 98	1	161,479,599	161,943,634	2	0	2	1
Case 98	1	161,946,727	167,503,778	1	1	2	0
Case 98	1	167,507,857	167,547,219	2	0	2	1
Case 98	1	167,549,747	168,460,113	1	1	2	0
Case 98	1	168,460,487	168,635,004	2	0	2	1
Case 98	1	168,647,094	170,927,615	1	1	2	0
Case 98	1	170,928,652	171,224,048	2	0	2	1
Case 98	1	171,224,083	171,364,141	1	1	2	0
Case 98	1	171,371,998	171,788,782	2	0	2	1
Case 98	1	171,791,211	173,277,164	1	1	2	0
Case 98	1	173,278,169	174,985,856	2	0	2	1
Case 98	1	174,987,637	176,118,219	1	1	2	0
Case 98	1	176,122,170	176,915,101	2	0	2	1
Case 98	1	176,915,156	177,363,013	1	1	2	0
Case 98	1	177,376,746	177,752,701	2	0	2	1
Case 98	1	177,755,464	196,281,802	1	1	2	0
Case 98	1	196,295,914	196,677,945	2	0	2	1
Case 98	1	196,679,455	199,263,161	1	1	2	0
Case 98	1	199,265,270	199,598,783	2	0	2	1
Case 98	1	199,608,286	204,734,495	1	1	2	0
Case 98	1	204,735,453	205,274,675	2	0	2	1
Case 98	1	205,275,207	209,242,897	1	1	2	0
Case 98	1	209,244,138	209,489,688	2	0	2	1
Case 98	1	209,497,471	211,776,074	1	1	2	0
Case 98	1	211,776,105	212,332,294	2	0	2	1
Case 98	1	212,332,338	217,272,170	1	1	2	0
Case 98	1	217,272,629	217,548,036	2	0	2	1
Case 98	1	217,549,909	219,619,538	1	1	2	0
Case 98	1	219,622,596	219,723,599	2	0	2	1
Case 98	1	219,724,937	223,828,623	1	1	2	0
Case 98	1	223,828,777	224,076,114	2	0	2	1
Case 98	1	224,156,739	225,955,919	1	1	2	0



Case 98	1	225,958,857	226,110,014	2	0	2	1
Case 98	1	226,110,029	227,354,535	1	1	2	0
Case 98	1	227,356,925	227,514,908	2	0	2	1
Case 98	1	227,517,737	227,703,397	1	1	2	0
Case 98	1	227,707,618	228,043,496	2	0	2	1
Case 98	1	228,045,508	231,036,505	1	1	2	0
Case 98	1	231,041,558	231,211,408	2	0	2	1
Case 98	1	231,214,726	232,443,051	1	1	2	0
Case 98	1	232,447,391	232,736,520	2	0	2	1
Case 98	1	232,744,422	234,663,633	1	1	2	0
Case 98	1	234,664,631	234,846,396	2	0	2	1
Case 98	1	234,850,303	236,716,934	1	1	2	0
Case 98	1	236,716,959	236,772,113	2	0	2	1
Case 98	1	236,772,416	247,715,687	1	1	2	0
Case 98	1	247,715,998	247,921,083	2	0	2	1
Case 98	1	247,921,108	249,218,992	1	1	2	0
Case 98	2	18,674	3,357,930	1	1	2	0
Case 98	2	3,360,352	3,645,429	2	0	2	1
Case 98	2	3,647,117	6,991,671	1	1	2	0
Case 98	2	6,991,759	7,301,432	2	0	2	1
Case 98	2	7,302,999	23,913,985	1	1	2	0
Case 98	2	23,914,544	24,521,766	2	0	2	1
Case 98	2	24,522,800	24,692,809	1	1	2	0
Case 98	2	24,702,158	25,138,987	2	0	2	1
Case 98	2	25,141,238	28,812,285	1	1	2	0
Case 98	2	28,812,569	29,135,572	2	0	2	1
Case 98	2	29,138,009	32,897,055	1	1	2	0
Case 98	2	32,897,147	33,057,541	2	0	2	1
Case 98	2	33,062,281	33,474,645	1	1	2	0
Case 98	2	33,474,713	33,722,854	2	0	2	1
Case 98	2	33,723,184	33,783,393	1	1	2	0
Case 98	2	33,784,161	34,019,809	2	0	2	1
Case 98	2	34,021,004	34,933,685	1	1	2	0
Case 98	2	34,934,503	35,127,980	2	0	2	1
Case 98	2	35,128,057	35,191,207	1	1	2	0
Case 98	2	35,191,585	35,575,340	2	0	2	1
Case 98	2	35,575,973	35,644,367	1	1	2	0
Case 98	2	35,647,806	35,846,522	2	0	2	1
Case 98	2	35,848,903	38,126,134	1	1	2	0
Case 98	2	38,139,081	38,261,124	2	0	2	1
Case 98	2	38,261,143	38,306,415	1	1	2	0
Case 98	2	38,306,454	38,536,558	2	0	2	1
Case 98	2	38,536,626	38,675,963	1	1	2	0
Case 98	2	38,677,471	38,883,974	2	0	2	1
Case 98	2	38,893,338	39,555,944	1	1	2	0
Case 98	2	39,559,844	39,626,388	2	0	2	1
Case 98	2	39,636,469	51,770,069	1	1	2	0
Case 98	2	51,770,480	51,948,352	2	0	2	1
Case 98	2	51,951,101	54,755,229	1	1	2	0
Case 98	2	54,760,038	54,886,347	2	0	2	1
Case 98	2	54,886,361	55,183,627	1	1	2	0
Case 98	2	55,185,013	55,513,662	2	0	2	1
Case 98	2	55,514,668	56,627,550	1	1	2	0
Case 98	2	56,634,019	57,050,007	2	0	2	1
Case 98	2	57,050,778	57,365,335	1	1	2	0
Case 98	2	57,365,499	57,739,441	2	0	2	1
Case 98	2	57,742,834	62,715,566	1	1	2	0
Case 98	2	62,719,582	64,349,202	2	0	2	1
Case 98	2	64,355,833	69,034,157	1	1	2	0
Case 98	2	69,034,515	69,098,972	2	0	2	1
Case 98	2	69,101,053	76,193,226	1	1	2	0

Case 98	2	76,206,795	76,618,512	2	0	2	1
Case 98	2	76,618,920	77,021,928	1	1	2	0
Case 98	2	77,029,323	77,259,215	2	0	2	1
Case 98	2	77,260,044	83,129,299	1	1	2	0
Case 98	2	83,134,337	83,383,702	2	0	2	1
Case 98	2	83,386,258	88,744,777	1	1	2	0
Case 98	2	88,747,766	92,081,640	2	0	2	1
Case 98	2	95,429,424	95,440,352	2	0	2	1
Case 98	2	95,444,917	97,198,800	1	1	2	0
Case 98	2	97,199,694	98,351,118	2	0	2	1
Case 98	2	98,351,912	99,363,790	1	1	2	0
Case 98	2	99,363,908	100,396,539	2	0	2	1
Case 98	2	100,405,753	100,464,011	1	1	2	0
Case 98	2	100,464,187	100,623,404	2	0	2	1
Case 98	2	100,624,052	100,759,810	1	1	2	0
Case 98	2	100,763,006	101,186,041	2	0	2	1
Case 98	2	101,186,138	102,939,036	1	1	2	0
Case 98	2	102,948,181	103,281,417	2	0	2	1
Case 98	2	103,281,610	108,626,811	1	1	2	0
Case 98	2	108,626,880	109,513,673	2	0	2	1
Case 98	2	109,522,772	110,852,875	1	1	2	0
Case 98	2	110,859,672	111,392,259	2	1	3	0
Case 98	2	111,395,603	116,781,809	1	1	2	0
Case 98	2	116,790,291	117,132,173	2	0	2	1
Case 98	2	117,132,704	118,374,375	1	1	2	0
Case 98	2	118,376,620	118,639,481	2	0	2	1
Case 98	2	118,646,201	119,827,462	1	1	2	0
Case 98	2	119,827,616	120,165,021	2	0	2	1
Case 98	2	120,176,240	124,437,197	1	1	2	0
Case 98	2	124,454,519	124,929,266	2	0	2	1
Case 98	2	124,929,288	126,338,255	1	1	2	0
Case 98	2	126,346,332	127,340,075	2	0	2	1
Case 98	2	127,342,981	127,896,023	1	1	2	0
Case 98	2	127,896,232	128,641,031	2	0	2	1
Case 98	2	128,645,618	129,772,622	1	1	2	0
Case 98	2	129,773,278	130,048,509	2	0	2	1
Case 98	2	130,051,445	131,744,854	1	1	2	0
Case 98	2	131,754,308	132,648,102	2	0	2	1
Case 98	2	132,649,834	134,985,235	1	1	2	0
Case 98	2	134,985,914	135,206,338	2	0	2	1
Case 98	2	135,206,614	140,473,877	1	1	2	0
Case 98	2	140,480,824	140,858,451	2	0	2	1
Case 98	2	140,868,186	144,704,689	1	1	2	0
Case 98	2	144,710,342	145,058,077	2	0	2	1
Case 98	2	145,079,065	146,632,625	1	1	2	0
Case 98	2	146,639,739	147,193,915	2	0	2	1
Case 98	2	147,219,964	152,534,514	1	1	2	0
Case 98	2	152,534,541	152,670,590	2	0	2	1
Case 98	2	152,670,703	155,070,567	1	1	2	0
Case 98	2	155,072,003	155,295,173	2	0	2	1
Case 98	2	155,295,203	158,902,989	1	1	2	0
Case 98	2	158,903,284	159,412,448	2	0	2	1
Case 98	2	159,414,979	169,681,199	1	1	2	0
Case 98	2	169,683,061	169,818,035	2	0	2	1
Case 98	2	169,818,302	177,962,141	1	1	2	0
Case 98	2	177,968,372	178,600,616	2	0	2	1
Case 98	2	178,607,359	179,284,012	1	1	2	0
Case 98	2	179,287,834	179,693,338	2	0	2	1
Case 98	2	179,693,775	181,971,800	1	1	2	0
Case 98	2	181,980,885	182,352,791	2	0	2	1
Case 98	2	182,358,882	183,411,197	1	1	2	0

Case 98	2	183,416,697	184,164,557	2	0	2	1
Case 98	2	184,170,353	186,790,478	1	1	2	0
Case 98	2	186,801,246	188,435,643	2	0	2	1
Case 98	2	188,450,136	190,058,461	1	1	2	0
Case 98	2	190,073,366	190,503,961	2	0	2	1
Case 98	2	190,515,247	201,102,905	1	1	2	0
Case 98	2	201,108,594	201,562,553	2	0	2	1
Case 98	2	201,567,968	212,847,371	1	1	2	0
Case 98	2	212,852,895	213,404,389	2	0	2	1
Case 98	2	213,413,231	214,049,210	1	1	2	0
Case 98	2	214,050,607	214,829,765	2	0	2	1
Case 98	2	214,832,161	217,856,142	1	1	2	0
Case 98	2	217,856,192	217,944,627	2	0	2	1
Case 98	2	217,947,644	219,251,437	1	1	2	0
Case 98	2	219,251,920	219,676,241	2	0	2	1
Case 98	2	219,676,989	223,504,326	1	1	2	0
Case 98	2	223,504,374	223,959,874	2	0	2	1
Case 98	2	223,960,235	227,660,462	1	1	2	0
Case 98	2	227,660,544	227,915,924	2	0	2	1
Case 98	2	227,917,090	231,553,094	1	1	2	0
Case 98	2	231,555,684	231,738,163	2	0	2	1
Case 98	2	231,738,168	231,877,207	1	1	2	0
Case 98	2	231,878,834	232,171,968	2	0	2	1
Case 98	2	232,176,541	232,393,323	1	1	2	0
Case 98	2	232,393,328	233,208,988	2	0	2	1
Case 98	2	233,211,861	234,482,610	1	1	2	0
Case 98	2	234,493,048	234,676,872	2	0	2	1
Case 98	2	234,676,937	234,707,921	1	1	2	0
Case 98	2	234,708,152	234,908,496	2	0	2	1
Case 98	2	234,909,799	238,296,807	1	1	2	0
Case 98	2	238,301,184	238,462,725	2	0	2	1
Case 98	2	238,467,914	238,863,455	1	1	2	0
Case 98	2	238,867,059	239,040,093	2	0	2	1
Case 98	2	239,040,107	243,048,760	1	1	2	0
Case 98	3	61,495	1,330,775	1	1	2	0
Case 98	3	1,331,135	1,506,235	2	0	2	1
Case 98	3	1,507,454	5,265,143	1	1	2	0
Case 98	3	5,267,251	5,434,345	2	0	2	1
Case 98	3	5,434,964	12,068,485	1	1	2	0
Case 98	3	12,075,218	12,468,690	2	0	2	1
Case 98	3	12,469,667	32,398,234	1	1	2	0
Case 98	3	32,398,914	32,463,994	2	0	2	1
Case 98	3	32,465,430	37,048,495	1	1	2	0
Case 98	3	37,050,325	37,536,043	2	0	2	1
Case 98	3	37,536,056	47,033,125	1	1	2	0
Case 98	3	47,036,565	50,395,827	2	0	2	1
Case 98	3	50,395,926	52,440,269	1	1	2	0
Case 98	3	52,446,788	53,155,158	2	0	2	1
Case 98	3	53,155,720	54,886,083	1	1	2	0
Case 98	3	54,889,044	54,999,412	2	0	2	1
Case 98	3	55,002,066	77,394,540	1	1	2	0
Case 98	3	77,402,615	77,742,421	2	0	2	1
Case 98	3	77,742,551	81,498,737	1	1	2	0
Case 98	3	81,502,116	81,985,189	2	0	2	1
Case 98	3	81,987,410	83,004,185	1	1	2	0
Case 98	3	83,009,526	84,993,411	2	0	2	1
Case 98	3	84,995,062	85,362,101	1	1	2	0
Case 98	3	85,362,180	86,239,049	2	0	2	1
Case 98	3	86,242,930	90,442,925	1	1	2	0
Case 98	3	93,537,290	98,512,576	1	1	2	0
Case 98	3	98,514,292	99,184,544	2	0	2	1

Case 98	3	99,189,574	100,871,443	1	1	2	0
Case 98	3	100,872,536	101,384,430	2	0	2	1
Case 98	3	101,390,043	101,834,050	1	1	2	0
Case 98	3	101,835,194	102,651,365	2	0	2	1
Case 98	3	102,673,948	105,846,933	1	1	2	0
Case 98	3	105,847,367	106,156,027	2	0	2	1
Case 98	3	106,159,948	113,847,689	1	1	2	0
Case 98	3	113,850,123	113,933,204	2	0	2	1
Case 98	3	113,935,873	114,237,033	1	1	2	0
Case 98	3	114,237,183	115,200,732	2	0	2	1
Case 98	3	115,205,520	115,856,130	1	1	2	0
Case 98	3	115,864,422	116,311,891	2	0	2	1
Case 98	3	116,315,423	118,587,348	1	1	2	0
Case 98	3	118,588,401	118,865,806	2	0	2	1
Case 98	3	118,865,815	122,328,753	1	1	2	0
Case 98	3	122,329,380	122,667,353	2	0	2	1
Case 98	3	122,667,454	126,105,301	1	1	2	0
Case 98	3	126,109,485	127,079,760	2	0	2	1
Case 98	3	127,080,468	128,311,781	1	1	2	0
Case 98	3	128,313,880	129,020,778	2	0	2	1
Case 98	3	129,023,630	129,939,787	1	1	2	0
Case 98	3	129,942,136	130,239,724	2	0	2	1
Case 98	3	130,243,249	131,756,349	1	1	2	0
Case 98	3	131,758,077	132,036,310	2	0	2	1
Case 98	3	132,036,382	133,468,829	1	1	2	0
Case 98	3	133,472,449	133,558,698	2	0	2	1
Case 98	3	133,561,095	134,669,241	1	1	2	0
Case 98	3	134,670,252	135,046,768	2	0	2	1
Case 98	3	135,049,624	138,848,435	1	1	2	0
Case 98	3	138,848,899	139,212,730	2	0	2	1
Case 98	3	139,217,951	139,555,222	1	1	2	0
Case 98	3	139,557,919	139,766,782	2	0	2	1
Case 98	3	139,768,501	141,030,543	1	1	2	0
Case 98	3	141,039,107	141,163,079	2	0	2	1
Case 98	3	141,163,253	141,671,482	1	1	2	0
Case 98	3	141,671,856	142,405,348	2	0	2	1
Case 98	3	142,408,502	142,849,107	1	1	2	0
Case 98	3	142,850,990	142,877,227	2	0	2	1
Case 98	3	142,888,043	146,014,404	1	1	2	0
Case 98	3	146,026,957	146,572,562	2	0	2	1
Case 98	3	146,579,888	149,331,272	1	1	2	0
Case 98	3	149,340,813	149,777,669	2	0	2	1
Case 98	3	149,779,984	156,259,178	1	1	2	0
Case 98	3	156,259,485	156,697,097	2	0	2	1
Case 98	3	156,699,828	157,920,934	1	1	2	0
Case 98	3	157,920,983	158,550,968	2	0	2	1
Case 98	3	158,554,978	189,239,521	1	1	2	0
Case 98	3	189,245,214	189,409,196	2	0	2	1
Case 98	3	189,409,341	193,136,476	1	1	2	0
Case 98	3	193,139,228	193,414,733	2	0	2	1
Case 98	3	193,415,750	195,188,641	1	1	2	0
Case 98	3	195,192,088	195,573,324	2	0	2	1
Case 98	3	195,577,630	197,838,262	1	1	2	0
Case 98	4	71,566	1,135,350	1	1	2	0
Case 98	4	1,136,910	1,244,267	2	0	2	1
Case 98	4	1,244,416	1,701,409	1	1	2	0
Case 98	4	1,705,399	1,739,008	2	0	2	1
Case 98	4	1,739,379	5,454,049	1	1	2	0
Case 98	4	5,454,829	5,591,448	2	0	2	1
Case 98	4	5,592,348	11,600,333	1	1	2	0
Case 98	4	11,601,925	11,792,289	2	0	2	1

Case 98	4	11,816,679	11,977,042	1	1	2	0
Case 98	4	11,981,872	12,317,409	2	0	2	1
Case 98	4	12,320,676	12,795,135	1	1	2	0
Case 98	4	12,797,555	13,092,007	2	0	2	1
Case 98	4	13,092,297	24,195,161	1	1	2	0
Case 98	4	24,195,219	24,272,929	2	0	2	1
Case 98	4	24,275,114	28,948,730	1	1	2	0
Case 98	4	28,949,043	29,777,723	2	0	2	1
Case 98	4	29,783,037	30,203,202	1	1	2	0
Case 98	4	30,205,924	30,466,859	2	0	2	1
Case 98	4	30,467,399	31,336,704	1	1	2	0
Case 98	4	31,338,387	31,684,540	2	0	2	1
Case 98	4	31,698,470	31,780,528	1	1	2	0
Case 98	4	31,784,698	32,588,326	2	0	2	1
Case 98	4	32,590,048	32,635,777	1	1	2	0
Case 98	4	32,640,520	34,693,304	2	0	2	1
Case 98	4	34,710,850	39,008,793	1	1	2	0
Case 98	4	39,012,630	39,322,017	2	0	2	1
Case 98	4	39,322,028	43,214,691	1	1	2	0
Case 98	4	43,216,821	43,664,997	2	0	2	1
Case 98	4	43,665,919	44,351,013	1	1	2	0
Case 98	4	44,351,941	44,804,733	2	0	2	1
Case 98	4	44,826,773	49,620,898	1	1	2	0
Case 98	4	52,697,856	56,238,263	1	1	2	0
Case 98	4	56,238,847	56,502,178	2	0	2	1
Case 98	4	56,512,574	64,180,587	1	1	2	0
Case 98	4	64,182,495	64,769,162	2	0	2	1
Case 98	4	64,772,647	65,907,274	1	1	2	0
Case 98	4	65,934,317	66,286,206	2	0	2	1
Case 98	4	66,289,006	68,921,021	1	1	2	0
Case 98	4	68,925,075	69,094,575	2	0	2	1
Case 98	4	69,094,981	80,009,984	1	1	2	0
Case 98	4	80,010,684	80,604,625	2	0	2	1
Case 98	4	80,605,580	86,932,486	1	1	2	0
Case 98	4	86,933,060	87,684,113	2	0	2	1
Case 98	4	87,684,148	88,864,775	1	1	2	0
Case 98	4	88,867,961	89,094,064	2	0	2	1
Case 98	4	89,096,641	93,451,321	1	1	2	0
Case 98	4	93,455,880	93,707,288	2	0	2	1
Case 98	4	93,710,269	96,475,314	1	1	2	0
Case 98	4	96,475,689	96,762,158	2	0	2	1
Case 98	4	96,762,167	98,358,280	1	1	2	0
Case 98	4	98,370,425	99,700,351	2	0	2	1
Case 98	4	99,701,724	108,043,696	1	1	2	0
Case 98	4	108,047,174	108,641,300	2	0	2	1
Case 98	4	108,655,834	117,568,631	1	1	2	0
Case 98	4	117,569,267	118,005,853	2	0	2	1
Case 98	4	118,006,170	121,623,057	1	1	2	0
Case 98	4	121,623,516	121,893,316	2	0	2	1
Case 98	4	121,894,207	124,788,456	1	1	2	0
Case 98	4	124,791,509	125,220,846	2	0	2	1
Case 98	4	125,225,084	125,865,319	1	1	2	0
Case 98	4	125,874,154	126,357,469	2	0	2	1
Case 98	4	126,359,401	145,434,688	1	1	2	0
Case 98	4	145,434,744	146,211,177	2	0	2	1
Case 98	4	146,213,427	150,951,692	1	1	2	0
Case 98	4	150,954,229	152,577,526	2	0	2	1
Case 98	4	152,577,960	158,093,737	1	1	2	0
Case 98	4	158,105,424	159,430,701	2	0	2	1
Case 98	4	159,433,657	164,634,372	1	1	2	0
Case 98	4	164,639,989	164,889,372	2	0	2	1

Case 98	4	164,889,887	170,926,905	1	1	2	0
Case 98	4	170,926,908	171,307,586	2	0	2	1
Case 98	4	171,312,561	184,781,037	1	1	2	0
Case 98	4	184,781,947	184,932,481	2	0	2	1
Case 98	4	184,932,491	185,490,816	1	1	2	0
Case 98	4	185,491,838	185,549,217	2	0	2	1
Case 98	4	185,550,122	189,797,616	1	1	2	0
Case 98	4	189,797,770	190,020,650	2	0	2	1
Case 98	4	190,033,466	190,481,771	1	1	2	0
Case 98	4	190,522,201	190,963,766	2	0	2	1
Case 98	5	38,139	5,052,953	1	1	2	0
Case 98	5	5,052,998	5,800,497	2	0	2	1
Case 98	5	5,801,024	7,125,022	1	1	2	0
Case 98	5	7,133,273	7,253,812	2	0	2	1
Case 98	5	7,261,197	19,148,952	1	1	2	0
Case 98	5	19,151,180	19,459,826	2	0	2	1
Case 98	5	19,462,474	21,665,641	1	1	2	0
Case 98	5	21,674,640	22,119,976	2	0	2	1
Case 98	5	22,156,155	25,065,470	1	1	2	0
Case 98	5	25,067,372	25,463,613	2	0	2	1
Case 98	5	25,465,482	25,856,939	1	1	2	0
Case 98	5	25,857,050	25,976,052	2	0	2	1
Case 98	5	25,976,806	33,831,673	1	1	2	0
Case 98	5	33,832,015	34,043,649	2	0	2	1
Case 98	5	34,044,232	36,502,818	1	1	2	0
Case 98	5	36,502,861	36,636,816	2	0	2	1
Case 98	5	36,641,769	38,804,071	1	1	2	0
Case 98	5	38,804,215	39,202,773	2	0	2	1
Case 98	5	39,202,911	41,223,861	1	1	2	0
Case 98	5	41,229,277	41,234,643	1	0	1	0
Case 98	5	41,241,610	45,547,278	1	1	2	0
Case 98	5	45,553,387	46,399,093	2	0	2	1
Case 98	5	49,457,282	50,162,788	2	0	2	1
Case 98	5	50,165,489	54,904,720	1	1	2	0
Case 98	5	54,906,367	55,213,631	2	0	2	1
Case 98	5	55,219,716	58,968,636	1	1	2	0
Case 98	5	58,979,946	59,627,555	2	0	2	1
Case 98	5	59,637,451	61,428,137	1	1	2	0
Case 98	5	61,428,613	62,037,885	2	0	2	1
Case 98	5	62,039,960	64,628,544	1	1	2	0
Case 98	5	64,631,395	64,762,465	2	0	2	1
Case 98	5	64,763,225	74,877,266	1	1	2	0
Case 98	5	74,877,286	75,008,193	2	0	2	1
Case 98	5	75,008,679	76,722,816	1	1	2	0
Case 98	5	76,722,895	76,871,345	2	0	2	1
Case 98	5	76,890,568	86,639,579	1	1	2	0
Case 98	5	86,652,624	87,248,847	2	0	2	1
Case 98	5	87,249,313	90,172,331	1	1	2	0
Case 98	5	90,180,120	90,451,039	2	0	2	1
Case 98	5	90,453,242	94,956,181	1	1	2	0
Case 98	5	94,956,634	95,207,168	2	0	2	1
Case 98	5	95,209,382	96,204,295	1	1	2	0
Case 98	5	96,205,801	96,800,447	2	0	2	1
Case 98	5	96,817,528	97,028,084	1	1	2	0
Case 98	5	97,030,575	97,491,234	2	0	2	1
Case 98	5	97,492,717	101,999,586	1	1	2	0
Case 98	5	102,004,743	102,444,380	2	0	2	1
Case 98	5	102,450,417	104,465,639	1	1	2	0
Case 98	5	104,465,995	105,163,858	2	0	2	1
Case 98	5	105,174,036	111,657,592	1	1	2	0
Case 98	5	111,662,406	111,699,317	2	0	2	1

Case 98	5	111,701,910	112,479,054	1	1	2	0
Case 98	5	112,482,033	112,963,488	2	0	2	1
Case 98	5	112,965,145	116,980,662	1	1	2	0
Case 98	5	116,982,602	117,560,263	2	0	2	1
Case 98	5	117,560,863	118,676,529	1	1	2	0
Case 98	5	118,677,093	119,210,995	2	0	2	1
Case 98	5	119,212,976	120,776,767	1	1	2	0
Case 98	5	120,792,844	120,894,696	2	0	2	1
Case 98	5	120,906,150	122,676,525	1	1	2	0
Case 98	5	122,680,189	123,170,490	2	0	2	1
Case 98	5	123,171,342	123,188,660	1	1	2	0
Case 98	5	123,192,434	123,717,754	2	0	2	1
Case 98	5	123,730,483	132,013,179	1	1	2	0
Case 98	5	132,013,789	132,406,153	2	0	2	1
Case 98	5	132,407,688	138,583,691	1	1	2	0
Case 98	5	138,615,856	138,784,595	2	0	2	1
Case 98	5	138,837,135	139,931,620	1	1	2	0
Case 98	5	139,931,629	139,931,644	1	0	1	0
Case 98	5	139,931,646	141,854,163	1	1	2	0
Case 98	5	141,855,300	141,974,653	2	0	2	1
Case 98	5	141,974,913	142,077,863	1	1	2	0
Case 98	5	142,080,602	142,142,015	2	0	2	1
Case 98	5	142,151,659	143,853,469	1	1	2	0
Case 98	5	143,853,561	144,262,851	2	0	2	1
Case 98	5	144,267,106	151,514,171	1	1	2	0
Case 98	5	151,514,956	151,518,810	1	0	1	0
Case 98	5	151,522,878	156,314,526	1	1	2	0
Case 98	5	156,317,797	156,590,267	2	0	2	1
Case 98	5	156,590,335	158,543,969	1	1	2	0
Case 98	5	158,556,738	158,806,244	2	0	2	1
Case 98	5	158,814,533	169,497,800	1	1	2	0
Case 98	5	169,501,527	169,584,072	2	0	2	1
Case 98	5	169,584,169	171,636,926	1	1	2	0
Case 98	5	171,637,734	171,766,706	2	0	2	1
Case 98	5	171,766,766	180,693,127	1	1	2	0
Case 98	6	108,666	18,223,409	1	1	2	0
Case 98	6	18,224,471	18,578,387	2	0	2	1
Case 98	6	18,579,752	20,943,232	1	1	2	0
Case 98	6	20,952,163	21,142,660	2	0	2	1
Case 98	6	21,144,599	25,701,484	1	1	2	0
Case 98	6	25,701,495	26,027,478	2	0	2	1
Case 98	6	26,030,492	27,491,299	1	1	2	0
Case 98	6	27,498,955	27,730,064	2	0	2	1
Case 98	6	27,730,463	29,733,223	1	1	2	0
Case 98	6	29,733,701	30,363,428	2	0	2	1
Case 98	6	30,363,945	30,471,520	1	1	2	0
Case 98	6	30,475,415	30,553,768	2	0	2	1
Case 98	6	30,553,871	30,930,270	1	1	2	0
Case 98	6	30,930,841	30,987,786	2	0	2	1
Case 98	6	30,989,770	32,838,269	1	1	2	0
Case 98	6	32,838,584	32,878,275	2	0	2	1
Case 98	6	32,879,233	32,986,986	1	1	2	0
Case 98	6	32,987,277	33,023,946	2	0	2	1
Case 98	6	33,024,499	34,592,731	1	1	2	0
Case 98	6	34,607,958	34,827,318	2	0	2	1
Case 98	6	34,828,553	37,934,269	1	1	2	0
Case 98	6	37,949,615	38,222,018	2	0	2	1
Case 98	6	38,223,386	39,954,504	1	1	2	0
Case 98	6	39,961,907	40,400,171	2	0	2	1
Case 98	6	40,400,195	40,645,737	1	1	2	0
Case 98	6	40,648,757	40,894,039	2	0	2	1

Case 98	6	40,896,656	43,244,714	1	1	2	0
Case 98	6	43,245,641	43,402,450	2	0	2	1
Case 98	6	43,402,536	46,296,710	1	1	2	0
Case 98	6	46,304,945	46,592,879	2	0	2	1
Case 98	6	46,593,179	46,717,652	1	1	2	0
Case 98	6	46,719,818	46,830,740	2	0	2	1
Case 98	6	46,832,813	51,889,474	1	1	2	0
Case 98	6	51,889,515	52,019,663	2	0	2	1
Case 98	6	52,022,832	53,595,083	1	1	2	0
Case 98	6	53,595,753	53,865,667	2	0	2	1
Case 98	6	53,866,030	57,414,234	1	1	2	0
Case 98	6	57,444,439	58,752,089	2	0	2	1
Case 98	6	61,891,118	62,510,310	2	0	2	1
Case 98	6	62,515,691	67,339,041	1	1	2	0
Case 98	6	67,348,139	67,758,587	2	0	2	1
Case 98	6	67,770,505	69,328,787	1	1	2	0
Case 98	6	69,334,292	69,610,281	2	0	2	1
Case 98	6	69,614,768	69,989,413	1	1	2	0
Case 98	6	70,001,186	70,556,598	2	0	2	1
Case 98	6	70,562,435	71,609,384	1	1	2	0
Case 98	6	71,609,707	71,919,099	2	0	2	1
Case 98	6	71,922,715	74,126,941	1	1	2	0
Case 98	6	74,134,199	74,136,427	1	0	1	0
Case 98	6	74,148,730	77,357,443	1	1	2	0
Case 98	6	77,357,678	77,766,235	2	0	2	1
Case 98	6	77,773,428	85,039,069	1	1	2	0
Case 98	6	85,043,476	85,376,381	2	0	2	1
Case 98	6	85,379,474	87,124,569	1	1	2	0
Case 98	6	87,125,624	87,646,919	2	0	2	1
Case 98	6	87,648,471	89,318,640	1	1	2	0
Case 98	6	89,320,589	89,960,222	2	0	2	1
Case 98	6	89,963,796	96,379,508	1	1	2	0
Case 98	6	96,380,002	96,834,665	2	0	2	1
Case 98	6	96,835,536	105,781,267	1	1	2	0
Case 98	6	105,781,538	105,841,041	2	0	2	1
Case 98	6	105,841,952	111,374,253	1	1	2	0
Case 98	6	111,378,729	111,922,720	2	0	2	1
Case 98	6	111,924,410	116,156,793	1	1	2	0
Case 98	6	116,164,103	116,596,247	2	0	2	1
Case 98	6	116,598,475	121,236,230	1	1	2	0
Case 98	6	121,238,247	121,671,944	2	0	2	1
Case 98	6	121,674,586	133,073,811	1	1	2	0
Case 98	6	133,076,896	133,408,229	2	0	2	1
Case 98	6	133,416,156	137,926,848	1	1	2	0
Case 98	6	137,929,810	138,616,344	2	0	2	1
Case 98	6	138,617,294	147,851,974	1	1	2	0
Case 98	6	147,852,697	147,987,946	2	0	2	1
Case 98	6	147,988,029	148,940,808	1	1	2	0
Case 98	6	148,943,174	149,168,205	2	0	2	1
Case 98	6	149,175,496	150,414,026	1	1	2	0
Case 98	6	150,416,202	150,680,274	2	0	2	1
Case 98	6	150,683,395	150,731,232	1	1	2	0
Case 98	6	150,731,655	150,941,310	2	0	2	1
Case 98	6	150,947,524	153,199,689	1	1	2	0
Case 98	6	153,200,563	153,345,468	2	0	2	1
Case 98	6	153,345,533	158,484,902	1	1	2	0
Case 98	6	158,486,110	158,626,332	2	0	2	1
Case 98	6	158,628,384	160,789,256	1	1	2	0
Case 98	6	160,789,296	160,952,780	2	0	2	1
Case 98	6	160,952,816	170,980,171	1	1	2	0
Case 98	7	44,935	2,057,934	1	1	2	0



Case 98	7	2,068,470	2,403,371	2	0	2	1
Case 98	7	2,405,127	4,813,383	1	1	2	0
Case 98	7	4,814,613	4,843,335	2	0	2	1
Case 98	7	4,845,701	10,146,653	1	1	2	0
Case 98	7	10,148,521	10,343,038	2	0	2	1
Case 98	7	10,345,513	11,563,097	1	1	2	0
Case 98	7	11,568,530	11,632,962	2	0	2	1
Case 98	7	11,633,116	14,642,523	1	1	2	0
Case 98	7	14,644,667	14,844,336	2	0	2	1
Case 98	7	14,846,853	15,721,466	1	1	2	0
Case 98	7	15,722,836	16,401,190	2	0	2	1
Case 98	7	16,406,272	19,617,468	1	1	2	0
Case 98	7	19,617,929	19,979,804	2	0	2	1
Case 98	7	19,980,396	22,392,134	1	1	2	0
Case 98	7	22,397,187	22,556,193	2	0	2	1
Case 98	7	22,580,985	23,451,288	1	1	2	0
Case 98	7	23,456,221	23,959,375	2	0	2	1
Case 98	7	23,962,975	29,628,434	1	1	2	0
Case 98	7	29,631,511	29,647,662	2	0	2	1
Case 98	7	29,648,077	31,120,229	1	1	2	0
Case 98	7	31,121,355	31,497,237	2	0	2	1
Case 98	7	31,500,579	33,312,783	1	1	2	0
Case 98	7	33,346,932	33,554,162	2	0	2	1
Case 98	7	33,554,672	47,450,271	1	1	2	0
Case 98	7	47,451,366	47,565,504	2	0	2	1
Case 98	7	47,566,295	49,208,805	1	1	2	0
Case 98	7	49,217,173	49,621,833	2	0	2	1
Case 98	7	49,629,291	49,681,873	1	1	2	0
Case 98	7	49,686,888	50,180,972	2	0	2	1
Case 98	7	50,182,079	53,500,844	1	1	2	0
Case 98	7	53,502,556	54,058,897	2	0	2	1
Case 98	7	54,059,050	54,905,350	1	1	2	0
Case 98	7	54,905,511	55,142,435	2	0	2	1
Case 98	7	55,144,156	56,068,980	1	1	2	0
Case 98	7	56,074,118	56,155,371	2	0	2	1
Case 98	7	56,155,390	56,727,631	1	1	2	0
Case 98	7	56,755,583	57,215,852	2	0	2	1
Case 98	7	57,217,249	58,019,061	1	1	2	0
Case 98	7	61,056,053	64,406,081	1	1	2	0
Case 98	7	64,409,809	64,745,413	2	0	2	1
Case 98	7	64,751,046	69,403,890	1	1	2	0
Case 98	7	69,418,905	69,991,859	2	0	2	1
Case 98	7	69,997,575	72,169,613	1	1	2	0
Case 98	7	72,193,854	72,934,080	2	0	2	1
Case 98	7	72,939,482	79,888,510	1	1	2	0
Case 98	7	79,892,337	80,054,945	2	0	2	1
Case 98	7	80,055,731	82,784,660	1	1	2	0
Case 98	7	82,784,740	82,965,353	2	0	2	1
Case 98	7	82,968,338	86,115,922	1	1	2	0
Case 98	7	86,118,757	86,830,190	2	0	2	1
Case 98	7	86,847,321	91,289,228	1	1	2	0
Case 98	7	91,299,161	91,856,816	2	0	2	1
Case 98	7	91,861,656	93,006,563	1	1	2	0
Case 98	7	93,009,475	93,660,234	2	0	2	1
Case 98	7	93,662,801	99,017,694	1	1	2	0
Case 98	7	99,017,771	99,580,371	2	0	2	1
Case 98	7	99,583,286	100,634,643	1	1	2	0
Case 98	7	100,634,718	100,806,802	2	0	2	1
Case 98	7	100,807,419	103,581,626	1	1	2	0
Case 98	7	103,581,806	104,106,026	2	0	2	1
Case 98	7	104,107,166	107,823,258	1	1	2	0

Case 98	7	107,823,265	108,055,858	2	0	2	1
Case 98	7	108,058,574	109,819,227	1	1	2	0
Case 98	7	109,827,761	109,871,406	1	0	1	0
Case 98	7	109,875,729	122,492,340	1	1	2	0
Case 98	7	122,493,144	122,808,528	2	0	2	1
Case 98	7	122,808,603	124,165,999	1	1	2	0
Case 98	7	124,172,307	124,550,133	2	0	2	1
Case 98	7	124,558,339	125,115,662	1	1	2	0
Case 98	7	125,116,814	125,330,439	2	0	2	1
Case 98	7	125,339,318	146,550,239	1	1	2	0
Case 98	7	146,553,618	146,780,248	2	0	2	1
Case 98	7	146,786,698	148,801,606	1	1	2	0
Case 98	7	148,801,658	148,998,960	2	0	2	1
Case 98	7	149,005,429	149,504,070	1	1	2	0
Case 98	7	149,505,575	149,828,048	2	0	2	1
Case 98	7	149,837,340	150,213,019	1	1	2	0
Case 98	7	150,213,314	150,353,227	2	0	2	1
Case 98	7	150,369,447	159,119,486	1	1	2	0
Case 98	8	164,984	3,029,364	1	1	2	0
Case 98	8	3,030,335	3,035,992	1	0	1	0
Case 98	8	3,037,530	3,926,858	1	1	2	0
Case 98	8	3,928,521	4,052,555	2	0	2	1
Case 98	8	4,052,860	5,255,714	1	1	2	0
Case 98	8	5,258,496	5,412,336	2	0	2	1
Case 98	8	5,413,325	6,270,096	1	1	2	0
Case 98	8	6,272,353	6,377,507	2	0	2	1
Case 98	8	6,378,720	13,956,109	1	1	2	0
Case 98	8	13,958,463	14,143,471	2	0	2	1
Case 98	8	14,144,867	14,614,134	1	1	2	0
Case 98	8	14,615,974	14,951,943	2	0	2	1
Case 98	8	14,956,717	15,725,282	1	1	2	0
Case 98	8	15,732,889	15,815,994	2	0	2	1
Case 98	8	15,820,384	16,172,469	1	1	2	0
Case 98	8	16,173,694	16,526,958	2	0	2	1
Case 98	8	16,538,391	26,683,792	1	1	2	0
Case 98	8	26,688,826	26,883,003	2	0	2	1
Case 98	8	26,892,214	39,550,178	1	1	2	0
Case 98	8	39,550,180	39,771,451	2	0	2	1
Case 98	8	39,775,653	41,025,184	1	1	2	0
Case 98	8	41,025,313	41,273,233	2	0	2	1
Case 98	8	41,292,579	43,387,474	1	1	2	0
Case 98	8	43,389,423	43,791,691	2	0	2	1
Case 98	8	46,886,735	48,290,688	2	0	2	1
Case 98	8	48,308,973	53,110,206	1	1	2	0
Case 98	8	53,111,052	53,328,331	2	0	2	1
Case 98	8	53,334,176	54,340,446	1	1	2	0
Case 98	8	54,343,357	54,829,323	2	0	2	1
Case 98	8	54,835,697	63,588,151	1	1	2	0
Case 98	8	63,600,769	63,903,324	2	0	2	1
Case 98	8	63,905,750	70,864,617	1	1	2	0
Case 98	8	70,865,668	72,083,227	2	0	2	1
Case 98	8	72,083,588	74,272,171	1	1	2	0
Case 98	8	74,274,191	74,409,780	2	0	2	1
Case 98	8	74,409,852	77,539,322	1	1	2	0
Case 98	8	77,566,481	78,054,417	2	0	2	1
Case 98	8	78,057,807	84,563,191	1	1	2	0
Case 98	8	84,566,741	84,572,978	2	0	2	1
Case 98	8	84,576,995	94,627,082	1	1	2	0
Case 98	8	94,633,233	95,002,352	2	0	2	1
Case 98	8	95,006,099	102,889,127	1	1	2	0
Case 98	8	102,899,450	103,542,538	2	0	2	1

Case 98	8	103,548,562	119,814,670	1	1	2	0
Case 98	8	119,815,147	120,235,752	2	0	2	1
Case 98	8	120,239,647	133,534,265	1	1	2	0
Case 98	8	133,534,460	133,977,758	2	0	2	1
Case 98	8	133,980,143	134,657,960	1	1	2	0
Case 98	8	134,660,028	134,736,033	2	0	2	1
Case 98	8	134,756,506	136,024,190	1	1	2	0
Case 98	8	136,032,287	136,477,268	2	0	2	1
Case 98	8	136,483,701	142,581,653	1	1	2	0
Case 98	8	142,582,850	142,703,492	2	0	2	1
Case 98	8	142,705,898	143,900,017	1	1	2	0
Case 98	8	143,901,987	144,134,961	2	0	2	1
Case 98	8	144,134,969	145,579,973	1	1	2	0
Case 98	8	145,580,008	145,668,481	2	0	2	1
Case 98	8	145,675,164	146,112,944	1	1	2	0
Case 98	8	146,123,853	146,293,414	2	0	2	1
Case 98	9	46,587	523,495	1	1	2	0
Case 98	9	525,814	712,390	2	0	2	1
Case 98	9	712,419	8,382,966	1	1	2	0
Case 98	9	8,385,838	8,435,110	2	0	2	1
Case 98	9	8,435,525	9,196,661	1	1	2	0
Case 98	9	9,197,160	9,374,664	2	0	2	1
Case 98	9	9,377,679	10,225,500	1	1	2	0
Case 98	9	10,225,533	10,354,430	2	0	2	1
Case 98	9	10,354,770	11,194,115	1	1	2	0
Case 98	9	11,194,132	11,787,966	2	0	2	1
Case 98	9	11,790,536	12,058,197	1	1	2	0
Case 98	9	12,061,324	12,194,855	2	0	2	1
Case 98	9	12,195,026	15,393,381	1	1	2	0
Case 98	9	15,397,969	16,123,596	2	0	2	1
Case 98	9	16,125,443	16,669,114	1	1	2	0
Case 98	9	16,669,912	16,920,749	2	0	2	1
Case 98	9	16,929,803	22,301,053	1	1	2	0
Case 98	9	22,301,383	22,451,339	2	0	2	1
Case 98	9	22,451,349	36,207,967	1	1	2	0
Case 98	9	36,211,623	36,437,700	2	0	2	1
Case 98	9	36,456,543	36,798,025	1	1	2	0
Case 98	9	36,798,742	36,942,624	2	0	2	1
Case 98	9	36,943,396	37,740,581	1	1	2	0
Case 98	9	37,740,594	38,159,475	2	0	2	1
Case 98	9	38,160,747	46,944,322	1	1	2	0
Case 98	9	65,629,772	75,540,187	1	1	2	0
Case 98	9	75,540,393	75,682,680	2	0	2	1
Case 98	9	75,694,366	83,514,230	1	1	2	0
Case 98	9	83,524,227	83,928,428	2	0	2	1
Case 98	9	83,928,740	95,806,365	1	1	2	0
Case 98	9	95,806,823	96,117,348	2	0	2	1
Case 98	9	96,125,819	101,221,143	1	1	2	0
Case 98	9	101,229,396	101,333,453	2	0	2	1
Case 98	9	101,333,901	101,763,091	1	1	2	0
Case 98	9	101,763,633	101,816,909	2	0	2	1
Case 98	9	101,817,602	104,323,402	1	1	2	0
Case 98	9	104,323,459	104,553,765	2	0	2	1
Case 98	9	104,554,756	107,991,283	1	1	2	0
Case 98	9	107,992,004	108,596,042	2	0	2	1
Case 98	9	108,597,465	114,919,707	1	1	2	0
Case 98	9	114,922,067	115,167,146	2	0	2	1
Case 98	9	115,167,994	117,339,877	1	1	2	0
Case 98	9	117,348,466	117,451,913	2	0	2	1
Case 98	9	117,453,668	119,117,464	1	1	2	0
Case 98	9	119,122,342	119,476,270	2	0	2	1

Case 98	9	119,482,114	123,540,630	1	1	2	0
Case 98	9	123,544,003	124,170,490	2	0	2	1
Case 98	9	124,189,101	126,772,954	1	1	2	0
Case 98	9	126,777,521	126,935,882	2	0	2	1
Case 98	9	126,946,822	129,166,088	1	1	2	0
Case 98	9	129,170,242	129,310,354	2	0	2	1
Case 98	9	129,310,775	129,613,454	1	1	2	0
Case 98	9	129,613,696	130,027,260	2	0	2	1
Case 98	9	130,034,215	130,430,116	1	1	2	0
Case 98	9	130,430,604	130,580,575	2	0	2	1
Case 98	9	130,580,638	133,009,150	1	1	2	0
Case 98	9	133,011,232	133,335,415	2	0	2	1
Case 98	9	133,338,393	139,256,468	1	1	2	0
Case 98	9	139,256,477	139,409,068	2	0	2	1
Case 98	9	139,409,089	139,571,444	1	1	2	0
Case 98	9	139,571,471	139,753,685	2	0	2	1
Case 98	9	139,753,751	141,066,491	1	1	2	0
Case 98	10	98,087	3,452,939	1	1	2	0
Case 98	10	3,457,288	3,706,894	2	0	2	1
Case 98	10	3,707,650	4,238,934	1	1	2	0
Case 98	10	4,240,572	4,505,667	2	0	2	1
Case 98	10	4,507,840	5,139,626	1	1	2	0
Case 98	10	5,139,642	5,327,477	2	0	2	1
Case 98	10	5,327,676	15,629,360	1	1	2	0
Case 98	10	15,633,157	15,828,645	2	0	2	1
Case 98	10	15,831,755	25,227,988	1	1	2	0
Case 98	10	25,231,171	25,550,451	2	0	2	1
Case 98	10	25,555,314	26,171,121	1	1	2	0
Case 98	10	26,173,364	26,483,183	2	0	2	1
Case 98	10	26,483,265	27,159,868	1	1	2	0
Case 98	10	27,160,932	27,258,640	2	0	2	1
Case 98	10	27,264,859	27,674,288	1	1	2	0
Case 98	10	27,678,534	27,825,885	2	0	2	1
Case 98	10	27,826,951	29,786,463	1	1	2	0
Case 98	10	29,789,094	29,892,003	2	0	2	1
Case 98	10	29,892,296	30,233,296	1	1	2	0
Case 98	10	30,233,374	30,533,660	2	0	2	1
Case 98	10	30,537,797	31,997,937	1	1	2	0
Case 98	10	31,998,017	32,450,499	2	0	2	1
Case 98	10	32,450,551	39,097,912	1	1	2	0
Case 98	10	42,436,301	56,742,013	1	1	2	0
Case 98	10	56,745,512	57,025,991	2	0	2	1
Case 98	10	57,026,067	57,429,963	1	1	2	0
Case 98	10	57,430,146	57,547,092	2	0	2	1
Case 98	10	57,549,296	57,667,668	1	1	2	0
Case 98	10	57,669,027	58,316,293	2	0	2	1
Case 98	10	58,317,415	58,736,121	1	1	2	0
Case 98	10	58,736,265	58,797,872	2	0	2	1
Case 98	10	58,801,996	62,184,843	1	1	2	0
Case 98	10	62,185,494	62,551,276	2	0	2	1
Case 98	10	62,552,732	70,783,075	1	1	2	0
Case 98	10	70,799,421	70,987,072	2	0	2	1
Case 98	10	70,987,096	71,714,537	1	1	2	0
Case 98	10	71,714,998	71,876,382	2	0	2	1
Case 98	10	71,876,390	80,669,894	1	1	2	0
Case 98	10	80,672,227	80,768,033	2	0	2	1
Case 98	10	80,772,541	81,984,357	1	1	2	0
Case 98	10	81,984,564	82,359,857	2	0	2	1
Case 98	10	82,362,638	83,982,090	1	1	2	0
Case 98	10	83,988,809	84,383,277	2	0	2	1
Case 98	10	84,385,896	85,961,608	1	1	2	0

Case 98	10	85,961,632	86,016,166	2	0	2	1
Case 98	10	86,016,490	88,088,456	1	1	2	0
Case 98	10	88,100,089	88,439,193	2	0	2	1
Case 98	10	88,439,895	90,462,716	1	1	2	0
Case 98	10	90,465,083	90,492,288	2	0	2	1
Case 98	10	90,492,297	91,395,428	1	1	2	0
Case 98	10	91,402,542	92,292,960	2	0	2	1
Case 98	10	92,302,869	99,003,811	1	1	2	0
Case 98	10	99,004,171	99,366,769	2	0	2	1
Case 98	10	99,371,292	103,900,090	1	1	2	0
Case 98	10	103,900,729	104,536,151	2	0	2	1
Case 98	10	104,546,284	106,357,532	1	1	2	0
Case 98	10	106,361,945	107,033,965	2	0	2	1
Case 98	10	107,045,093	107,403,241	1	1	2	0
Case 98	10	107,409,121	107,842,158	2	0	2	1
Case 98	10	107,842,444	109,486,011	1	1	2	0
Case 98	10	109,486,048	109,580,995	2	0	2	1
Case 98	10	109,581,185	121,001,183	1	1	2	0
Case 98	10	121,010,817	121,196,335	2	0	2	1
Case 98	10	121,197,057	126,658,862	1	1	2	0
Case 98	10	126,670,356	126,741,541	2	0	2	1
Case 98	10	126,743,096	129,774,063	1	1	2	0
Case 98	10	129,775,360	130,105,852	2	0	2	1
Case 98	10	130,107,905	135,477,883	1	1	2	0
Case 98	11	193,146	1,015,915	1	1	2	0
Case 98	11	1,016,238	1,019,413	2	1	3	0
Case 98	11	1,020,722	1,418,450	1	1	2	0
Case 98	11	1,418,877	1,672,567	2	0	2	1
Case 98	11	1,673,636	2,187,275	1	1	2	0
Case 98	11	2,188,166	2,281,501	2	0	2	1
Case 98	11	2,282,360	5,758,012	1	1	2	0
Case 98	11	5,758,051	5,878,523	2	0	2	1
Case 98	11	5,878,551	6,807,041	1	1	2	0
Case 98	11	6,807,052	6,913,244	2	0	2	1
Case 98	11	6,913,250	7,257,141	1	1	2	0
Case 98	11	7,257,474	7,397,799	2	0	2	1
Case 98	11	7,398,961	19,451,020	1	1	2	0
Case 98	11	19,452,223	19,538,163	2	0	2	1
Case 98	11	19,538,185	20,188,883	1	1	2	0
Case 98	11	20,191,933	20,337,341	2	0	2	1
Case 98	11	20,339,381	20,378,124	1	1	2	0
Case 98	11	20,383,324	20,730,761	2	0	2	1
Case 98	11	20,736,800	25,835,890	1	1	2	0
Case 98	11	25,837,926	26,041,706	2	0	2	1
Case 98	11	26,041,936	37,153,829	1	1	2	0
Case 98	11	37,154,319	37,573,427	2	0	2	1
Case 98	11	37,577,216	39,709,068	1	1	2	0
Case 98	11	39,717,326	40,071,723	2	0	2	1
Case 98	11	40,073,820	40,989,912	1	1	2	0
Case 98	11	40,993,375	41,100,409	2	0	2	1
Case 98	11	41,103,092	48,058,313	1	1	2	0
Case 98	11	48,066,048	51,591,253	2	0	2	1
Case 98	11	54,794,237	55,681,277	2	0	2	1
Case 98	11	55,681,336	57,292,916	1	1	2	0
Case 98	11	57,295,864	58,377,801	2	0	2	1
Case 98	11	58,378,422	60,230,577	1	1	2	0
Case 98	11	60,231,809	60,362,261	2	0	2	1
Case 98	11	60,363,961	60,557,840	1	1	2	0
Case 98	11	60,558,322	60,776,209	2	0	2	1
Case 98	11	60,777,045	71,850,152	1	1	2	0
Case 98	11	71,850,194	72,196,620	2	0	2	1

Case 98	11	72,197,635	75,274,687	1	1	2	0
Case 98	11	75,276,178	75,833,980	2	0	2	1
Case 98	11	75,837,669	75,890,695	1	1	2	0
Case 98	11	75,892,741	76,253,389	2	0	2	1
Case 98	11	76,255,312	78,164,984	1	1	2	0
Case 98	11	78,170,811	78,381,505	2	0	2	1
Case 98	11	78,381,581	82,134,233	1	1	2	0
Case 98	11	82,135,969	82,879,892	2	0	2	1
Case 98	11	82,879,960	85,518,123	1	1	2	0
Case 98	11	85,526,399	85,893,436	2	0	2	1
Case 98	11	85,900,117	87,939,593	1	1	2	0
Case 98	11	87,940,173	88,090,476	2	0	2	1
Case 98	11	88,093,710	88,289,360	1	1	2	0
Case 98	11	88,299,284	88,669,352	2	0	2	1
Case 98	11	88,676,854	102,668,882	1	1	2	0
Case 98	11	102,669,230	102,803,476	2	0	2	1
Case 98	11	102,803,586	107,049,547	1	1	2	0
Case 98	11	107,053,192	107,125,357	2	0	2	1
Case 98	11	107,127,162	114,577,518	1	1	2	0
Case 98	11	114,577,539	114,914,107	2	0	2	1
Case 98	11	114,915,469	116,972,935	1	1	2	0
Case 98	11	116,973,929	117,199,870	2	0	2	1
Case 98	11	117,201,682	123,926,106	1	1	2	0
Case 98	11	123,938,580	124,293,198	2	0	2	1
Case 98	11	124,293,857	126,229,456	1	1	2	0
Case 98	11	126,242,697	126,283,542	2	0	2	1
Case 98	11	126,283,899	130,088,828	1	1	2	0
Case 98	11	130,089,026	130,214,257	2	0	2	1
Case 98	11	130,218,499	134,934,063	1	1	2	0
Case 98	12	191,619	10,089,737	1	1	2	0
Case 98	12	10,091,682	10,170,727	2	0	2	1
Case 98	12	10,171,039	10,666,025	1	1	2	0
Case 98	12	10,680,216	10,834,865	2	0	2	1
Case 98	12	10,837,542	10,954,919	1	1	2	0
Case 98	12	10,954,989	11,652,829	2	0	2	1
Case 98	12	11,656,621	17,889,729	1	1	2	0
Case 98	12	17,903,344	18,658,248	2	0	2	1
Case 98	12	18,663,922	20,786,685	1	1	2	0
Case 98	12	20,786,703	21,353,505	2	0	2	1
Case 98	12	21,353,551	27,027,201	1	1	2	0
Case 98	12	27,027,742	27,523,403	2	0	2	1
Case 98	12	27,524,824	32,713,919	1	1	2	0
Case 98	12	32,719,928	33,062,023	2	0	2	1
Case 98	12	33,064,825	34,853,011	1	1	2	0
Case 98	12	37,876,400	44,298,417	1	1	2	0
Case 98	12	44,317,599	45,149,301	2	0	2	1
Case 98	12	45,152,546	46,039,883	1	1	2	0
Case 98	12	46,043,181	46,591,906	2	0	2	1
Case 98	12	46,600,617	49,723,191	1	1	2	0
Case 98	12	49,723,581	50,232,608	2	0	2	1
Case 98	12	50,232,719	54,176,868	1	1	2	0
Case 98	12	54,185,879	54,471,280	2	0	2	1
Case 98	12	54,505,656	56,427,034	1	1	2	0
Case 98	12	56,428,356	56,876,372	2	0	2	1
Case 98	12	56,879,548	63,722,899	1	1	2	0
Case 98	12	63,739,361	63,901,150	2	0	2	1
Case 98	12	63,905,515	65,348,920	1	1	2	0
Case 98	12	65,352,621	65,901,140	2	0	2	1
Case 98	12	65,910,217	66,991,477	1	1	2	0
Case 98	12	66,992,513	67,165,630	2	0	2	1
Case 98	12	67,169,731	70,032,962	1	1	2	0

Case 98	12	70,038,508	70,421,228	2	0	2	1
Case 98	12	70,422,605	71,843,374	1	1	2	0
Case 98	12	71,849,276	72,425,040	2	0	2	1
Case 98	12	72,425,419	73,629,656	1	1	2	0
Case 98	12	73,636,521	74,837,984	2	0	2	1
Case 98	12	74,843,754	76,644,132	1	1	2	0
Case 98	12	76,649,903	77,116,145	2	0	2	1
Case 98	12	77,136,919	78,032,818	1	1	2	0
Case 98	12	78,035,461	78,474,971	2	0	2	1
Case 98	12	78,475,583	96,168,405	1	1	2	0
Case 98	12	96,175,464	96,356,152	2	0	2	1
Case 98	12	96,356,191	98,778,436	1	1	2	0
Case 98	12	98,780,167	98,982,066	2	0	2	1
Case 98	12	98,983,214	114,060,096	1	1	2	0
Case 98	12	114,064,033	114,169,592	2	0	2	1
Case 98	12	114,174,076	114,860,501	1	1	2	0
Case 98	12	114,860,659	115,060,246	2	0	2	1
Case 98	12	115,079,592	118,230,821	1	1	2	0
Case 98	12	118,234,080	118,464,688	2	0	2	1
Case 98	12	118,465,820	123,956,904	1	1	2	0
Case 98	12	123,957,640	124,646,406	2	0	2	1
Case 98	12	124,646,827	127,210,808	1	1	2	0
Case 98	12	127,211,045	127,430,069	2	0	2	1
Case 98	12	127,439,979	128,546,979	1	1	2	0
Case 98	12	128,547,161	128,571,048	2	0	2	1
Case 98	12	128,571,258	129,967,036	1	1	2	0
Case 98	12	129,968,143	130,149,266	2	0	2	1
Case 98	12	130,151,190	131,466,562	1	1	2	0
Case 98	12	131,467,634	131,598,584	2	0	2	1
Case 98	12	131,600,346	133,343,554	1	1	2	0
Case 98	12	133,343,594	133,810,935	2	0	2	1
Case 98	13	19,058,717	19,714,111	1	1	2	0
Case 98	13	19,714,717	20,425,911	2	0	2	1
Case 98	13	20,425,948	24,432,467	1	1	2	0
Case 98	13	24,433,009	24,474,613	2	0	2	1
Case 98	13	24,476,073	25,444,744	1	1	2	0
Case 98	13	25,444,818	25,571,233	2	0	2	1
Case 98	13	25,573,308	32,095,732	1	1	2	0
Case 98	13	32,097,472	32,528,958	2	0	2	1
Case 98	13	32,545,856	35,430,680	1	1	2	0
Case 98	13	35,431,376	36,278,753	2	0	2	1
Case 98	13	36,279,556	37,585,665	1	1	2	0
Case 98	13	37,586,427	37,954,091	2	0	2	1
Case 98	13	37,957,009	38,670,647	1	1	2	0
Case 98	13	38,672,455	38,832,645	2	0	2	1
Case 98	13	38,836,680	39,032,582	1	1	2	0
Case 98	13	39,032,599	39,468,958	2	0	2	1
Case 98	13	39,470,642	44,842,503	1	1	2	0
Case 98	13	44,845,243	45,148,257	2	0	2	1
Case 98	13	45,148,657	53,356,397	1	1	2	0
Case 98	13	53,357,729	53,509,424	2	0	2	1
Case 98	13	53,509,457	53,602,462	1	1	2	0
Case 98	13	53,602,970	55,020,068	2	0	2	1
Case 98	13	55,033,079	63,235,364	1	1	2	0
Case 98	13	63,237,821	64,613,437	2	0	2	1
Case 98	13	64,617,871	65,414,914	1	1	2	0
Case 98	13	65,421,829	66,114,004	2	0	2	1
Case 98	13	66,120,566	69,383,059	1	1	2	0
Case 98	13	69,384,803	70,334,143	2	0	2	1
Case 98	13	70,342,292	70,487,282	1	1	2	0
Case 98	13	70,487,437	70,724,107	2	0	2	1

Case 98	13	70,724,421	74,098,915	1	1	2	0
Case 98	13	74,100,036	74,308,229	2	0	2	1
Case 98	13	74,311,737	74,758,886	1	1	2	0
Case 98	13	74,761,700	75,024,156	2	0	2	1
Case 98	13	75,024,613	82,254,472	1	1	2	0
Case 98	13	82,257,820	82,649,433	2	0	2	1
Case 98	13	82,649,816	84,103,707	1	1	2	0
Case 98	13	84,111,773	84,312,747	2	0	2	1
Case 98	13	84,318,039	85,037,047	1	1	2	0
Case 98	13	85,040,002	85,114,311	2	0	2	1
Case 98	13	85,125,778	95,689,942	1	1	2	0
Case 98	13	95,690,960	95,779,969	2	0	2	1
Case 98	13	95,783,500	95,860,574	1	1	2	0
Case 98	13	95,861,242	95,894,315	2	0	2	1
Case 98	13	95,894,329	99,098,962	1	1	2	0
Case 98	13	99,099,021	99,245,866	2	0	2	1
Case 98	13	99,246,215	101,401,197	1	1	2	0
Case 98	13	101,401,990	101,508,242	2	0	2	1
Case 98	13	101,508,809	104,562,936	1	1	2	0
Case 98	13	104,563,022	104,728,275	2	0	2	1
Case 98	13	104,735,744	105,274,922	1	1	2	0
Case 98	13	105,275,930	105,588,931	2	0	2	1
Case 98	13	105,589,982	106,909,000	1	1	2	0
Case 98	13	106,913,330	107,126,216	2	0	2	1
Case 98	13	107,127,784	115,103,529	1	1	2	0
Case 98	14	19,280,733	24,533,473	1	1	2	0
Case 98	14	24,533,474	24,728,294	2	0	2	1
Case 98	14	24,728,326	24,906,515	1	1	2	0
Case 98	14	24,907,288	24,976,561	2	0	2	1
Case 98	14	24,976,574	26,941,566	1	1	2	0
Case 98	14	26,945,366	27,266,981	2	0	2	1
Case 98	14	27,270,848	35,371,697	1	1	2	0
Case 98	14	35,376,082	35,860,074	2	0	2	1
Case 98	14	35,862,404	37,387,006	1	1	2	0
Case 98	14	37,389,296	38,061,742	2	0	2	1
Case 98	14	38,061,795	39,690,854	1	1	2	0
Case 98	14	39,693,018	40,183,285	2	0	2	1
Case 98	14	40,186,667	45,035,016	1	1	2	0
Case 98	14	45,043,928	45,214,574	2	0	2	1
Case 98	14	45,225,953	45,403,459	1	1	2	0
Case 98	14	45,403,679	45,932,515	2	0	2	1
Case 98	14	45,962,391	52,378,020	1	1	2	0
Case 98	14	52,380,187	52,600,254	2	0	2	1
Case 98	14	52,605,144	55,188,149	1	1	2	0
Case 98	14	55,190,709	57,024,251	2	0	2	1
Case 98	14	57,027,793	58,448,681	1	1	2	0
Case 98	14	58,452,416	58,552,535	2	0	2	1
Case 98	14	58,560,475	59,115,448	1	1	2	0
Case 98	14	59,123,780	59,231,914	2	0	2	1
Case 98	14	59,232,691	59,862,624	1	1	2	0
Case 98	14	59,862,824	60,075,644	2	0	2	1
Case 98	14	60,087,380	68,105,557	1	1	2	0
Case 98	14	68,110,737	68,808,398	2	0	2	1
Case 98	14	68,817,413	74,477,488	1	1	2	0
Case 98	14	74,482,984	74,824,348	2	0	2	1
Case 98	14	74,824,411	80,161,440	1	1	2	0
Case 98	14	80,162,439	80,266,523	2	0	2	1
Case 98	14	80,266,878	85,138,430	1	1	2	0
Case 98	14	85,148,641	85,271,240	2	0	2	1
Case 98	14	85,275,113	103,822,285	1	1	2	0
Case 98	14	103,822,912	104,095,320	2	0	2	1



Case 98	14	104,096,558	104,359,121	1	1	2	0
Case 98	14	104,363,322	104,624,155	2	0	2	1
Case 98	14	104,624,228	105,178,852	1	1	2	0
Case 98	14	105,179,184	105,267,925	2	0	2	1
Case 98	14	105,267,934	107,287,663	1	1	2	0
Case 98	15	20,034,919	24,106,808	1	1	2	0
Case 98	15	24,112,281	24,227,585	2	0	2	1
Case 98	15	24,230,707	30,232,984	1	1	2	0
Case 98	15	30,238,158	31,449,628	2	0	2	1
Case 98	15	31,451,498	40,179,013	1	1	2	0
Case 98	15	40,192,918	40,379,260	2	0	2	1
Case 98	15	40,382,441	42,967,124	1	1	2	0
Case 98	15	42,967,130	43,816,904	2	0	2	1
Case 98	15	43,816,905	45,490,974	1	1	2	0
Case 98	15	45,490,988	46,337,445	2	1	3	0
Case 98	15	46,345,687	63,699,995	1	1	2	0
Case 98	15	63,705,031	65,491,339	2	0	2	1
Case 98	15	65,491,389	67,414,425	1	1	2	0
Case 98	15	67,418,205	68,302,144	2	0	2	1
Case 98	15	68,306,447	74,256,407	1	1	2	0
Case 98	15	74,258,449	75,424,593	2	0	2	1
Case 98	15	75,435,790	79,749,415	1	1	2	0
Case 98	15	79,749,447	79,990,774	2	0	2	1
Case 98	15	79,993,661	84,611,494	1	1	2	0
Case 98	15	84,611,785	85,400,115	2	0	2	1
Case 98	15	85,400,146	85,833,638	1	1	2	0
Case 98	15	85,835,658	86,343,458	2	0	2	1
Case 98	15	86,344,912	87,461,684	1	1	2	0
Case 98	15	87,461,937	87,685,685	2	0	2	1
Case 98	15	87,688,475	90,069,508	1	1	2	0
Case 98	15	90,071,734	90,226,947	2	0	2	1
Case 98	15	90,227,074	100,258,980	1	1	2	0
Case 98	15	100,263,499	100,453,990	2	0	2	1
Case 98	15	100,456,631	102,461,162	1	1	2	0
Case 98	16	88,165	215,379	1	1	2	0
Case 98	16	216,075	426,768	2	0	2	1
Case 98	16	427,062	3,406,516	1	1	2	0
Case 98	16	3,406,643	3,542,444	2	0	2	1
Case 98	16	3,543,820	4,431,470	1	1	2	0
Case 98	16	4,431,767	4,802,420	2	0	2	1
Case 98	16	4,802,423	5,003,326	1	1	2	0
Case 98	16	5,007,708	5,226,917	2	0	2	1
Case 98	16	5,231,188	5,791,541	1	1	2	0
Case 98	16	5,793,163	5,874,274	2	0	2	1
Case 98	16	5,874,639	31,215,983	1	1	2	0
Case 98	16	31,220,869	31,860,399	2	0	2	1
Case 98	16	31,860,760	35,285,582	1	1	2	0
Case 98	16	46,450,037	52,301,822	1	1	2	0
Case 98	16	52,310,527	53,536,345	2	0	2	1
Case 98	16	53,537,423	53,850,170	1	1	2	0
Case 98	16	53,850,868	53,956,052	2	0	2	1
Case 98	16	53,961,354	54,025,172	1	1	2	0
Case 98	16	54,026,739	54,206,026	2	0	2	1
Case 98	16	54,208,856	60,136,254	1	1	2	0
Case 98	16	60,146,143	60,545,731	2	0	2	1
Case 98	16	60,564,088	74,366,251	1	1	2	0
Case 98	16	74,394,575	74,708,858	2	0	2	1
Case 98	16	74,708,900	75,531,769	1	1	2	0
Case 98	16	75,532,044	75,922,170	2	0	2	1
Case 98	16	75,924,274	80,961,660	1	1	2	0
Case 98	16	80,964,406	81,124,216	2	0	2	1

Case 98	16	81,124,275	83,983,083	1	1	2	0
Case 98	16	83,983,086	84,031,722	2	0	2	1
Case 98	16	84,031,884	84,067,023	1	1	2	0
Case 98	16	84,067,054	84,230,300	2	0	2	1
Case 98	16	84,230,332	90,274,695	1	1	2	0
Case 98	17	11,885	1,204,291	1	1	2	0
Case 98	17	1,204,412	1,352,701	2	0	2	1
Case 98	17	1,355,551	1,383,868	1	1	2	0
Case 98	17	1,383,893	1,564,292	2	0	2	1
Case 98	17	1,567,689	3,458,072	1	1	2	0
Case 98	17	3,459,132	3,689,132	2	0	2	1
Case 98	17	3,689,826	7,127,674	1	1	2	0
Case 98	17	7,127,698	7,259,169	2	0	2	1
Case 98	17	7,259,183	21,415,061	1	1	2	0
Case 98	17	21,420,127	22,242,355	2	0	2	1
Case 98	17	25,268,142	25,861,528	2	0	2	1
Case 98	17	25,865,588	34,436,708	1	1	2	0
Case 98	17	34,443,811	34,597,521	2	1	3	0
Case 98	17	34,815,551	37,830,900	1	1	2	0
Case 98	17	37,831,035	38,182,844	2	0	2	1
Case 98	17	38,183,643	39,122,852	1	1	2	0
Case 98	17	39,122,939	39,531,402	2	0	2	1
Case 98	17	39,533,097	44,952,721	1	1	2	0
Case 98	17	44,953,675	45,188,090	2	0	2	1
Case 98	17	45,194,762	48,380,383	1	1	2	0
Case 98	17	48,384,501	48,678,412	2	0	2	1
Case 98	17	48,683,415	57,050,215	1	1	2	0
Case 98	17	57,050,365	57,424,645	2	0	2	1
Case 98	17	57,424,912	57,638,015	1	1	2	0
Case 98	17	57,641,506	58,121,348	2	0	2	1
Case 98	17	58,121,453	61,574,215	1	1	2	0
Case 98	17	61,574,662	62,045,401	2	0	2	1
Case 98	17	62,045,451	67,117,688	1	1	2	0
Case 98	17	67,119,548	67,235,705	2	0	2	1
Case 98	17	67,237,750	69,063,533	1	1	2	0
Case 98	17	69,064,550	69,244,324	2	0	2	1
Case 98	17	69,244,731	72,023,478	1	1	2	0
Case 98	17	72,031,082	72,047,777	2	0	2	1
Case 98	17	72,050,789	73,724,490	1	1	2	0
Case 98	17	73,725,378	73,955,257	2	0	2	1
Case 98	17	73,955,565	79,914,920	1	1	2	0
Case 98	17	79,915,035	80,439,907	2	0	2	1
Case 98	17	80,442,722	81,060,040	1	1	2	0
Case 98	18	87,505	15,375,878	1	1	2	0
Case 98	18	18,520,354	22,135,828	1	1	2	0
Case 98	18	22,136,830	22,467,235	2	0	2	1
Case 98	18	22,467,812	23,096,345	1	1	2	0
Case 98	18	23,100,817	23,305,715	2	0	2	1
Case 98	18	23,307,761	26,119,765	1	1	2	0
Case 98	18	26,120,683	26,438,855	2	0	2	1
Case 98	18	26,442,506	28,935,073	1	1	2	0
Case 98	18	28,935,092	29,054,330	2	0	2	1
Case 98	18	29,055,636	30,983,915	1	1	2	0
Case 98	18	30,989,904	31,424,697	2	0	2	1
Case 98	18	31,426,113	32,618,893	1	1	2	0
Case 98	18	32,623,344	32,971,035	2	0	2	1
Case 98	18	32,971,211	42,612,091	1	1	2	0
Case 98	18	42,614,858	42,899,939	2	0	2	1
Case 98	18	42,907,457	43,026,446	1	1	2	0
Case 98	18	43,028,119	43,234,904	2	0	2	1
Case 98	18	43,235,882	47,159,917	1	1	2	0

Case 98	18	47,160,953	47,162,207	1	0	1	0
Case 98	18	47,166,098	57,131,794	1	1	2	0
Case 98	18	57,131,948	57,331,658	2	0	2	1
Case 98	18	57,334,592	57,570,333	1	1	2	0
Case 98	18	57,570,528	57,974,920	2	0	2	1
Case 98	18	57,984,175	59,584,897	1	1	2	0
Case 98	18	59,585,959	60,021,504	2	0	2	1
Case 98	18	60,021,723	75,326,389	1	1	2	0
Case 98	18	75,331,597	75,453,275	2	0	2	1
Case 98	18	75,454,829	77,438,688	1	1	2	0
Case 98	18	77,441,442	77,526,471	2	0	2	1
Case 98	18	77,533,618	78,015,180	1	1	2	0
Case 98	19	260,912	2,808,399	1	1	2	0
Case 98	19	2,810,327	2,905,913	2	0	2	1
Case 98	19	2,906,475	8,156,358	1	1	2	0
Case 98	19	8,156,366	8,281,635	2	0	2	1
Case 98	19	8,285,607	10,335,053	1	1	2	0
Case 98	19	10,335,403	10,472,452	2	0	2	1
Case 98	19	10,472,586	15,852,872	1	1	2	0
Case 98	19	15,852,908	15,905,016	2	0	2	1
Case 98	19	15,905,357	18,507,074	1	1	2	0
Case 98	19	18,507,105	18,895,726	2	0	2	1
Case 98	19	18,895,749	22,075,704	1	1	2	0
Case 98	19	22,075,780	22,729,582	2	0	2	1
Case 98	19	22,729,653	24,067,348	1	1	2	0
Case 98	19	24,069,166	24,629,285	2	0	2	1
Case 98	19	27,732,159	28,258,780	2	0	2	1
Case 98	19	28,269,366	29,219,850	1	1	2	0
Case 98	19	29,224,672	29,414,631	2	0	2	1
Case 98	19	29,419,850	37,326,284	1	1	2	0
Case 98	19	37,327,292	37,854,040	2	0	2	1
Case 98	19	37,854,207	40,259,342	1	1	2	0
Case 98	19	40,260,350	40,419,939	2	0	2	1
Case 98	19	40,419,945	42,941,059	1	1	2	0
Case 98	19	42,947,113	43,268,493	2	0	2	1
Case 98	19	43,270,565	44,590,661	1	1	2	0
Case 98	19	44,590,851	44,681,720	2	0	2	1
Case 98	19	44,681,795	47,119,910	1	1	2	0
Case 98	19	47,121,867	47,287,939	2	0	2	1
Case 98	19	47,288,150	52,353,834	1	1	2	0
Case 98	19	52,356,791	52,394,334	2	0	2	1
Case 98	19	52,394,439	55,005,607	1	1	2	0
Case 98	19	55,010,819	55,175,856	2	0	2	1
Case 98	19	55,176,262	57,955,719	1	1	2	0
Case 98	19	57,955,729	58,048,573	2	0	2	1
Case 98	19	58,048,625	59,097,160	1	1	2	0
Case 98	20	63,244	382,876	1	1	2	0
Case 98	20	383,720	411,773	2	0	2	1
Case 98	20	411,842	3,903,634	1	1	2	0
Case 98	20	3,905,730	4,038,492	2	0	2	1
Case 98	20	4,039,627	10,357,002	1	1	2	0
Case 98	20	10,365,407	10,644,614	2	0	2	1
Case 98	20	10,650,354	12,024,709	1	1	2	0
Case 98	20	12,038,794	12,311,079	2	0	2	1
Case 98	20	12,311,212	23,517,691	1	1	2	0
Case 98	20	23,519,418	23,749,714	2	0	2	1
Case 98	20	23,750,897	24,685,851	1	1	2	0
Case 98	20	24,688,597	26,293,985	2	0	2	1
Case 98	20	29,425,357	30,421,587	2	0	2	1
Case 98	20	30,422,578	32,484,429	1	1	2	0
Case 98	20	32,485,560	32,846,036	2	0	2	1

Case 98	20	32,847,608	37,263,408	1	1	2	0
Case 98	20	37,266,205	37,704,890	2	0	2	1
Case 98	20	37,710,775	44,395,664	1	1	2	0
Case 98	20	44,402,115	44,523,472	2	0	2	1
Case 98	20	44,523,720	60,886,146	1	1	2	0
Case 98	20	60,886,272	60,970,036	2	0	2	1
Case 98	20	60,971,397	61,048,475	1	1	2	0
Case 98	20	61,048,931	61,209,337	2	0	2	1
Case 98	20	61,212,808	62,137,355	1	1	2	0
Case 98	20	62,141,509	62,178,561	2	0	2	1
Case 98	20	62,178,594	62,421,480	1	1	2	0
Case 98	20	62,421,485	62,839,620	2	0	2	1
Case 98	20	62,839,672	62,948,788	1	1	2	0
Case 98	21	10,827,533	10,971,337	1	1	2	0
Case 98	21	14,368,320	15,462,504	1	1	2	0
Case 98	21	15,463,956	15,558,302	2	0	2	1
Case 98	21	15,558,363	23,654,246	1	1	2	0
Case 98	21	23,655,900	23,661,835	1	0	1	0
Case 98	21	23,672,710	29,833,572	1	1	2	0
Case 98	21	29,844,007	30,726,773	2	0	2	1
Case 98	21	30,734,388	31,720,884	1	1	2	0
Case 98	21	31,720,887	32,215,707	2	0	2	1
Case 98	21	32,216,253	35,904,697	1	1	2	0
Case 98	21	35,907,413	36,010,660	2	0	2	1
Case 98	21	36,011,213	41,534,151	1	1	2	0
Case 98	21	41,534,512	41,649,481	2	0	2	1
Case 98	21	41,650,265	43,616,325	1	1	2	0
Case 98	21	43,619,415	43,679,513	2	0	2	1
Case 98	21	43,679,554	45,376,207	1	1	2	0
Case 98	21	45,379,653	45,635,616	2	0	2	1
Case 98	21	45,636,387	47,608,580	1	1	2	0
Case 98	21	47,609,510	47,867,318	2	0	2	1
Case 98	21	47,868,321	48,100,155	1	1	2	0
Case 98	22	16,114,244	19,961,730	1	1	2	0
Case 98	22	19,961,955	20,014,473	2	0	2	1
Case 98	22	20,015,016	28,537,115	1	1	2	0
Case 98	22	28,537,992	29,087,041	2	0	2	1
Case 98	22	29,091,741	30,957,832	1	1	2	0
Case 98	22	30,960,412	31,134,390	2	0	2	1
Case 98	22	31,137,288	31,639,509	1	1	2	0
Case 98	22	31,643,480	32,326,238	2	0	2	1
Case 98	22	32,327,794	33,276,907	1	1	2	0
Case 98	22	33,279,237	33,469,284	2	0	2	1
Case 98	22	33,471,537	36,639,742	1	1	2	0
Case 98	22	36,647,960	36,763,483	2	0	2	1
Case 98	22	36,770,038	38,121,152	1	1	2	0
Case 98	22	38,121,340	38,155,433	2	0	2	1
Case 98	22	38,155,506	39,708,017	1	1	2	0
Case 98	22	39,708,357	39,908,255	2	0	2	1
Case 98	22	39,908,419	48,843,478	1	1	2	0
Case 98	22	48,844,185	48,951,913	2	0	2	1
Case 98	22	48,956,316	51,195,728	1	1	2	0
Case 99	1	82,154	1,221,564	2	2	4	0
Case 99	1	1,221,613	1,269,723	2	1	3	0
Case 99	1	1,269,741	1,404,809	2	2	4	0
Case 99	1	1,412,659	1,664,124	2	1	3	0
Case 99	1	1,680,219	18,297,407	2	2	4	0
Case 99	1	18,297,688	18,453,918	3	2	5	0
Case 99	1	18,454,964	48,622,095	2	2	4	0
Case 99	1	48,627,224	51,092,829	3	2	5	0
Case 99	1	51,118,253	52,787,309	3	0	3	1

Case 99	1	52,793,838	56,867,523	2	2	4	0
Case 99	1	56,867,989	57,651,809	3	2	5	0
Case 99	1	57,652,069	58,692,527	2	2	4	0
Case 99	1	58,700,416	62,102,307	3	1	4	0
Case 99	1	62,103,021	62,675,892	3	0	3	1
Case 99	1	62,675,894	67,208,622	3	1	4	0
Case 99	1	67,209,088	67,581,127	3	0	3	1
Case 99	1	67,583,298	76,133,823	3	1	4	0
Case 99	1	76,134,765	76,432,008	3	0	3	1
Case 99	1	76,438,011	77,952,756	3	1	4	0
Case 99	1	77,954,804	80,463,537	3	2	5	0
Case 99	1	80,477,880	83,701,382	2	2	4	0
Case 99	1	83,701,728	84,880,273	3	1	4	0
Case 99	1	84,880,380	85,235,399	3	0	3	1
Case 99	1	85,239,564	86,106,292	3	1	4	0
Case 99	1	86,117,583	86,507,592	3	0	3	1
Case 99	1	86,512,253	89,408,756	3	1	4	0
Case 99	1	89,409,105	89,522,536	3	0	3	1
Case 99	1	89,522,537	92,425,621	3	1	4	0
Case 99	1	92,426,474	93,401,837	2	1	3	0
Case 99	1	93,421,930	93,666,349	3	1	4	0
Case 99	1	93,667,456	94,291,481	3	0	3	1
Case 99	1	94,320,233	98,013,638	3	1	4	0
Case 99	1	98,013,892	98,529,378	3	0	3	1
Case 99	1	98,530,559	100,155,425	3	1	4	0
Case 99	1	100,156,054	100,808,363	3	0	3	1
Case 99	1	100,811,859	103,305,021	3	1	4	0
Case 99	1	103,322,312	104,113,723	3	0	3	1
Case 99	1	104,116,343	106,849,846	3	1	4	0
Case 99	1	106,860,057	107,230,730	3	0	3	1
Case 99	1	107,232,816	109,271,364	3	1	4	0
Case 99	1	109,271,428	109,386,174	3	0	3	1
Case 99	1	109,386,466	113,098,534	3	1	4	0
Case 99	1	113,098,598	113,493,337	3	0	3	1
Case 99	1	113,494,172	120,286,863	2	2	4	0
Case 99	1	120,287,490	121,346,616	3	2	5	0
Case 99	1	142,649,718	145,530,351	3	2	5	0
Case 99	1	145,530,939	151,740,666	2	2	4	0
Case 99	1	151,742,726	152,129,381	3	2	5	0
Case 99	1	152,129,405	158,380,828	2	2	4	0
Case 99	1	158,381,815	158,913,731	3	2	5	0
Case 99	1	158,915,141	175,387,018	2	2	4	0
Case 99	1	175,387,030	175,824,630	3	2	5	0
Case 99	1	175,824,794	183,850,901	2	2	4	0
Case 99	1	183,852,914	184,801,049	3	2	5	0
Case 99	1	184,801,065	208,068,579	2	2	4	0
Case 99	1	208,069,137	208,681,819	3	2	5	0
Case 99	1	208,700,733	234,315,938	2	2	4	0
Case 99	1	234,320,769	234,452,263	3	1	4	0
Case 99	1	234,452,980	234,638,534	3	0	3	1
Case 99	1	234,648,819	235,611,093	3	1	4	0
Case 99	1	235,611,703	235,969,228	2	1	3	0
Case 99	1	235,969,353	239,946,076	3	1	4	0
Case 99	1	239,955,676	241,659,359	3	2	5	0
Case 99	1	241,665,852	249,218,992	2	2	4	0
Case 99	2	18,674	32,092,257	2	2	4	0
Case 99	2	32,103,689	32,740,353	3	2	5	0
Case 99	2	32,740,520	64,176,182	2	2	4	0
Case 99	2	64,176,230	65,080,772	2	1	3	0
Case 99	2	65,082,367	92,081,640	2	2	4	0
Case 99	2	95,429,424	120,374,068	2	2	4	0

Case 99	2	120,387,515	121,853,648	2	1	3	0
Case 99	2	121,853,817	159,667,328	2	2	4	0
Case 99	2	159,667,348	159,787,793	3	0	3	1
Case 99	2	159,792,033	163,217,812	2	1	3	0
Case 99	2	163,224,521	171,818,244	2	2	4	0
Case 99	2	171,822,466	175,263,063	2	1	3	0
Case 99	2	175,263,171	179,397,127	2	2	4	0
Case 99	2	179,397,432	179,438,185	3	2	5	0
Case 99	2	179,438,272	233,562,102	2	2	4	0
Case 99	2	233,567,342	233,924,009	2	1	3	0
Case 99	2	233,926,201	238,999,883	2	2	4	0
Case 99	2	239,002,506	239,075,812	2	1	3	0
Case 99	2	239,075,935	241,373,780	2	2	4	0
Case 99	2	241,382,083	241,404,906	2	1	3	0
Case 99	2	241,405,501	242,572,986	2	2	4	0
Case 99	2	242,572,997	243,048,760	2	1	3	0
Case 99	3	61,495	24,620,808	3	0	3	1
Case 99	3	24,621,433	35,167,376	3	1	4	0
Case 99	3	35,170,656	35,282,759	2	1	3	0
Case 99	3	35,286,114	36,267,529	3	2	5	0
Case 99	3	36,270,289	36,409,601	2	2	4	0
Case 99	3	36,420,628	36,422,209	3	2	5	0
Case 99	3	36,425,536	37,182,198	4	2	6	0
Case 99	3	37,184,473	37,639,213	3	2	5	0
Case 99	3	37,641,584	37,652,985	2	2	4	0
Case 99	3	37,662,867	46,003,832	3	1	4	0
Case 99	3	46,003,868	46,010,179	3	0	3	1
Case 99	3	46,010,194	50,312,774	3	1	4	0
Case 99	3	50,312,822	50,568,412	2	1	3	0
Case 99	3	50,574,213	51,754,491	3	1	4	0
Case 99	3	51,755,441	60,434,122	3	0	3	1
Case 99	3	60,434,444	60,438,026	2	1	3	0
Case 99	3	60,439,043	60,518,998	0	0	0	0
Case 99	3	60,519,576	60,521,596	5	1	6	0
Case 99	3	60,522,599	60,531,242	2	2	4	0
Case 99	3	60,536,420	69,350,874	3	0	3	1
Case 99	3	69,351,582	90,442,925	4	0	4	1
Case 99	3	93,537,290	95,795,276	4	0	4	1
Case 99	3	95,796,421	97,728,248	4	1	5	0
Case 99	3	97,729,328	97,755,270	2	2	4	0
Case 99	3	97,766,185	99,248,498	4	0	4	1
Case 99	3	99,254,429	119,350,324	4	1	5	0
Case 99	3	119,353,185	121,630,194	4	0	4	1
Case 99	3	121,630,328	122,128,638	4	1	5	0
Case 99	3	122,128,658	122,130,751	2	2	4	0
Case 99	3	122,133,383	122,661,637	4	0	4	1
Case 99	3	122,661,863	124,906,162	4	1	5	0
Case 99	3	124,906,167	124,906,167	2	2	4	0
Case 99	3	124,906,235	126,752,799	4	0	4	1
Case 99	3	126,755,134	135,722,103	4	1	5	0
Case 99	3	135,722,241	136,612,149	4	0	4	1
Case 99	3	136,618,214	137,779,492	4	1	5	0
Case 99	3	137,781,249	137,787,282	2	2	4	0
Case 99	3	137,789,903	138,843,870	4	0	4	1
Case 99	3	138,847,358	141,497,178	4	1	5	0
Case 99	3	141,497,319	142,672,769	4	0	4	1
Case 99	3	142,677,280	149,329,371	4	1	5	0
Case 99	3	149,329,819	149,347,571	2	2	4	0
Case 99	3	149,358,539	149,777,272	4	0	4	1
Case 99	3	149,777,669	152,831,552	4	1	5	0
Case 99	3	152,833,338	153,754,091	4	0	4	1

Case 99	3	153,754,124	159,611,291	4	1	5	0
Case 99	3	159,613,455	167,159,834	4	0	4	1
Case 99	3	167,160,291	175,012,620	4	1	5	0
Case 99	3	175,015,466	176,925,740	4	0	4	1
Case 99	3	176,929,742	178,341,582	4	1	5	0
Case 99	3	178,343,683	178,397,892	2	2	4	0
Case 99	3	178,399,551	179,306,648	4	0	4	1
Case 99	3	179,306,666	183,259,865	4	1	5	0
Case 99	3	183,260,759	184,486,297	4	0	4	1
Case 99	3	184,488,916	194,117,448	4	1	5	0
Case 99	3	194,117,723	194,118,741	2	2	4	0
Case 99	3	194,118,946	197,838,262	4	0	4	1
Case 99	4	71,566	49,620,898	3	0	3	1
Case 99	4	52,697,856	190,963,766	3	0	3	1
Case 99	5	38,139	1,242,820	3	1	4	0
Case 99	5	1,243,427	13,829,140	3	2	5	0
Case 99	5	13,829,611	13,845,080	2	2	4	0
Case 99	5	13,846,802	19,450,474	4	2	6	0
Case 99	5	19,451,589	19,451,589	2	2	4	0
Case 99	5	19,459,826	22,550,328	3	2	5	0
Case 99	5	22,551,757	26,125,639	4	2	6	0
Case 99	5	26,125,816	26,125,816	3	2	5	0
Case 99	5	26,132,948	26,182,839	2	2	4	0
Case 99	5	26,193,999	32,037,337	3	2	5	0
Case 99	5	32,042,760	32,716,589	3	1	4	0
Case 99	5	32,722,499	37,058,116	3	2	5	0
Case 99	5	37,061,067	37,556,926	2	2	4	0
Case 99	5	37,567,851	38,966,790	3	2	5	0
Case 99	5	38,974,929	40,678,049	4	2	6	0
Case 99	5	40,679,789	40,755,568	2	2	4	0
Case 99	5	40,758,108	45,983,680	3	2	5	0
Case 99	5	45,988,948	46,399,093	2	1	3	0
Case 99	5	49,457,282	59,143,129	2	1	3	0
Case 99	5	59,152,509	59,502,520	1	1	2	0
Case 99	5	59,515,334	92,064,034	2	1	3	0
Case 99	5	92,064,532	93,257,691	2	2	4	0
Case 99	5	93,260,865	113,385,553	2	1	3	0
Case 99	5	113,389,336	154,478,636	2	2	4	0
Case 99	5	154,486,109	154,529,948	4	2	6	0
Case 99	5	154,530,330	162,997,351	2	2	4	0
Case 99	5	162,997,442	169,026,043	2	1	3	0
Case 99	5	169,028,316	180,693,127	2	2	4	0
Case 99	6	108,666	29,616,607	3	1	4	0
Case 99	6	29,617,747	29,628,883	2	2	4	0
Case 99	6	29,629,001	29,989,695	4	0	4	1
Case 99	6	29,991,538	30,004,849	3	0	3	1
Case 99	6	30,005,043	30,430,875	3	1	4	0
Case 99	6	30,431,371	30,512,603	3	0	3	1
Case 99	6	30,514,073	31,734,293	3	1	4	0
Case 99	6	31,734,313	31,799,494	2	1	3	0
Case 99	6	31,800,868	32,632,820	3	1	4	0
Case 99	6	32,632,832	32,672,082	2	1	3	0
Case 99	6	32,673,574	33,085,851	3	1	4	0
Case 99	6	33,085,910	33,116,222	2	1	3	0
Case 99	6	33,117,258	34,118,586	3	1	4	0
Case 99	6	34,125,281	34,704,613	2	1	3	0
Case 99	6	34,715,341	41,185,474	3	1	4	0
Case 99	6	41,190,791	45,295,124	2	2	4	0
Case 99	6	45,296,398	47,168,437	3	2	5	0
Case 99	6	47,171,810	47,649,356	2	1	3	0
Case 99	6	47,649,573	47,711,725	3	2	5	0

Case 99	6	47,720,824	49,704,546	2	2	4	0
Case 99	6	49,710,970	52,405,415	3	2	5	0
Case 99	6	52,411,122	53,869,221	5	2	7	0
Case 99	6	53,873,799	54,726,327	2	2	4	0
Case 99	6	54,727,075	55,113,411	3	2	5	0
Case 99	6	55,119,930	55,162,885	2	1	3	0
Case 99	6	55,164,486	58,752,089	3	1	4	0
Case 99	6	61,891,118	62,012,988	3	1	4	0
Case 99	6	62,018,602	63,174,910	2	2	4	0
Case 99	6	63,199,731	64,712,869	3	0	3	1
Case 99	6	64,721,056	64,769,816	4	0	4	1
Case 99	6	64,771,342	67,157,506	6	0	6	1
Case 99	6	67,167,633	67,171,877	4	1	5	0
Case 99	6	67,179,287	67,231,094	2	2	4	0
Case 99	6	67,238,014	69,844,768	4	0	4	1
Case 99	6	69,847,967	77,490,717	6	0	6	1
Case 99	6	77,490,961	77,524,451	5	1	6	0
Case 99	6	77,525,160	82,078,440	6	1	7	0
Case 99	6	82,087,297	82,286,331	0	0	0	0
Case 99	6	82,304,235	91,352,508	5	1	6	0
Case 99	6	91,356,629	104,730,153	6	1	7	0
Case 99	6	104,730,184	104,730,184	0	0	0	0
Case 99	6	104,740,041	106,292,430	5	1	6	0
Case 99	6	106,296,457	110,726,101	7	0	7	1
Case 99	6	110,726,236	111,672,903	6	1	7	0
Case 99	6	111,673,714	138,902,869	3	1	4	0
Case 99	6	138,905,857	139,625,074	2	1	3	0
Case 99	6	139,625,649	147,243,419	3	1	4	0
Case 99	6	147,246,494	147,992,200	2	1	3	0
Case 99	6	147,993,054	150,005,515	3	1	4	0
Case 99	6	150,005,615	150,201,720	2	1	3	0
Case 99	6	150,205,095	150,477,700	2	2	4	0
Case 99	6	150,477,907	150,610,615	3	2	5	0
Case 99	6	150,611,385	151,125,896	2	1	3	0
Case 99	6	151,126,585	151,315,241	2	2	4	0
Case 99	6	151,317,192	153,543,995	3	1	4	0
Case 99	6	153,546,315	154,294,803	2	1	3	0
Case 99	6	154,294,917	154,958,156	3	1	4	0
Case 99	6	154,961,462	154,978,780	2	1	3	0
Case 99	6	154,981,639	155,219,158	1	1	2	0
Case 99	6	155,221,600	155,935,243	2	1	3	0
Case 99	6	155,938,820	156,335,686	3	0	3	1
Case 99	6	156,335,857	156,553,950	2	1	3	0
Case 99	6	156,555,020	157,418,960	2	2	4	0
Case 99	6	157,419,508	160,543,123	3	1	4	0
Case 99	6	160,543,148	161,386,772	2	2	4	0
Case 99	6	161,391,546	162,671,390	3	1	4	0
Case 99	6	162,674,093	162,703,419	3	0	3	1
Case 99	6	162,709,948	163,309,796	2	1	3	0
Case 99	6	163,312,690	163,782,827	2	2	4	0
Case 99	6	163,783,291	164,703,988	2	1	3	0
Case 99	6	164,704,041	165,588,018	1	1	2	0
Case 99	6	165,588,626	166,008,713	2	1	3	0
Case 99	6	166,011,067	166,403,527	2	2	4	0
Case 99	6	166,404,335	166,540,384	2	1	3	0
Case 99	6	166,543,262	166,579,253	3	0	3	1
Case 99	6	166,579,270	166,859,080	2	1	3	0
Case 99	6	166,859,572	167,199,572	2	2	4	0
Case 99	6	167,200,813	168,443,357	2	1	3	0
Case 99	6	168,445,510	168,726,618	1	1	2	0
Case 99	6	168,731,137	170,980,171	2	1	3	0



Case 99	7	44,935	962,371	2	2	4	0
Case 99	7	965,643	1,586,866	2	1	3	0
Case 99	7	1,587,440	2,472,517	2	2	4	0
Case 99	7	2,472,555	2,752,487	2	1	3	0
Case 99	7	2,752,932	3,998,566	2	2	4	0
Case 99	7	4,002,369	4,272,893	3	2	5	0
Case 99	7	4,272,931	7,902,687	2	2	4	0
Case 99	7	7,903,077	7,982,218	3	2	5	0
Case 99	7	7,987,137	8,154,535	2	2	4	0
Case 99	7	8,156,375	8,637,302	3	2	5	0
Case 99	7	8,637,693	13,673,727	2	2	4	0
Case 99	7	13,674,145	13,836,003	2	1	3	0
Case 99	7	13,841,798	15,761,537	3	1	4	0
Case 99	7	15,762,763	31,735,236	2	2	4	0
Case 99	7	31,736,599	31,943,754	3	1	4	0
Case 99	7	31,949,763	46,793,982	2	2	4	0
Case 99	7	46,795,322	52,804,569	3	1	4	0
Case 99	7	52,804,915	53,381,584	2	2	4	0
Case 99	7	53,385,379	55,280,152	3	2	5	0
Case 99	7	55,280,268	57,621,951	2	2	4	0
Case 99	7	57,642,390	58,019,061	4	0	4	1
Case 99	7	61,056,053	63,475,033	4	0	4	1
Case 99	7	63,495,571	63,599,625	4	1	5	0
Case 99	7	63,634,439	69,783,020	2	2	4	0
Case 99	7	69,783,198	73,157,315	3	2	5	0
Case 99	7	73,178,435	73,403,193	2	2	4	0
Case 99	7	73,405,560	74,564,099	3	2	5	0
Case 99	7	74,776,390	81,868,200	2	2	4	0
Case 99	7	81,868,265	83,774,499	3	2	5	0
Case 99	7	83,775,796	85,215,841	3	0	3	1
Case 99	7	85,216,272	85,240,205	2	1	3	0
Case 99	7	85,250,155	88,601,192	5	2	7	0
Case 99	7	88,604,651	88,607,314	2	2	4	0
Case 99	7	88,613,111	94,840,916	4	2	6	0
Case 99	7	94,850,268	98,051,932	6	1	7	0
Case 99	7	98,054,504	98,092,368	3	1	4	0
Case 99	7	98,092,506	149,479,320	3	0	3	1
Case 99	7	149,479,335	149,486,256	2	1	3	0
Case 99	7	149,486,333	149,529,970	1	1	2	0
Case 99	7	149,530,894	149,558,632	2	1	3	0
Case 99	7	149,558,744	159,119,486	3	0	3	1
Case 99	8	164,984	2,034,776	4	0	4	1
Case 99	8	2,035,025	2,813,153	5	0	5	1
Case 99	8	2,813,376	3,264,509	4	0	4	1
Case 99	8	3,265,480	3,869,134	5	0	5	1
Case 99	8	3,869,858	4,061,058	4	0	4	1
Case 99	8	4,061,204	6,188,792	5	0	5	1
Case 99	8	6,192,831	6,383,599	4	0	4	1
Case 99	8	6,385,181	6,774,414	5	0	5	1
Case 99	8	6,777,051	8,304,502	4	0	4	1
Case 99	8	8,307,128	10,356,449	5	0	5	1
Case 99	8	10,359,394	10,622,930	4	0	4	1
Case 99	8	10,622,935	11,147,123	5	0	5	1
Case 99	8	11,152,760	11,607,396	4	0	4	1
Case 99	8	11,608,905	11,787,688	5	0	5	1
Case 99	8	11,793,529	13,190,938	4	0	4	1
Case 99	8	13,191,608	17,563,896	5	0	5	1
Case 99	8	17,564,973	17,999,052	4	0	4	1
Case 99	8	18,004,224	20,032,587	5	0	5	1
Case 99	8	20,035,990	20,695,239	4	0	4	1
Case 99	8	20,697,695	21,728,788	5	0	5	1

Case 99	8	21,733,768	22,740,325	4	0	4	1
Case 99	8	22,744,108	23,185,580	3	0	3	1
Case 99	8	23,185,977	25,657,921	4	0	4	1
Case 99	8	25,660,392	26,413,989	3	0	3	1
Case 99	8	26,414,551	27,595,880	4	0	4	1
Case 99	8	27,596,623	28,478,892	3	0	3	1
Case 99	8	28,479,611	29,253,809	4	0	4	1
Case 99	8	29,255,584	32,991,234	5	0	5	1
Case 99	8	32,998,985	35,680,145	3	0	3	1
Case 99	8	35,688,841	37,660,948	5	0	5	1
Case 99	8	37,667,018	39,468,204	4	0	4	1
Case 99	8	39,480,366	40,741,589	5	0	5	1
Case 99	8	40,756,407	42,705,702	4	0	4	1
Case 99	8	42,706,014	43,791,691	3	0	3	1
Case 99	8	46,886,735	47,800,155	3	0	3	1
Case 99	8	47,823,236	48,492,845	5	0	5	1
Case 99	8	48,511,602	48,964,607	4	0	4	1
Case 99	8	48,974,616	59,596,533	5	0	5	1
Case 99	8	59,596,999	59,596,999	4	0	4	1
Case 99	8	59,599,500	85,686,889	6	0	6	1
Case 99	8	85,694,675	86,127,149	4	1	5	0
Case 99	8	86,130,623	118,175,771	5	0	5	1
Case 99	8	118,181,090	124,137,984	6	0	6	1
Case 99	8	124,138,340	124,154,582	5	0	5	1
Case 99	8	124,154,697	124,193,523	4	1	5	0
Case 99	8	124,194,968	126,484,526	5	0	5	1
Case 99	8	126,485,531	130,685,457	6	0	6	1
Case 99	8	130,685,516	143,535,189	5	0	5	1
Case 99	8	143,548,500	144,733,508	4	0	4	1
Case 99	8	144,733,523	146,293,414	3	0	3	1
Case 99	9	46,587	16,658,915	3	1	4	0
Case 99	9	16,659,259	18,601,460	3	0	3	1
Case 99	9	18,601,564	18,818,890	3	1	4	0
Case 99	9	18,818,973	19,469,713	3	0	3	1
Case 99	9	19,469,846	20,477,061	3	1	4	0
Case 99	9	20,478,188	23,285,981	3	0	3	1
Case 99	9	23,288,364	23,651,429	3	1	4	0
Case 99	9	23,653,899	24,540,910	3	0	3	1
Case 99	9	24,545,513	24,687,157	3	1	4	0
Case 99	9	24,689,992	26,316,310	3	0	3	1
Case 99	9	26,317,242	26,657,127	3	1	4	0
Case 99	9	26,658,407	27,325,452	3	0	3	1
Case 99	9	27,326,060	27,516,640	3	1	4	0
Case 99	9	27,519,173	27,808,448	3	0	3	1
Case 99	9	27,819,540	28,188,444	3	1	4	0
Case 99	9	28,194,546	32,570,989	3	0	3	1
Case 99	9	32,572,932	32,596,952	2	2	4	0
Case 99	9	32,601,501	33,245,076	3	2	5	0
Case 99	9	33,246,639	46,944,322	2	2	4	0
Case 99	9	65,629,772	108,680,292	2	2	4	0
Case 99	9	108,681,246	109,787,178	3	2	5	0
Case 99	9	109,793,425	116,468,123	2	2	4	0
Case 99	9	116,468,685	130,166,017	3	1	4	0
Case 99	9	130,166,024	131,073,176	2	1	3	0
Case 99	9	131,073,210	131,741,633	3	1	4	0
Case 99	9	131,743,585	132,552,206	2	1	3	0
Case 99	9	132,556,974	133,488,494	3	1	4	0
Case 99	9	133,490,496	137,373,598	2	2	4	0
Case 99	9	137,374,584	139,110,556	3	2	5	0
Case 99	9	139,110,652	139,278,407	2	2	4	0
Case 99	9	139,279,173	139,390,546	3	2	5	0

Case 99	9	139,390,585	140,498,789	2	2	4	0
Case 99	9	140,507,366	141,066,491	3	2	5	0
Case 99	10	98,087	126,070	4	1	5	0
Case 99	10	135,656	1,436,858	5	1	6	0
Case 99	10	1,443,016	1,443,016	2	2	4	0
Case 99	10	1,443,180	5,147,909	4	2	6	0
Case 99	10	5,148,387	35,870,714	2	2	4	0
Case 99	10	35,874,895	37,203,527	2	1	3	0
Case 99	10	37,207,701	37,231,470	2	2	4	0
Case 99	10	37,232,329	38,110,813	4	2	6	0
Case 99	10	38,116,665	39,097,912	2	2	4	0
Case 99	10	42,436,301	56,018,508	2	2	4	0
Case 99	10	56,019,051	60,271,824	2	1	3	0
Case 99	10	60,273,034	68,346,959	2	2	4	0
Case 99	10	68,348,941	68,393,666	2	0	2	1
Case 99	10	68,395,924	68,396,283	4	2	6	0
Case 99	10	68,397,199	68,429,563	2	2	4	0
Case 99	10	68,435,662	69,246,472	3	0	3	1
Case 99	10	69,247,842	89,820,152	2	2	4	0
Case 99	10	89,821,646	90,583,092	3	2	5	0
Case 99	10	90,585,566	129,899,523	2	2	4	0
Case 99	10	129,899,578	130,152,724	3	2	5	0
Case 99	10	130,153,428	135,477,883	2	2	4	0
Case 99	11	193,146	532,923	2	1	3	0
Case 99	11	533,357	563,598	1	1	2	0
Case 99	11	565,840	1,015,786	2	1	3	0
Case 99	11	1,015,828	1,019,413	3	2	5	0
Case 99	11	1,020,722	1,271,353	2	1	3	0
Case 99	11	1,272,554	1,620,784	3	0	3	1
Case 99	11	1,625,363	3,856,553	2	1	3	0
Case 99	11	3,856,668	6,190,634	2	2	4	0
Case 99	11	6,190,635	6,578,792	4	0	4	1
Case 99	11	6,579,106	6,647,497	3	0	3	1
Case 99	11	6,647,554	7,712,523	2	2	4	0
Case 99	11	7,712,561	7,846,767	2	1	3	0
Case 99	11	7,846,941	8,414,229	2	2	4	0
Case 99	11	8,416,123	10,375,899	2	1	3	0
Case 99	11	10,377,258	14,277,230	2	2	4	0
Case 99	11	14,279,404	15,274,990	2	1	3	0
Case 99	11	15,275,070	17,008,605	2	2	4	0
Case 99	11	17,008,644	17,394,597	2	1	3	0
Case 99	11	17,395,760	18,344,064	2	2	4	0
Case 99	11	18,347,536	18,643,758	2	1	3	0
Case 99	11	18,645,843	20,163,318	2	2	4	0
Case 99	11	20,164,332	20,574,079	2	1	3	0
Case 99	11	20,579,466	23,160,403	2	2	4	0
Case 99	11	23,161,082	26,438,486	2	1	3	0
Case 99	11	26,439,871	27,221,248	2	2	4	0
Case 99	11	27,225,418	35,244,643	3	2	5	0
Case 99	11	35,245,907	51,591,253	2	2	4	0
Case 99	11	54,794,237	72,327,525	2	2	4	0
Case 99	11	72,330,446	77,300,545	3	2	5	0
Case 99	11	77,301,121	78,068,039	4	2	6	0
Case 99	11	78,091,150	91,988,615	2	2	4	0
Case 99	11	91,988,838	92,881,044	3	1	4	0
Case 99	11	92,881,896	93,184,074	2	1	3	0
Case 99	11	93,206,181	93,331,287	3	1	4	0
Case 99	11	93,332,312	93,596,420	2	1	3	0
Case 99	11	93,596,599	94,539,045	3	1	4	0
Case 99	11	94,539,347	94,759,940	2	1	3	0
Case 99	11	94,760,153	105,815,878	2	2	4	0

Case 99	11	105,837,044	107,170,877	3	1	4	0
Case 99	11	107,177,440	109,538,110	2	1	3	0
Case 99	11	109,559,457	111,196,858	3	1	4	0
Case 99	11	111,197,776	112,093,482	3	0	3	1
Case 99	11	112,095,039	112,489,212	3	1	4	0
Case 99	11	112,491,227	112,753,107	2	2	4	0
Case 99	11	112,759,458	113,235,565	3	1	4	0
Case 99	11	113,235,577	113,278,447	2	1	3	0
Case 99	11	113,278,764	113,451,765	3	1	4	0
Case 99	11	113,452,593	114,139,205	3	2	5	0
Case 99	11	114,151,577	115,769,470	2	2	4	0
Case 99	11	115,771,144	116,693,871	3	2	5	0
Case 99	11	116,693,892	118,569,067	4	2	6	0
Case 99	11	118,572,267	119,605,480	6	1	7	0
Case 99	11	119,620,940	123,919,128	3	1	4	0
Case 99	11	123,921,479	124,016,065	3	0	3	1
Case 99	11	124,016,301	124,636,373	3	1	4	0
Case 99	11	124,637,227	124,789,755	2	1	3	0
Case 99	11	124,789,756	125,812,350	3	1	4	0
Case 99	11	125,814,198	126,004,075	2	2	4	0
Case 99	11	126,004,713	126,466,129	3	2	5	0
Case 99	11	126,467,667	128,844,481	4	2	6	0
Case 99	11	128,844,513	130,529,219	6	1	7	0
Case 99	11	130,535,437	134,020,848	3	1	4	0
Case 99	11	134,021,859	134,208,765	3	0	3	1
Case 99	11	134,208,908	134,934,063	3	1	4	0
Case 99	12	191,619	1,750,047	3	1	4	0
Case 99	12	1,753,225	2,128,982	2	2	4	0
Case 99	12	2,129,773	2,685,132	3	2	5	0
Case 99	12	2,687,764	3,169,493	2	2	4	0
Case 99	12	3,170,027	3,996,234	3	2	5	0
Case 99	12	3,997,731	4,791,451	2	2	4	0
Case 99	12	4,791,842	5,610,470	3	2	5	0
Case 99	12	5,611,799	9,814,256	2	2	4	0
Case 99	12	9,815,305	11,783,511	3	1	4	0
Case 99	12	11,784,641	12,008,864	2	2	4	0
Case 99	12	12,009,741	12,550,539	3	1	4	0
Case 99	12	12,550,610	12,655,443	2	1	3	0
Case 99	12	12,659,894	13,232,878	2	2	4	0
Case 99	12	13,233,561	14,261,873	3	2	5	0
Case 99	12	14,262,889	15,089,416	2	2	4	0
Case 99	12	15,090,927	15,661,163	3	2	5	0
Case 99	12	15,661,182	16,285,538	2	2	4	0
Case 99	12	16,285,718	17,530,450	3	2	5	0
Case 99	12	17,533,980	17,682,316	2	1	3	0
Case 99	12	17,683,517	22,001,088	3	1	4	0
Case 99	12	22,001,093	22,174,952	3	2	5	0
Case 99	12	22,187,526	22,270,850	2	1	3	0
Case 99	12	22,272,380	22,396,257	2	2	4	0
Case 99	12	22,396,413	25,777,788	3	1	4	0
Case 99	12	25,778,292	26,379,532	3	2	5	0
Case 99	12	26,383,678	27,841,354	2	2	4	0
Case 99	12	27,842,063	28,039,023	2	1	3	0
Case 99	12	28,045,376	29,299,549	3	2	5	0
Case 99	12	29,314,009	29,458,556	2	1	3	0
Case 99	12	29,464,822	29,772,290	3	1	4	0
Case 99	12	29,776,054	31,816,623	2	2	4	0
Case 99	12	31,817,163	31,935,769	2	1	3	0
Case 99	12	31,939,113	32,156,306	2	2	4	0
Case 99	12	32,156,716	32,421,887	2	1	3	0
Case 99	12	32,422,835	33,178,969	2	2	4	0

Case 99	12	33,181,226	34,179,233	3	1	4	0
Case 99	12	34,180,836	34,853,011	2	1	3	0
Case 99	12	37,876,400	39,302,862	2	1	3	0
Case 99	12	39,309,714	40,371,492	2	2	4	0
Case 99	12	40,378,647	40,460,938	3	1	4	0
Case 99	12	40,464,509	40,893,988	2	1	3	0
Case 99	12	40,894,172	42,008,139	3	1	4	0
Case 99	12	42,009,312	42,582,875	2	2	4	0
Case 99	12	42,589,621	43,000,341	3	1	4	0
Case 99	12	43,001,116	43,243,922	2	2	4	0
Case 99	12	43,252,719	45,321,380	3	1	4	0
Case 99	12	45,322,922	47,607,017	2	2	4	0
Case 99	12	47,607,299	47,763,331	3	1	4	0
Case 99	12	47,763,673	48,293,037	2	2	4	0
Case 99	12	48,293,716	49,888,675	3	1	4	0
Case 99	12	49,888,776	52,532,230	2	2	4	0
Case 99	12	52,533,259	53,225,280	3	1	4	0
Case 99	12	53,225,282	53,242,671	2	1	3	0
Case 99	12	53,242,695	53,437,892	3	2	5	0
Case 99	12	53,439,537	53,509,933	2	1	3	0
Case 99	12	53,509,948	54,067,827	2	2	4	0
Case 99	12	54,069,803	54,649,941	3	2	5	0
Case 99	12	54,651,471	55,344,024	2	2	4	0
Case 99	12	55,346,235	62,994,433	3	1	4	0
Case 99	12	62,995,984	63,486,387	2	2	4	0
Case 99	12	63,488,401	64,717,148	3	1	4	0
Case 99	12	64,717,817	65,664,975	2	2	4	0
Case 99	12	65,670,821	66,480,445	3	2	5	0
Case 99	12	66,506,631	66,597,646	2	1	3	0
Case 99	12	66,599,144	87,922,782	3	1	4	0
Case 99	12	87,931,066	89,917,365	2	2	4	0
Case 99	12	89,917,437	92,592,701	3	2	5	0
Case 99	12	92,593,517	92,991,145	2	2	4	0
Case 99	12	92,995,611	93,796,425	3	1	4	0
Case 99	12	93,796,658	94,470,337	2	2	4	0
Case 99	12	94,471,246	96,842,104	3	1	4	0
Case 99	12	96,856,310	98,152,393	2	2	4	0
Case 99	12	98,167,703	98,576,565	3	2	5	0
Case 99	12	98,577,304	99,060,123	2	2	4	0
Case 99	12	99,060,134	99,726,416	3	1	4	0
Case 99	12	99,726,603	99,837,070	2	2	4	0
Case 99	12	99,837,570	99,991,075	2	0	2	1
Case 99	12	100,002,686	100,004,428	4	2	6	0
Case 99	12	100,004,829	100,210,357	2	2	4	0
Case 99	12	100,215,417	102,064,058	3	1	4	0
Case 99	12	102,064,518	102,327,309	2	2	4	0
Case 99	12	102,330,758	102,600,232	2	1	3	0
Case 99	12	102,616,650	103,237,557	3	2	5	0
Case 99	12	103,238,017	103,799,467	2	2	4	0
Case 99	12	103,800,290	104,144,426	3	1	4	0
Case 99	12	104,144,835	104,480,704	3	2	5	0
Case 99	12	104,485,370	104,815,303	2	1	3	0
Case 99	12	104,818,192	105,324,910	3	2	5	0
Case 99	12	105,328,199	105,567,572	2	2	4	0
Case 99	12	105,567,611	106,432,190	3	2	5	0
Case 99	12	106,436,519	106,464,310	2	2	4	0
Case 99	12	106,467,656	107,391,708	3	1	4	0
Case 99	12	107,394,048	107,725,814	2	1	3	0
Case 99	12	107,730,867	108,696,850	3	2	5	0
Case 99	12	108,697,894	114,349,771	2	2	4	0
Case 99	12	114,351,555	115,138,644	3	1	4	0

Case 99	12	115,139,777	115,229,953	2	2	4	0
Case 99	12	115,231,633	116,075,010	3	2	5	0
Case 99	12	116,075,435	117,306,205	2	2	4	0
Case 99	12	117,307,117	121,175,678	3	1	4	0
Case 99	12	121,175,696	122,353,796	2	1	3	0
Case 99	12	122,353,841	124,111,999	3	1	4	0
Case 99	12	124,114,943	125,396,218	2	2	4	0
Case 99	12	125,398,309	132,303,456	3	1	4	0
Case 99	12	132,306,125	132,413,719	2	1	3	0
Case 99	12	132,416,781	132,621,624	2	2	4	0
Case 99	12	132,623,473	132,997,546	2	1	3	0
Case 99	12	133,008,773	133,351,746	3	1	4	0
Case 99	12	133,351,809	133,810,935	2	1	3	0
Case 99	13	19,058,717	20,025,305	3	1	4	0
Case 99	13	20,025,309	47,177,703	4	1	5	0
Case 99	13	47,180,671	47,180,671	2	2	4	0
Case 99	13	47,186,905	47,631,920	4	2	6	0
Case 99	13	47,639,430	54,180,316	4	1	5	0
Case 99	13	54,182,173	54,218,225	5	1	6	0
Case 99	13	54,228,688	54,448,513	6	1	7	0
Case 99	13	54,453,811	54,458,271	3	1	4	0
Case 99	13	54,458,331	80,411,610	4	1	5	0
Case 99	13	80,421,340	101,364,651	5	1	6	0
Case 99	13	101,369,271	111,062,680	6	1	7	0
Case 99	13	111,064,159	111,064,159	0	0	0	0
Case 99	13	111,067,499	115,103,529	5	1	6	0
Case 99	14	19,280,733	37,018,307	2	2	4	0
Case 99	14	37,019,703	37,241,800	3	2	5	0
Case 99	14	37,247,672	50,100,463	2	2	4	0
Case 99	14	50,100,501	50,171,626	3	0	3	1
Case 99	14	50,175,886	73,664,853	2	2	4	0
Case 99	14	73,672,831	73,731,385	2	1	3	0
Case 99	14	73,732,103	107,287,663	2	2	4	0
Case 99	15	20,034,919	38,228,620	2	2	4	0
Case 99	15	38,228,992	39,415,412	2	1	3	0
Case 99	15	39,421,902	39,742,366	3	2	5	0
Case 99	15	39,742,977	41,148,092	2	2	4	0
Case 99	15	41,148,138	42,107,924	3	2	5	0
Case 99	15	42,108,794	42,192,040	2	1	3	0
Case 99	15	42,192,923	43,798,039	2	2	4	0
Case 99	15	43,804,347	48,539,196	2	1	3	0
Case 99	15	48,539,587	48,806,539	3	2	5	0
Case 99	15	48,807,637	61,011,271	2	2	4	0
Case 99	15	61,012,259	64,607,472	3	2	5	0
Case 99	15	64,627,303	65,682,635	2	2	4	0
Case 99	15	65,684,513	68,847,991	3	2	5	0
Case 99	15	68,850,513	73,357,951	2	2	4	0
Case 99	15	73,392,160	73,528,769	3	0	3	1
Case 99	15	73,536,691	81,080,925	2	2	4	0
Case 99	15	81,081,617	81,624,974	2	1	3	0
Case 99	15	81,625,028	97,888,848	2	2	4	0
Case 99	15	97,890,571	100,237,682	2	1	3	0
Case 99	15	100,244,593	100,445,280	3	0	3	1
Case 99	15	100,445,766	102,461,162	2	1	3	0
Case 99	16	88,165	2,303,496	3	1	4	0
Case 99	16	2,305,539	3,526,259	4	1	5	0
Case 99	16	3,526,336	3,536,444	2	2	4	0
Case 99	16	3,536,872	4,557,846	3	1	4	0
Case 99	16	4,557,949	4,745,146	3	0	3	1
Case 99	16	4,746,392	4,815,881	2	1	3	0
Case 99	16	4,819,496	5,275,559	3	1	4	0

Case 99	16	5,276,231	6,455,470	2	1	3	0
Case 99	16	6,456,057	6,569,372	2	2	4	0
Case 99	16	6,570,248	6,700,500	2	1	3	0
Case 99	16	6,701,566	6,780,889	2	2	4	0
Case 99	16	6,781,701	7,147,015	2	1	3	0
Case 99	16	7,147,403	7,568,296	2	2	4	0
Case 99	16	7,571,292	8,019,499	2	1	3	0
Case 99	16	8,020,987	8,459,229	2	2	4	0
Case 99	16	8,467,728	8,830,826	2	1	3	0
Case 99	16	8,834,816	9,738,833	3	1	4	0
Case 99	16	9,738,961	10,027,116	3	2	5	0
Case 99	16	10,031,838	12,334,807	6	1	7	0
Case 99	16	12,335,651	12,394,856	3	1	4	0
Case 99	16	12,399,075	13,640,858	3	2	5	0
Case 99	16	13,643,974	18,539,704	2	2	4	0
Case 99	16	18,601,266	20,970,520	3	1	4	0
Case 99	16	20,970,523	22,826,046	3	2	5	0
Case 99	16	22,826,115	22,870,708	2	2	4	0
Case 99	16	22,871,312	24,427,148	4	2	6	0
Case 99	16	24,429,827	25,049,764	6	1	7	0
Case 99	16	25,052,051	26,660,430	2	1	3	0
Case 99	16	26,660,902	28,601,802	2	2	4	0
Case 99	16	28,602,991	28,990,587	3	1	4	0
Case 99	16	28,990,588	29,412,503	2	1	3	0
Case 99	16	29,595,483	32,941,309	3	2	5	0
Case 99	16	33,460,718	35,285,582	2	1	3	0
Case 99	16	46,450,037	48,479,935	2	1	3	0
Case 99	16	48,488,527	48,846,170	1	1	2	0
Case 99	16	48,851,380	53,190,992	2	1	3	0
Case 99	16	53,191,116	53,476,600	1	1	2	0
Case 99	16	53,479,531	53,967,952	2	1	3	0
Case 99	16	53,973,807	54,038,336	1	1	2	0
Case 99	16	54,039,486	55,208,351	2	1	3	0
Case 99	16	55,211,634	55,455,982	2	2	4	0
Case 99	16	55,460,657	56,984,763	2	1	3	0
Case 99	16	56,988,044	57,059,999	1	1	2	0
Case 99	16	57,060,009	57,171,141	2	1	3	0
Case 99	16	57,171,397	57,440,896	1	1	2	0
Case 99	16	57,441,407	57,521,274	2	1	3	0
Case 99	16	57,531,633	57,702,274	1	1	2	0
Case 99	16	57,702,473	57,762,432	2	1	3	0
Case 99	16	57,762,486	57,912,304	1	1	2	0
Case 99	16	57,912,679	59,020,442	2	1	3	0
Case 99	16	59,022,389	61,116,730	1	1	2	0
Case 99	16	61,117,063	62,642,333	2	1	3	0
Case 99	16	62,642,846	64,025,960	1	1	2	0
Case 99	16	64,027,148	67,220,457	2	1	3	0
Case 99	16	67,220,741	67,244,036	1	1	2	0
Case 99	16	67,247,444	68,024,019	2	1	3	0
Case 99	16	68,024,732	68,155,996	1	1	2	0
Case 99	16	68,156,067	68,405,061	2	1	3	0
Case 99	16	68,405,079	68,839,263	1	1	2	0
Case 99	16	68,839,293	69,559,696	2	1	3	0
Case 99	16	69,563,842	70,154,486	3	0	3	1
Case 99	16	70,166,140	70,284,720	3	1	4	0
Case 99	16	70,284,784	70,464,818	2	1	3	0
Case 99	16	70,467,819	70,694,076	1	1	2	0
Case 99	16	70,697,927	70,841,656	2	1	3	0
Case 99	16	70,841,658	71,218,789	4	1	5	0
Case 99	16	71,220,668	71,371,993	1	1	2	0
Case 99	16	71,373,048	72,822,678	2	1	3	0

Case 99	16	72,827,202	73,774,321	2	2	4	0
Case 99	16	73,774,855	73,829,111	2	1	3	0
Case 99	16	73,830,476	74,186,894	1	1	2	0
Case 99	16	74,189,714	75,563,352	2	1	3	0
Case 99	16	75,563,360	75,840,629	1	1	2	0
Case 99	16	75,853,626	76,326,496	2	1	3	0
Case 99	16	76,329,702	76,523,717	1	1	2	0
Case 99	16	76,523,755	77,297,193	2	1	3	0
Case 99	16	77,302,778	77,310,496	1	1	2	0
Case 99	16	77,310,808	77,398,263	2	1	3	0
Case 99	16	77,400,082	77,622,536	2	2	4	0
Case 99	16	77,623,684	77,912,966	2	1	3	0
Case 99	16	77,914,473	78,869,972	2	2	4	0
Case 99	16	78,870,240	78,985,040	2	0	2	1
Case 99	16	78,985,073	78,985,073	4	2	6	0
Case 99	16	78,986,071	79,051,997	2	2	4	0
Case 99	16	79,053,610	79,151,251	2	1	3	0
Case 99	16	79,152,089	79,238,685	1	1	2	0
Case 99	16	79,238,854	81,324,160	2	1	3	0
Case 99	16	81,324,324	81,580,088	1	1	2	0
Case 99	16	81,588,142	82,306,343	2	1	3	0
Case 99	16	82,306,551	82,775,107	2	2	4	0
Case 99	16	82,776,234	83,005,708	2	1	3	0
Case 99	16	83,007,449	83,226,661	1	1	2	0
Case 99	16	83,227,014	83,414,018	2	1	3	0
Case 99	16	83,414,398	83,664,301	2	2	4	0
Case 99	16	83,664,581	84,213,187	2	1	3	0
Case 99	16	84,213,211	84,256,130	1	1	2	0
Case 99	16	84,256,201	84,724,256	2	1	3	0
Case 99	16	84,724,295	84,832,998	1	1	2	0
Case 99	16	84,839,954	86,680,658	2	1	3	0
Case 99	16	86,681,031	87,337,543	2	2	4	0
Case 99	16	87,339,390	87,437,107	2	1	3	0
Case 99	16	87,439,169	87,678,248	1	1	2	0
Case 99	16	87,678,302	88,332,479	2	1	3	0
Case 99	16	88,338,467	88,637,896	1	1	2	0
Case 99	16	88,637,970	88,701,780	2	1	3	0
Case 99	16	88,704,770	88,898,407	1	1	2	0
Case 99	16	88,901,632	89,371,704	2	1	3	0
Case 99	16	89,371,827	89,805,074	1	1	2	0
Case 99	16	89,805,301	90,274,695	2	1	3	0
Case 99	17	11,885	1,472,562	4	0	4	1
Case 99	17	1,474,982	1,564,292	3	0	3	1
Case 99	17	1,567,689	22,242,355	4	0	4	1
Case 99	17	25,268,142	56,384,290	4	0	4	1
Case 99	17	56,384,991	56,405,103	3	0	3	1
Case 99	17	56,405,858	73,494,963	4	0	4	1
Case 99	17	73,495,025	73,945,529	3	0	3	1
Case 99	17	73,945,640	78,156,762	4	0	4	1
Case 99	17	78,157,811	78,195,493	3	0	3	1
Case 99	17	78,196,475	79,084,715	4	0	4	1
Case 99	17	79,089,590	80,401,903	3	0	3	1
Case 99	17	80,401,946	81,060,040	4	0	4	1
Case 99	18	87,505	2,847,917	2	1	3	0
Case 99	18	2,851,819	5,782,507	2	2	4	0
Case 99	18	5,788,294	7,382,881	2	1	3	0
Case 99	18	7,383,260	9,526,634	2	2	4	0
Case 99	18	9,527,100	9,846,033	2	1	3	0
Case 99	18	9,847,545	10,564,051	2	2	4	0
Case 99	18	10,564,248	15,375,878	2	1	3	0
Case 99	18	18,520,354	19,100,854	2	1	3	0



Case 99	18	19,107,091	20,904,406	3	1	4	0
Case 99	18	20,915,791	21,037,808	4	1	5	0
Case 99	18	21,041,225	21,513,768	5	1	6	0
Case 99	18	21,513,810	22,588,929	4	1	5	0
Case 99	18	22,595,550	23,328,744	5	1	6	0
Case 99	18	23,330,422	23,372,314	6	1	7	0
Case 99	18	23,389,136	23,504,011	3	1	4	0
Case 99	18	23,504,200	23,531,600	2	1	3	0
Case 99	18	23,537,365	28,842,738	1	1	2	0
Case 99	18	28,849,215	29,283,145	2	1	3	0
Case 99	18	29,286,801	29,750,658	1	1	2	0
Case 99	18	29,754,749	29,951,538	2	1	3	0
Case 99	18	29,953,667	34,917,023	1	1	2	0
Case 99	18	34,917,959	36,163,993	2	1	3	0
Case 99	18	36,164,249	42,081,925	1	1	2	0
Case 99	18	42,086,902	43,329,310	2	1	3	0
Case 99	18	43,329,719	43,923,851	1	1	2	0
Case 99	18	43,940,065	46,515,916	2	1	3	0
Case 99	18	46,516,210	47,010,017	1	1	2	0
Case 99	18	47,010,098	48,685,468	2	1	3	0
Case 99	18	48,686,563	53,977,917	1	1	2	0
Case 99	18	53,986,552	55,149,354	2	1	3	0
Case 99	18	55,150,557	55,723,315	1	1	2	0
Case 99	18	55,726,152	56,297,110	2	1	3	0
Case 99	18	56,297,220	56,852,972	1	1	2	0
Case 99	18	56,855,621	57,128,753	2	1	3	0
Case 99	18	57,128,858	58,038,332	1	1	2	0
Case 99	18	58,038,777	58,051,263	2	1	3	0
Case 99	18	58,051,294	61,170,694	1	1	2	0
Case 99	18	61,170,721	61,394,140	2	1	3	0
Case 99	18	61,398,078	71,480,827	1	1	2	0
Case 99	18	71,482,490	73,533,574	2	1	3	0
Case 99	18	73,534,004	74,672,735	1	1	2	0
Case 99	18	74,680,224	74,884,667	2	1	3	0
Case 99	18	74,885,488	75,004,937	1	1	2	0
Case 99	18	75,006,885	75,118,412	2	1	3	0
Case 99	18	75,124,722	76,260,205	1	1	2	0
Case 99	18	76,267,149	76,704,368	2	1	3	0
Case 99	18	76,705,614	77,134,275	1	1	2	0
Case 99	18	77,138,035	77,661,170	2	1	3	0
Case 99	18	77,664,150	78,015,180	1	1	2	0
Case 99	19	260,912	418,769	3	1	4	0
Case 99	19	418,948	1,271,462	2	1	3	0
Case 99	19	1,272,040	2,141,209	3	0	3	1
Case 99	19	2,160,529	2,830,344	2	1	3	0
Case 99	19	2,832,338	3,035,766	3	1	4	0
Case 99	19	3,037,787	3,728,609	2	1	3	0
Case 99	19	3,728,642	5,790,284	2	2	4	0
Case 99	19	5,791,071	6,734,014	3	1	4	0
Case 99	19	6,734,038	6,988,914	2	2	4	0
Case 99	19	6,989,025	7,506,936	3	1	4	0
Case 99	19	7,507,444	7,735,140	2	1	3	0
Case 99	19	7,741,726	7,868,715	3	1	4	0
Case 99	19	7,871,837	8,996,460	2	1	3	0
Case 99	19	8,996,695	9,297,196	3	1	4	0
Case 99	19	9,297,286	10,091,365	2	1	3	0
Case 99	19	10,091,529	10,405,284	3	1	4	0
Case 99	19	10,408,318	11,358,799	2	1	3	0
Case 99	19	11,359,484	11,598,224	2	2	4	0
Case 99	19	11,598,232	12,788,452	2	1	3	0
Case 99	19	12,790,506	13,008,674	2	2	4	0

Case 99	19	13,010,299	14,425,353	4	2	6	0
Case 99	19	14,431,710	14,467,313	2	2	4	0
Case 99	19	14,473,036	15,205,503	3	2	5	0
Case 99	19	15,206,661	15,308,388	2	1	3	0
Case 99	19	15,317,073	15,806,828	3	2	5	0
Case 99	19	15,806,834	15,852,223	2	1	3	0
Case 99	19	15,852,242	16,376,710	3	1	4	0
Case 99	19	16,387,640	20,411,543	3	0	3	1
Case 99	19	20,413,862	20,890,298	2	1	3	0
Case 99	19	20,890,806	21,801,281	3	0	3	1
Case 99	19	21,806,125	23,255,507	3	1	4	0
Case 99	19	23,257,207	24,240,656	2	1	3	0
Case 99	19	24,255,633	24,629,285	3	0	3	1
Case 99	19	27,732,159	28,243,881	2	1	3	0
Case 99	19	28,246,742	28,565,771	2	2	4	0
Case 99	19	28,569,401	28,666,679	4	2	6	0
Case 99	19	28,666,908	29,545,678	6	1	7	0
Case 99	19	29,551,533	30,197,155	2	2	4	0
Case 99	19	30,198,465	31,115,081	4	2	6	0
Case 99	19	31,117,730	31,532,897	6	1	7	0
Case 99	19	31,567,544	32,845,600	3	1	4	0
Case 99	19	32,845,859	35,219,548	3	0	3	1
Case 99	19	35,223,228	35,684,944	3	1	4	0
Case 99	19	35,685,115	35,939,534	2	2	4	0
Case 99	19	35,939,580	36,295,375	3	1	4	0
Case 99	19	36,297,395	37,644,173	2	2	4	0
Case 99	19	37,645,458	40,354,448	3	2	5	0
Case 99	19	40,357,018	46,949,662	2	2	4	0
Case 99	19	46,952,634	48,379,105	2	1	3	0
Case 99	19	48,379,662	51,200,466	3	0	3	1
Case 99	19	51,205,831	51,483,678	3	1	4	0
Case 99	19	51,485,056	51,584,598	2	1	3	0
Case 99	19	51,584,858	52,496,263	3	1	4	0
Case 99	19	52,496,273	53,451,291	2	1	3	0
Case 99	19	53,452,769	53,612,055	3	1	4	0
Case 99	19	53,612,426	54,570,779	2	1	3	0
Case 99	19	54,573,300	56,420,157	2	2	4	0
Case 99	19	56,421,193	56,572,844	3	2	5	0
Case 99	19	56,573,254	56,691,601	2	1	3	0
Case 99	19	56,693,562	57,007,991	2	2	4	0
Case 99	19	57,008,374	57,867,958	3	1	4	0
Case 99	19	57,868,180	58,048,573	2	1	3	0
Case 99	19	58,048,625	58,523,990	3	1	4	0
Case 99	19	58,524,390	58,598,784	2	1	3	0
Case 99	19	58,600,048	58,973,141	3	1	4	0
Case 99	19	58,978,517	59,097,160	2	1	3	0
Case 99	20	63,244	7,358,423	2	2	4	0
Case 99	20	7,364,753	8,324,256	3	2	5	0
Case 99	20	8,325,488	9,127,494	2	2	4	0
Case 99	20	9,137,424	10,235,426	3	2	5	0
Case 99	20	10,235,585	17,153,321	2	2	4	0
Case 99	20	17,154,782	17,520,898	3	2	5	0
Case 99	20	17,524,903	21,327,089	2	2	4	0
Case 99	20	21,327,108	22,249,187	3	2	5	0
Case 99	20	22,252,275	26,072,582	2	2	4	0
Case 99	20	26,078,211	26,293,985	4	0	4	1
Case 99	20	29,425,357	29,845,559	4	0	4	1
Case 99	20	29,846,378	30,065,694	4	1	5	0
Case 99	20	30,066,287	40,490,356	2	2	4	0
Case 99	20	40,492,858	42,122,452	3	2	5	0
Case 99	20	42,135,767	43,816,593	2	2	4	0

Case 99	20	43,829,584	43,897,362	3	2	5	0
Case 99	20	43,897,590	51,649,730	2	2	4	0
Case 99	20	51,649,948	51,879,861	3	2	5	0
Case 99	20	51,881,039	52,771,261	2	2	4	0
Case 99	20	52,772,741	53,253,686	3	2	5	0
Case 99	20	53,254,815	53,532,627	2	2	4	0
Case 99	20	53,541,227	54,366,440	3	2	5	0
Case 99	20	54,371,967	58,524,529	2	2	4	0
Case 99	20	58,528,449	59,122,693	3	2	5	0
Case 99	20	59,125,742	61,527,378	2	2	4	0
Case 99	20	61,527,563	62,187,126	4	0	4	1
Case 99	20	62,187,204	62,187,743	3	0	3	1
Case 99	20	62,187,744	62,391,014	2	2	4	0
Case 99	20	62,399,641	62,948,788	3	2	5	0
Case 99	21	10,827,533	10,971,337	3	1	4	0
Case 99	21	14,368,320	18,652,994	3	1	4	0
Case 99	21	18,674,800	19,278,614	2	2	4	0
Case 99	21	19,283,870	21,324,649	3	1	4	0
Case 99	21	21,336,088	21,812,046	2	1	3	0
Case 99	21	21,812,287	23,059,127	3	1	4	0
Case 99	21	23,059,409	25,209,156	2	1	3	0
Case 99	21	25,211,216	25,517,741	2	2	4	0
Case 99	21	25,518,478	26,520,594	2	1	3	0
Case 99	21	26,520,748	27,163,338	3	1	4	0
Case 99	21	27,168,049	27,643,476	2	1	3	0
Case 99	21	27,644,590	35,757,915	3	1	4	0
Case 99	21	35,773,931	38,000,778	2	1	3	0
Case 99	21	38,002,291	38,081,500	1	1	2	0
Case 99	21	38,082,812	41,160,099	2	1	3	0
Case 99	21	41,160,938	41,431,874	2	2	4	0
Case 99	21	41,434,841	43,543,193	2	1	3	0
Case 99	21	43,543,261	43,640,169	2	2	4	0
Case 99	21	43,640,183	44,324,329	2	1	3	0
Case 99	21	44,324,365	44,496,941	1	1	2	0
Case 99	21	44,503,243	44,833,854	2	1	3	0
Case 99	21	44,835,301	45,108,038	1	1	2	0
Case 99	21	45,108,044	45,811,343	2	1	3	0
Case 99	21	45,811,411	45,877,078	1	1	2	0
Case 99	21	45,877,121	46,876,004	2	1	3	0
Case 99	21	46,876,044	47,636,418	1	1	2	0
Case 99	21	47,639,392	47,783,504	2	1	3	0
Case 99	21	47,783,806	47,891,525	1	1	2	0
Case 99	21	47,892,806	48,100,155	2	1	3	0
Case 99	22	16,114,244	47,483,147	3	0	3	1
Case 99	22	47,489,470	50,684,515	4	0	4	1
Case 99	22	50,684,747	50,964,236	3	0	3	1
Case 99	22	50,965,683	51,195,728	4	0	4	1
Case 100	1	82,154	1,153,858	2	1	3	0
Case 100	1	1,154,157	1,196,471	3	0	3	1
Case 100	1	1,197,591	1,269,741	4	0	4	1
Case 100	1	1,269,986	1,485,984	5	0	5	1
Case 100	1	1,489,670	2,379,248	4	1	5	0
Case 100	1	2,381,568	3,035,227	2	1	3	0
Case 100	1	3,037,613	3,394,533	3	1	4	0
Case 100	1	3,394,541	5,951,013	2	1	3	0
Case 100	1	5,951,029	6,172,266	3	1	4	0
Case 100	1	6,175,489	6,378,607	2	1	3	0
Case 100	1	6,379,607	6,534,226	3	0	3	1
Case 100	1	6,534,600	11,007,982	2	1	3	0
Case 100	1	11,007,997	11,008,695	1	1	2	0
Case 100	1	11,008,700	14,099,574	2	1	3	0

Case 100	1	14,104,818	14,130,628	3	1	4	0
Case 100	1	14,134,154	14,649,876	3	0	3	1
Case 100	1	14,652,782	16,253,999	2	1	3	0
Case 100	1	16,254,702	16,260,606	3	1	4	0
Case 100	1	16,260,692	16,760,037	2	1	3	0
Case 100	1	16,767,269	17,322,553	3	0	3	1
Case 100	1	17,322,750	21,863,691	2	1	3	0
Case 100	1	21,864,206	21,953,436	3	0	3	1
Case 100	1	21,954,294	34,270,187	2	1	3	0
Case 100	1	34,270,498	35,476,384	3	1	4	0
Case 100	1	35,476,544	39,258,674	2	1	3	0
Case 100	1	39,266,840	41,582,667	3	1	4	0
Case 100	1	41,608,595	41,618,297	2	1	3	0
Case 100	1	41,634,956	42,253,788	4	1	5	0
Case 100	1	42,254,540	45,063,606	6	1	7	0
Case 100	1	45,067,435	45,110,400	3	2	5	0
Case 100	1	45,110,683	45,766,451	4	1	5	0
Case 100	1	45,788,479	46,159,201	3	1	4	0
Case 100	1	46,159,395	49,127,186	2	1	3	0
Case 100	1	49,128,902	49,189,775	3	1	4	0
Case 100	1	49,193,129	49,352,177	5	1	6	0
Case 100	1	49,361,990	62,614,453	2	1	3	0
Case 100	1	62,615,684	62,739,433	3	0	3	1
Case 100	1	62,739,542	66,790,248	2	1	3	0
Case 100	1	66,796,248	66,986,653	3	0	3	1
Case 100	1	66,986,715	68,634,144	2	1	3	0
Case 100	1	68,634,196	69,083,551	3	0	3	1
Case 100	1	69,087,317	70,343,674	4	0	4	1
Case 100	1	70,355,981	81,897,255	3	0	3	1
Case 100	1	81,897,388	82,237,323	2	1	3	0
Case 100	1	82,242,203	104,779,012	3	0	3	1
Case 100	1	104,789,235	107,232,816	2	0	2	1
Case 100	1	107,235,329	107,848,612	3	0	3	1
Case 100	1	107,849,040	110,130,405	2	1	3	0
Case 100	1	110,132,098	110,863,079	3	1	4	0
Case 100	1	110,871,061	111,036,717	2	1	3	0
Case 100	1	111,038,840	112,048,264	3	1	4	0
Case 100	1	112,052,105	112,433,863	2	1	3	0
Case 100	1	112,434,196	112,659,363	3	1	4	0
Case 100	1	112,667,758	116,605,423	2	1	3	0
Case 100	1	116,607,788	117,025,609	3	1	4	0
Case 100	1	117,026,156	117,753,528	2	1	3	0
Case 100	1	117,756,019	120,861,593	3	1	4	0
Case 100	1	120,918,861	121,346,616	3	0	3	1
Case 100	1	142,649,718	143,418,972	3	0	3	1
Case 100	1	143,720,409	147,246,793	2	2	4	0
Case 100	1	147,248,817	147,726,495	3	2	5	0
Case 100	1	147,729,232	152,151,950	2	2	4	0
Case 100	1	152,152,329	152,275,740	3	2	5	0
Case 100	1	152,275,790	152,286,468	2	2	4	0
Case 100	1	152,286,487	153,177,373	3	2	5	0
Case 100	1	153,177,852	153,584,242	2	2	4	0
Case 100	1	153,585,974	154,295,594	4	2	6	0
Case 100	1	154,296,076	154,303,963	3	0	3	1
Case 100	1	154,303,976	154,382,049	4	0	4	1
Case 100	1	154,400,015	154,430,092	5	0	5	1
Case 100	1	154,432,420	155,735,887	2	2	4	0
Case 100	1	155,735,960	156,526,444	2	1	3	0
Case 100	1	156,526,467	156,810,789	3	1	4	0
Case 100	1	156,811,202	156,884,365	2	1	3	0
Case 100	1	156,890,672	157,116,035	3	1	4	0

Case 100	1	157,118,421	157,556,532	2	1	3	0
Case 100	1	157,557,111	157,634,415	3	0	3	1
Case 100	1	157,637,964	157,670,816	3	1	4	0
Case 100	1	157,672,304	158,061,626	2	1	3	0
Case 100	1	158,063,551	158,436,280	3	1	4	0
Case 100	1	158,446,532	161,161,016	3	0	3	1
Case 100	1	161,161,058	161,172,233	2	0	2	1
Case 100	1	161,172,525	169,762,613	3	0	3	1
Case 100	1	169,762,661	169,816,943	2	0	2	1
Case 100	1	169,818,763	171,405,186	3	0	3	1
Case 100	1	171,409,515	171,592,553	2	0	2	1
Case 100	1	171,592,869	173,678,039	3	0	3	1
Case 100	1	173,680,991	174,934,586	2	0	2	1
Case 100	1	174,937,352	178,633,373	3	0	3	1
Case 100	1	178,641,945	179,437,777	2	0	2	1
Case 100	1	179,452,275	180,893,135	3	0	3	1
Case 100	1	180,894,304	180,914,534	2	0	2	1
Case 100	1	180,915,596	185,013,349	3	0	3	1
Case 100	1	185,014,002	185,500,084	2	0	2	1
Case 100	1	185,510,752	186,345,497	3	0	3	1
Case 100	1	186,351,104	186,685,818	2	0	2	1
Case 100	1	186,687,347	187,557,096	3	0	3	1
Case 100	1	187,565,339	189,002,771	2	0	2	1
Case 100	1	189,012,899	191,109,973	3	0	3	1
Case 100	1	191,145,367	192,366,691	2	0	2	1
Case 100	1	192,370,110	194,299,382	3	0	3	1
Case 100	1	194,301,026	195,350,153	2	0	2	1
Case 100	1	195,363,004	201,042,268	3	0	3	1
Case 100	1	201,042,735	201,888,672	4	0	4	1
Case 100	1	201,888,969	202,398,019	3	0	3	1
Case 100	1	202,402,782	203,743,128	4	0	4	1
Case 100	1	203,743,145	204,274,256	3	0	3	1
Case 100	1	204,281,004	205,055,162	4	0	4	1
Case 100	1	205,063,949	205,813,329	3	0	3	1
Case 100	1	205,813,330	206,223,319	4	0	4	1
Case 100	1	206,223,556	206,772,753	3	0	3	1
Case 100	1	206,773,157	209,771,347	4	0	4	1
Case 100	1	209,773,416	211,486,997	3	0	3	1
Case 100	1	211,488,538	211,570,581	2	0	2	1
Case 100	1	211,588,944	213,178,551	3	0	3	1
Case 100	1	213,178,764	214,622,818	4	0	4	1
Case 100	1	214,625,224	218,492,121	3	0	3	1
Case 100	1	218,500,591	219,570,103	4	0	4	1
Case 100	1	219,577,106	220,869,999	3	0	3	1
Case 100	1	220,870,033	222,553,902	4	0	4	1
Case 100	1	222,560,139	228,584,659	3	0	3	1
Case 100	1	228,585,562	229,157,752	4	0	4	1
Case 100	1	229,159,643	229,772,630	3	0	3	1
Case 100	1	229,772,693	230,953,983	4	0	4	1
Case 100	1	230,954,785	231,903,010	3	0	3	1
Case 100	1	231,906,589	232,896,663	4	0	4	1
Case 100	1	232,901,272	249,145,628	3	0	3	1
Case 100	1	249,146,286	249,218,992	4	0	4	1
Case 100	2	18,674	43,315,848	3	0	3	1
Case 100	2	43,317,253	47,238,519	3	2	5	0
Case 100	2	47,238,530	49,096,835	2	2	4	0
Case 100	2	49,099,508	49,492,187	3	2	5	0
Case 100	2	49,493,299	73,869,666	3	0	3	1
Case 100	2	73,878,352	73,928,422	6	0	6	1
Case 100	2	73,932,044	85,658,232	3	0	3	1
Case 100	2	85,662,244	85,673,991	2	0	2	1

Case 100	2	85,674,576	92,081,640	3	0	3	1
Case 100	2	95,429,424	95,954,266	3	0	3	1
Case 100	2	95,954,294	98,709,679	4	0	4	1
Case 100	2	98,710,243	131,487,112	5	0	5	1
Case 100	2	131,487,166	138,509,193	4	0	4	1
Case 100	2	138,522,393	138,729,113	5	0	5	1
Case 100	2	138,729,234	150,055,735	2	2	4	0
Case 100	2	150,058,128	151,677,478	3	2	5	0
Case 100	2	151,681,039	154,417,270	2	2	4	0
Case 100	2	154,418,706	158,176,774	3	2	5	0
Case 100	2	158,177,489	159,536,990	2	2	4	0
Case 100	2	159,537,101	170,675,765	3	2	5	0
Case 100	2	170,676,105	179,416,834	2	2	4	0
Case 100	2	179,416,879	179,642,620	3	2	5	0
Case 100	2	179,642,665	181,522,907	2	2	4	0
Case 100	2	181,542,055	183,347,174	3	2	5	0
Case 100	2	183,350,379	184,786,881	2	2	4	0
Case 100	2	184,797,826	187,213,730	3	2	5	0
Case 100	2	187,240,797	190,920,386	2	2	4	0
Case 100	2	190,921,491	196,277,506	3	2	5	0
Case 100	2	196,288,136	198,875,464	2	2	4	0
Case 100	2	198,881,668	201,604,436	3	2	5	0
Case 100	2	201,606,722	207,705,755	2	2	4	0
Case 100	2	207,707,077	208,335,510	3	2	5	0
Case 100	2	208,336,308	209,222,578	2	2	4	0
Case 100	2	209,233,517	209,572,263	3	2	5	0
Case 100	2	209,574,249	211,354,027	2	2	4	0
Case 100	2	211,355,495	215,650,580	3	2	5	0
Case 100	2	215,657,032	217,885,659	2	2	4	0
Case 100	2	217,894,024	219,269,098	3	2	5	0
Case 100	2	219,269,135	219,515,109	2	2	4	0
Case 100	2	219,520,895	220,360,683	3	2	5	0
Case 100	2	220,363,488	220,470,710	3	1	4	0
Case 100	2	220,471,441	224,145,451	3	2	5	0
Case 100	2	224,146,067	224,836,562	2	2	4	0
Case 100	2	224,837,600	225,177,666	3	2	5	0
Case 100	2	225,178,583	226,034,642	2	2	4	0
Case 100	2	226,035,360	227,205,102	3	2	5	0
Case 100	2	227,207,379	232,789,015	2	2	4	0
Case 100	2	232,790,908	233,272,091	3	2	5	0
Case 100	2	233,272,305	234,189,406	2	2	4	0
Case 100	2	234,190,740	235,194,246	3	2	5	0
Case 100	2	235,195,230	239,184,581	2	2	4	0
Case 100	2	239,185,804	240,732,508	3	2	5	0
Case 100	2	240,732,594	242,665,008	2	2	4	0
Case 100	2	242,667,894	243,048,760	2	1	3	0
Case 100	3	61,495	6,406,809	3	0	3	1
Case 100	3	6,409,144	9,969,994	2	1	3	0
Case 100	3	9,970,030	10,124,120	3	0	3	1
Case 100	3	10,126,312	12,224,151	2	1	3	0
Case 100	3	12,226,031	12,470,043	3	0	3	1
Case 100	3	12,470,314	22,081,979	2	1	3	0
Case 100	3	22,083,147	38,721,160	3	0	3	1
Case 100	3	38,721,308	38,893,532	4	0	4	1
Case 100	3	38,895,359	46,295,777	3	0	3	1
Case 100	3	46,299,765	46,449,864	4	0	4	1
Case 100	3	46,449,890	59,905,961	3	0	3	1
Case 100	3	59,906,598	59,981,525	4	0	4	1
Case 100	3	59,981,976	60,240,638	3	0	3	1
Case 100	3	60,241,445	60,254,987	2	0	2	1
Case 100	3	60,256,485	60,330,390	1	0	1	0

Case 100	3	60,332,301	61,081,768	3	0	3	1
Case 100	3	61,082,153	67,458,381	2	1	3	0
Case 100	3	67,458,562	90,442,925	3	0	3	1
Case 100	3	93,537,290	94,840,458	3	0	3	1
Case 100	3	94,840,605	97,868,931	4	0	4	1
Case 100	3	97,869,026	98,001,874	3	0	3	1
Case 100	3	98,002,188	101,231,921	3	1	4	0
Case 100	3	101,232,736	101,807,592	2	1	3	0
Case 100	3	101,808,006	118,062,786	3	1	4	0
Case 100	3	118,081,025	118,095,784	3	0	3	1
Case 100	3	118,098,264	134,322,742	4	0	4	1
Case 100	3	134,322,756	136,664,745	3	1	4	0
Case 100	3	136,664,749	139,489,458	2	1	3	0
Case 100	3	139,496,471	139,682,495	3	0	3	1
Case 100	3	139,684,873	155,139,253	2	1	3	0
Case 100	3	155,142,297	155,355,295	3	0	3	1
Case 100	3	155,357,370	161,097,268	2	1	3	0
Case 100	3	161,098,330	161,460,016	3	0	3	1
Case 100	3	161,474,909	165,311,604	2	1	3	0
Case 100	3	165,314,375	165,547,973	3	0	3	1
Case 100	3	165,548,010	184,508,101	2	1	3	0
Case 100	3	184,514,613	188,476,787	3	0	3	1
Case 100	3	188,477,590	191,257,864	2	1	3	0
Case 100	3	191,258,074	191,348,064	3	0	3	1
Case 100	3	191,348,677	197,838,262	2	1	3	0
Case 100	4	71,566	520,973	3	0	3	1
Case 100	4	521,480	756,986	4	0	4	1
Case 100	4	759,374	949,214	3	0	3	1
Case 100	4	949,223	1,017,749	2	1	3	0
Case 100	4	1,017,759	1,554,748	3	1	4	0
Case 100	4	1,563,920	2,939,018	2	1	3	0
Case 100	4	2,940,916	3,344,760	3	1	4	0
Case 100	4	3,346,617	3,516,501	2	1	3	0
Case 100	4	3,519,881	3,709,475	3	1	4	0
Case 100	4	3,710,982	4,990,563	2	1	3	0
Case 100	4	4,991,380	5,161,027	3	1	4	0
Case 100	4	5,162,389	5,527,185	2	1	3	0
Case 100	4	5,527,214	5,664,970	3	1	4	0
Case 100	4	5,665,201	5,844,865	2	1	3	0
Case 100	4	5,847,493	6,342,213	3	1	4	0
Case 100	4	6,342,359	6,857,278	2	1	3	0
Case 100	4	6,862,131	7,043,795	3	1	4	0
Case 100	4	7,043,830	7,174,993	2	1	3	0
Case 100	4	7,178,278	7,984,736	3	1	4	0
Case 100	4	7,985,047	8,367,799	2	1	3	0
Case 100	4	8,368,433	8,621,123	3	1	4	0
Case 100	4	8,621,172	13,302,267	2	1	3	0
Case 100	4	13,303,269	15,482,322	3	1	4	0
Case 100	4	15,482,360	23,173,926	2	1	3	0
Case 100	4	23,175,107	24,134,431	3	1	4	0
Case 100	4	24,134,520	24,882,927	2	1	3	0
Case 100	4	24,885,284	25,009,491	3	1	4	0
Case 100	4	25,011,001	40,447,356	2	1	3	0
Case 100	4	40,451,394	40,546,244	3	0	3	1
Case 100	4	40,548,057	49,067,067	2	1	3	0
Case 100	4	49,091,782	49,620,898	1	1	2	0
Case 100	4	52,697,856	55,426,618	1	1	2	0
Case 100	4	55,426,911	55,976,857	2	1	3	0
Case 100	4	55,978,210	73,149,047	1	1	2	0
Case 100	4	73,149,106	79,710,989	2	1	3	0
Case 100	4	79,720,870	80,217,741	1	1	2	0

Case 100	4	80,226,156	80,339,467	2	1	3	0
Case 100	4	80,348,284	81,181,388	1	1	2	0
Case 100	4	81,183,900	88,411,950	2	0	2	1
Case 100	4	88,412,806	88,799,710	3	0	3	1
Case 100	4	88,801,906	90,100,155	2	0	2	1
Case 100	4	90,102,682	90,374,397	3	0	3	1
Case 100	4	90,375,951	96,733,861	2	0	2	1
Case 100	4	96,734,419	96,893,798	3	0	3	1
Case 100	4	96,897,523	99,337,994	2	0	2	1
Case 100	4	99,338,519	99,636,215	3	0	3	1
Case 100	4	99,636,952	100,336,769	2	0	2	1
Case 100	4	100,336,773	114,267,117	1	1	2	0
Case 100	4	114,267,122	114,311,645	2	1	3	0
Case 100	4	114,312,389	123,536,862	1	1	2	0
Case 100	4	123,536,963	123,799,987	2	1	3	0
Case 100	4	123,800,617	126,320,038	1	1	2	0
Case 100	4	126,321,993	126,412,558	2	1	3	0
Case 100	4	126,412,575	130,161,321	1	1	2	0
Case 100	4	130,161,349	130,412,508	2	1	3	0
Case 100	4	130,417,557	152,498,875	1	1	2	0
Case 100	4	152,499,143	152,945,315	2	1	3	0
Case 100	4	152,947,155	155,129,517	1	1	2	0
Case 100	4	155,132,707	155,225,826	2	1	3	0
Case 100	4	155,225,839	167,907,991	1	1	2	0
Case 100	4	167,908,627	168,216,832	2	0	2	1
Case 100	4	168,236,901	187,445,552	1	1	2	0
Case 100	4	187,449,434	187,527,319	2	1	3	0
Case 100	4	187,527,321	187,538,942	1	1	2	0
Case 100	4	187,539,125	187,549,905	2	1	3	0
Case 100	4	187,550,697	189,672,283	1	1	2	0
Case 100	4	189,673,054	189,881,357	2	0	2	1
Case 100	4	189,882,597	190,688,592	1	1	2	0
Case 100	4	190,690,358	190,742,692	2	1	3	0
Case 100	4	190,745,892	190,963,766	3	0	3	1
Case 100	5	38,139	3,109,410	6	0	6	1
Case 100	5	3,110,197	7,065,257	3	0	3	1
Case 100	5	7,071,229	7,178,644	2	0	2	1
Case 100	5	7,179,551	11,329,757	3	0	3	1
Case 100	5	11,333,739	13,221,613	2	0	2	1
Case 100	5	13,235,570	13,809,221	3	0	3	1
Case 100	5	13,811,775	13,850,750	2	0	2	1
Case 100	5	13,850,914	13,991,502	3	0	3	1
Case 100	5	13,993,530	20,358,169	2	0	2	1
Case 100	5	20,364,007	46,228,333	6	0	6	1
Case 100	5	46,251,306	46,399,093	3	0	3	1
Case 100	5	49,457,282	56,742,262	3	0	3	1
Case 100	5	56,749,587	58,618,889	5	0	5	1
Case 100	5	58,620,440	64,762,465	3	0	3	1
Case 100	5	64,763,225	65,121,368	2	0	2	1
Case 100	5	65,122,967	139,931,384	3	0	3	1
Case 100	5	139,931,607	139,938,303	1	0	1	0
Case 100	5	139,938,337	180,693,127	3	0	3	1
Case 100	6	108,666	474,252	4	0	4	1
Case 100	6	475,154	3,340,717	3	0	3	1
Case 100	6	3,341,675	3,527,310	4	0	4	1
Case 100	6	3,531,912	6,167,822	3	0	3	1
Case 100	6	6,167,833	6,224,961	4	0	4	1
Case 100	6	6,225,027	29,356,687	3	0	3	1
Case 100	6	29,356,734	29,455,357	4	0	4	1
Case 100	6	29,455,505	31,265,146	3	0	3	1
Case 100	6	31,265,262	31,390,410	4	0	4	1



Case 100	6	31,391,401	31,526,856	3	0	3	1
Case 100	6	31,527,266	32,282,216	2	1	3	0
Case 100	6	32,282,854	32,290,208	4	1	5	0
Case 100	6	32,290,927	32,921,774	2	1	3	0
Case 100	6	32,922,459	33,113,197	3	0	3	1
Case 100	6	33,114,171	37,514,103	2	1	3	0
Case 100	6	37,514,461	40,218,128	3	0	3	1
Case 100	6	40,224,268	40,999,802	4	0	4	1
Case 100	6	41,000,638	41,197,301	3	0	3	1
Case 100	6	41,197,857	41,455,297	4	0	4	1
Case 100	6	41,458,286	58,752,089	3	0	3	1
Case 100	6	61,891,118	78,294,880	3	0	3	1
Case 100	6	78,297,902	101,392,348	2	2	4	0
Case 100	6	101,395,407	110,239,704	2	1	3	0
Case 100	6	110,241,059	151,914,385	2	2	4	0
Case 100	6	151,914,951	157,265,752	4	2	6	0
Case 100	6	157,266,505	158,504,365	3	0	3	1
Case 100	6	158,504,518	159,178,307	2	0	2	1
Case 100	6	159,178,316	159,857,915	3	0	3	1
Case 100	6	159,860,514	160,102,593	2	0	2	1
Case 100	6	160,102,710	160,251,955	3	0	3	1
Case 100	6	160,255,243	160,448,324	2	0	2	1
Case 100	6	160,448,336	160,526,016	3	0	3	1
Case 100	6	160,527,180	160,548,690	2	0	2	1
Case 100	6	160,549,037	160,799,606	3	0	3	1
Case 100	6	160,802,239	162,068,565	2	0	2	1
Case 100	6	162,069,569	162,238,518	3	0	3	1
Case 100	6	162,242,404	163,534,740	2	0	2	1
Case 100	6	163,536,607	164,721,435	3	0	3	1
Case 100	6	164,721,947	165,494,322	2	0	2	1
Case 100	6	165,495,999	166,561,712	3	0	3	1
Case 100	6	166,562,346	166,836,744	2	0	2	1
Case 100	6	166,838,291	168,439,279	3	0	3	1
Case 100	6	168,439,301	168,543,303	2	0	2	1
Case 100	6	168,546,852	168,708,369	3	0	3	1
Case 100	6	168,708,377	168,801,934	2	0	2	1
Case 100	6	168,805,887	169,463,997	3	0	3	1
Case 100	6	169,464,306	169,756,921	2	0	2	1
Case 100	6	169,763,254	170,070,703	3	0	3	1
Case 100	6	170,070,723	170,155,444	2	0	2	1
Case 100	6	170,155,460	170,980,171	3	0	3	1
Case 100	7	44,935	883,107	2	1	3	0
Case 100	7	884,665	971,124	2	2	4	0
Case 100	7	975,046	4,820,940	2	1	3	0
Case 100	7	4,821,257	4,843,307	1	1	2	0
Case 100	7	4,843,335	5,521,534	2	1	3	0
Case 100	7	5,524,805	5,643,663	3	0	3	1
Case 100	7	5,644,693	15,852,195	2	1	3	0
Case 100	7	15,859,501	15,884,675	3	0	3	1
Case 100	7	15,889,830	23,768,907	2	1	3	0
Case 100	7	23,771,484	44,713,264	2	2	4	0
Case 100	7	44,713,691	45,148,814	2	1	3	0
Case 100	7	45,150,331	55,718,401	2	2	4	0
Case 100	7	55,718,702	58,019,061	3	0	3	1
Case 100	7	61,056,053	66,453,413	3	0	3	1
Case 100	7	66,453,476	68,508,645	2	2	4	0
Case 100	7	68,514,117	68,908,066	2	1	3	0
Case 100	7	68,910,326	71,152,622	2	2	4	0
Case 100	7	71,154,079	75,946,763	2	1	3	0
Case 100	7	75,951,230	87,215,114	3	1	4	0
Case 100	7	87,215,304	87,225,252	3	2	5	0

Case 100	7	87,225,312	89,215,545	4	1	5	0
Case 100	7	89,218,446	89,218,446	2	2	4	0
Case 100	7	89,254,213	89,321,267	2	1	3	0
Case 100	7	89,332,591	89,861,890	2	2	4	0
Case 100	7	89,861,957	90,630,558	2	1	3	0
Case 100	7	90,630,720	90,825,228	2	2	4	0
Case 100	7	90,828,977	92,734,065	2	1	3	0
Case 100	7	92,734,285	93,108,681	2	2	4	0
Case 100	7	93,116,243	94,252,671	2	1	3	0
Case 100	7	94,253,617	94,926,585	2	2	4	0
Case 100	7	94,927,242	95,301,853	2	1	3	0
Case 100	7	95,315,537	95,794,801	2	2	4	0
Case 100	7	95,800,784	96,719,140	2	1	3	0
Case 100	7	96,724,452	97,193,864	1	1	2	0
Case 100	7	97,195,851	97,273,056	2	1	3	0
Case 100	7	97,281,912	97,595,215	3	0	3	1
Case 100	7	97,602,656	97,647,191	2	1	3	0
Case 100	7	97,653,811	97,796,093	1	1	2	0
Case 100	7	97,807,316	99,461,219	2	1	3	0
Case 100	7	99,461,225	99,696,978	2	2	4	0
Case 100	7	99,696,984	100,781,909	2	1	3	0
Case 100	7	100,782,081	100,839,253	1	1	2	0
Case 100	7	100,839,291	101,647,143	2	1	3	0
Case 100	7	101,649,622	101,835,352	3	0	3	1
Case 100	7	101,840,206	103,391,409	2	1	3	0
Case 100	7	103,392,761	104,303,928	2	2	4	0
Case 100	7	104,304,300	105,321,923	2	1	3	0
Case 100	7	105,322,023	105,394,489	1	1	2	0
Case 100	7	105,394,542	105,603,809	2	1	3	0
Case 100	7	105,604,722	106,214,257	2	2	4	0
Case 100	7	106,214,277	107,626,770	2	1	3	0
Case 100	7	107,638,236	107,678,977	2	2	4	0
Case 100	7	107,683,100	109,217,197	2	1	3	0
Case 100	7	109,222,164	109,407,682	2	2	4	0
Case 100	7	109,408,487	110,172,048	2	1	3	0
Case 100	7	110,172,394	111,069,946	2	2	4	0
Case 100	7	111,073,710	111,430,652	2	1	3	0
Case 100	7	111,430,661	111,820,439	2	2	4	0
Case 100	7	111,820,664	112,424,474	2	1	3	0
Case 100	7	112,424,547	112,723,093	3	0	3	1
Case 100	7	112,724,417	113,327,166	2	2	4	0
Case 100	7	113,333,114	114,304,425	2	1	3	0
Case 100	7	114,304,969	115,807,797	2	2	4	0
Case 100	7	115,817,269	116,182,419	2	1	3	0
Case 100	7	116,186,241	116,955,306	2	2	4	0
Case 100	7	116,960,720	117,431,755	2	1	3	0
Case 100	7	117,431,971	117,576,675	2	2	4	0
Case 100	7	117,577,359	117,679,958	2	1	3	0
Case 100	7	117,682,101	118,935,374	1	1	2	0
Case 100	7	118,970,521	120,017,847	2	1	3	0
Case 100	7	120,035,706	120,364,028	2	2	4	0
Case 100	7	120,372,127	121,162,276	2	1	3	0
Case 100	7	121,165,809	121,653,419	2	2	4	0
Case 100	7	121,653,532	121,944,239	2	1	3	0
Case 100	7	121,944,527	122,774,729	2	2	4	0
Case 100	7	122,777,190	123,855,507	2	1	3	0
Case 100	7	123,858,915	125,092,157	2	2	4	0
Case 100	7	125,104,792	125,405,105	2	1	3	0
Case 100	7	125,405,273	125,961,043	1	1	2	0
Case 100	7	125,972,744	126,006,996	2	1	3	0
Case 100	7	126,022,653	126,737,888	2	2	4	0

Case 100	7	126,739,691	127,778,512	2	1	3	0
Case 100	7	127,785,381	127,864,005	2	2	4	0
Case 100	7	127,865,816	128,587,524	2	1	3	0
Case 100	7	128,588,831	128,843,429	1	1	2	0
Case 100	7	128,845,097	130,388,801	2	1	3	0
Case 100	7	130,391,504	130,641,577	2	2	4	0
Case 100	7	130,651,215	130,919,350	2	1	3	0
Case 100	7	130,922,209	130,983,641	1	1	2	0
Case 100	7	130,983,818	131,010,943	2	1	3	0
Case 100	7	131,021,956	131,027,214	1	1	2	0
Case 100	7	131,029,996	131,222,808	2	2	4	0
Case 100	7	131,222,935	131,222,935	2	1	3	0
Case 100	7	131,223,177	131,300,258	3	0	3	1
Case 100	7	131,301,614	132,813,492	2	2	4	0
Case 100	7	132,813,934	133,103,048	2	1	3	0
Case 100	7	133,105,815	133,848,257	1	1	2	0
Case 100	7	133,848,293	134,215,396	2	1	3	0
Case 100	7	134,215,403	134,627,147	2	2	4	0
Case 100	7	134,628,088	134,972,291	3	0	3	1
Case 100	7	134,972,466	135,488,621	2	1	3	0
Case 100	7	135,491,262	135,901,545	1	1	2	0
Case 100	7	135,904,371	136,839,390	2	1	3	0
Case 100	7	136,849,386	137,210,715	2	2	4	0
Case 100	7	137,213,552	137,801,372	2	1	3	0
Case 100	7	137,801,413	138,262,634	1	1	2	0
Case 100	7	138,263,965	138,982,565	2	1	3	0
Case 100	7	138,983,384	143,875,539	4	1	5	0
Case 100	7	143,951,888	144,408,433	3	1	4	0
Case 100	7	144,410,028	147,926,795	2	1	3	0
Case 100	7	147,931,329	148,394,595	3	1	4	0
Case 100	7	148,400,466	148,951,289	3	0	3	1
Case 100	7	148,951,401	149,381,716	2	1	3	0
Case 100	7	149,384,913	149,529,970	1	1	2	0
Case 100	7	149,530,894	149,983,201	2	1	3	0
Case 100	7	149,992,342	150,081,485	1	1	2	0
Case 100	7	150,084,460	150,762,871	2	1	3	0
Case 100	7	150,763,621	150,883,761	1	1	2	0
Case 100	7	150,883,892	152,143,483	2	1	3	0
Case 100	7	152,152,777	152,420,498	1	1	2	0
Case 100	7	152,430,770	153,034,805	2	1	3	0
Case 100	7	153,036,049	153,070,287	2	0	2	1
Case 100	7	153,071,114	153,071,114	3	0	3	1
Case 100	7	153,078,544	159,119,486	2	1	3	0
Case 100	8	164,984	5,920,629	4	0	4	1
Case 100	8	5,923,150	6,356,645	3	0	3	1
Case 100	8	6,356,937	8,173,997	4	0	4	1
Case 100	8	8,175,717	8,235,297	3	0	3	1
Case 100	8	8,235,321	10,466,621	4	0	4	1
Case 100	8	10,466,702	10,470,751	3	0	3	1
Case 100	8	10,470,757	11,071,057	4	0	4	1
Case 100	8	11,072,549	11,072,549	3	0	3	1
Case 100	8	11,073,578	12,545,638	6	0	6	1
Case 100	8	12,551,156	12,554,743	4	0	4	1
Case 100	8	12,559,475	13,766,875	7	0	7	1
Case 100	8	13,777,214	21,965,274	4	0	4	1
Case 100	8	21,965,325	22,005,750	3	0	3	1
Case 100	8	22,005,885	33,260,047	4	0	4	1
Case 100	8	33,264,711	33,466,724	3	0	3	1
Case 100	8	33,467,010	37,651,477	4	0	4	1
Case 100	8	37,656,183	37,702,012	3	0	3	1
Case 100	8	37,702,138	38,257,914	4	0	4	1

Case 100	8	38,258,455	43,791,691	3	1	4	0
Case 100	8	46,886,735	50,815,672	3	1	4	0
Case 100	8	50,824,431	54,479,940	3	2	5	0
Case 100	8	54,485,315	54,866,148	2	2	4	0
Case 100	8	54,866,491	61,057,832	2	1	3	0
Case 100	8	61,064,200	61,233,439	2	2	4	0
Case 100	8	61,238,290	62,605,852	3	2	5	0
Case 100	8	62,617,027	69,552,619	2	2	4	0
Case 100	8	69,552,683	76,141,132	2	1	3	0
Case 100	8	76,147,954	79,374,229	2	2	4	0
Case 100	8	79,394,667	81,113,769	5	2	7	0
Case 100	8	81,120,044	81,429,892	3	2	5	0
Case 100	8	81,430,748	83,271,395	4	2	6	0
Case 100	8	83,271,680	83,271,680	3	0	3	1
Case 100	8	83,273,087	83,273,087	2	2	4	0
Case 100	8	83,273,096	85,284,531	5	2	7	0
Case 100	8	85,295,976	98,600,977	3	2	5	0
Case 100	8	98,615,175	99,045,883	2	2	4	0
Case 100	8	99,045,978	103,572,247	3	2	5	0
Case 100	8	103,572,822	103,845,526	2	2	4	0
Case 100	8	103,846,946	108,953,881	3	2	5	0
Case 100	8	108,970,309	118,088,055	5	0	5	1
Case 100	8	118,113,304	120,850,640	4	1	5	0
Case 100	8	120,854,088	124,723,631	3	1	4	0
Case 100	8	124,724,982	124,734,801	3	0	3	1
Case 100	8	124,741,583	129,534,673	4	1	5	0
Case 100	8	129,541,377	129,568,078	3	2	5	0
Case 100	8	129,570,064	133,104,433	4	2	6	0
Case 100	8	133,105,833	133,105,833	3	0	3	1
Case 100	8	133,106,539	140,720,163	3	2	5	0
Case 100	8	140,720,412	143,051,673	2	1	3	0
Case 100	8	143,057,986	143,384,314	3	1	4	0
Case 100	8	143,388,250	143,867,047	3	0	3	1
Case 100	8	143,867,905	144,413,499	4	0	4	1
Case 100	8	144,416,928	144,689,289	3	0	3	1
Case 100	8	144,689,290	144,801,322	4	0	4	1
Case 100	8	144,801,569	144,894,496	3	0	3	1
Case 100	8	144,895,495	144,942,718	4	0	4	1
Case 100	8	144,942,796	146,293,414	3	0	3	1
Case 100	9	46,587	19,126,476	3	0	3	1
Case 100	9	19,126,565	19,308,145	2	0	2	1
Case 100	9	19,316,625	32,630,149	3	0	3	1
Case 100	9	32,630,282	32,635,424	4	0	4	1
Case 100	9	32,639,519	37,501,807	3	0	3	1
Case 100	9	37,503,087	37,512,808	6	0	6	1
Case 100	9	37,518,130	39,103,743	3	0	3	1
Case 100	9	39,179,289	46,944,322	4	0	4	1
Case 100	9	65,629,772	71,098,881	4	0	4	1
Case 100	9	71,098,912	83,898,995	5	0	5	1
Case 100	9	83,909,232	84,789,243	4	0	4	1
Case 100	9	84,812,176	85,964,563	5	0	5	1
Case 100	9	85,964,735	87,177,985	4	0	4	1
Case 100	9	87,179,264	88,521,040	5	0	5	1
Case 100	9	88,530,616	88,859,144	4	0	4	1
Case 100	9	88,860,336	90,004,329	5	0	5	1
Case 100	9	90,006,563	91,254,321	4	0	4	1
Case 100	9	91,255,143	95,378,704	5	0	5	1
Case 100	9	95,381,802	96,080,765	4	0	4	1
Case 100	9	96,080,783	97,015,630	5	0	5	1
Case 100	9	97,016,558	97,700,731	4	0	4	1
Case 100	9	97,702,500	97,789,745	3	0	3	1

Case 100	9	97,795,004	98,970,911	5	0	5	1
Case 100	9	98,972,430	100,194,441	4	0	4	1
Case 100	9	100,194,825	119,719,068	5	0	5	1
Case 100	9	119,719,162	138,440,654	4	1	5	0
Case 100	9	138,445,655	138,445,655	3	2	5	0
Case 100	9	138,445,974	139,391,101	6	0	6	1
Case 100	9	139,391,200	139,391,200	3	0	3	1
Case 100	9	139,391,211	141,066,491	4	1	5	0
Case 100	10	98,087	3,176,389	1	1	2	0
Case 100	10	3,176,456	3,202,059	2	1	3	0
Case 100	10	3,202,065	27,132,619	2	0	2	1
Case 100	10	27,150,093	28,097,311	3	0	3	1
Case 100	10	28,100,491	28,326,775	4	0	4	1
Case 100	10	28,335,730	29,548,285	3	0	3	1
Case 100	10	29,549,209	39,097,912	2	0	2	1
Case 100	10	42,436,301	43,264,591	2	0	2	1
Case 100	10	43,265,422	43,467,392	3	0	3	1
Case 100	10	43,471,575	44,053,193	2	0	2	1
Case 100	10	44,053,340	44,494,546	1	1	2	0
Case 100	10	44,501,460	44,830,727	2	1	3	0
Case 100	10	44,833,031	46,999,958	1	1	2	0
Case 100	10	47,000,019	47,412,588	2	1	3	0
Case 100	10	47,543,322	50,108,293	1	1	2	0
Case 100	10	50,109,223	50,870,745	2	1	3	0
Case 100	10	50,870,806	51,543,344	1	1	2	0
Case 100	10	51,544,143	51,592,523	2	0	2	1
Case 100	10	51,592,586	60,928,800	1	1	2	0
Case 100	10	60,929,485	61,064,655	2	1	3	0
Case 100	10	61,067,088	61,287,001	4	1	5	0
Case 100	10	61,294,973	62,105,053	3	1	4	0
Case 100	10	62,136,206	63,166,773	4	1	5	0
Case 100	10	63,167,132	66,483,216	3	1	4	0
Case 100	10	66,484,138	68,721,071	2	1	3	0
Case 100	10	68,722,086	69,609,540	3	0	3	1
Case 100	10	69,622,535	69,727,722	2	1	3	0
Case 100	10	69,729,895	71,175,609	1	1	2	0
Case 100	10	71,175,781	71,357,954	2	1	3	0
Case 100	10	71,360,884	71,547,724	1	1	2	0
Case 100	10	71,549,168	71,739,556	2	1	3	0
Case 100	10	71,740,691	71,876,382	1	1	2	0
Case 100	10	71,876,390	71,921,643	2	1	3	0
Case 100	10	71,922,900	71,992,518	1	1	2	0
Case 100	10	72,004,454	72,192,832	2	1	3	0
Case 100	10	72,193,854	72,537,086	1	1	2	0
Case 100	10	72,537,873	72,654,600	2	1	3	0
Case 100	10	72,655,450	72,756,178	2	2	4	0
Case 100	10	72,757,521	73,129,458	2	1	3	0
Case 100	10	73,135,919	73,295,121	1	1	2	0
Case 100	10	73,295,341	73,826,785	2	1	3	0
Case 100	10	73,826,849	75,135,945	1	1	2	0
Case 100	10	75,135,964	75,407,141	2	1	3	0
Case 100	10	75,407,176	75,521,251	1	1	2	0
Case 100	10	75,523,634	75,708,906	2	1	3	0
Case 100	10	75,727,098	77,683,563	1	1	2	0
Case 100	10	77,687,528	77,915,310	2	1	3	0
Case 100	10	77,915,582	78,644,260	1	1	2	0
Case 100	10	78,645,453	79,166,345	2	1	3	0
Case 100	10	79,167,461	79,551,640	1	1	2	0
Case 100	10	79,552,206	79,937,796	2	1	3	0
Case 100	10	79,937,988	80,238,142	2	2	4	0
Case 100	10	80,241,441	80,527,255	2	1	3	0

Case 100	10	80,529,202	80,852,602	2	2	4	0
Case 100	10	80,853,407	80,854,255	2	1	3	0
Case 100	10	80,854,413	80,955,507	1	1	2	0
Case 100	10	80,957,694	81,198,038	2	1	3	0
Case 100	10	81,208,964	82,369,219	1	1	2	0
Case 100	10	82,369,226	82,405,083	2	1	3	0
Case 100	10	82,405,254	87,300,044	1	1	2	0
Case 100	10	87,300,091	87,734,387	2	1	3	0
Case 100	10	87,736,238	99,150,277	1	1	2	0
Case 100	10	99,150,567	99,220,454	2	1	3	0
Case 100	10	99,220,707	99,635,324	1	1	2	0
Case 100	10	99,635,777	100,003,875	2	1	3	0
Case 100	10	100,008,436	100,080,631	1	1	2	0
Case 100	10	100,081,443	100,241,204	2	1	3	0
Case 100	10	100,242,039	101,578,952	1	1	2	0
Case 100	10	101,587,569	101,645,498	2	1	3	0
Case 100	10	101,646,205	101,826,686	1	1	2	0
Case 100	10	101,829,514	102,013,179	2	0	2	1
Case 100	10	102,016,044	102,057,262	3	0	3	1
Case 100	10	102,057,362	102,062,074	2	0	2	1
Case 100	10	102,063,560	102,364,004	1	1	2	0
Case 100	10	102,368,159	102,668,856	2	1	3	0
Case 100	10	102,671,965	105,795,288	1	1	2	0
Case 100	10	105,797,378	105,815,609	2	1	3	0
Case 100	10	105,815,646	105,906,045	1	1	2	0
Case 100	10	105,906,086	105,974,122	2	1	3	0
Case 100	10	105,983,609	106,377,705	1	1	2	0
Case 100	10	106,384,631	106,571,525	2	1	3	0
Case 100	10	106,578,005	109,519,015	1	1	2	0
Case 100	10	109,519,074	118,401,721	2	1	3	0
Case 100	10	118,402,207	118,444,339	3	0	3	1
Case 100	10	118,448,078	121,274,163	2	1	3	0
Case 100	10	121,275,903	121,394,687	1	1	2	0
Case 100	10	121,397,276	122,521,706	2	1	3	0
Case 100	10	122,526,305	122,573,258	3	0	3	1
Case 100	10	122,578,338	123,845,322	2	1	3	0
Case 100	10	123,845,389	123,853,004	2	0	2	1
Case 100	10	123,855,878	125,261,923	3	0	3	1
Case 100	10	125,262,764	134,979,963	2	1	3	0
Case 100	10	134,980,891	135,015,202	1	1	2	0
Case 100	10	135,023,586	135,060,864	2	1	3	0
Case 100	10	135,061,804	135,099,053	1	1	2	0
Case 100	10	135,102,440	135,477,883	2	1	3	0
Case 100	11	193,146	1,015,021	3	0	3	1
Case 100	11	1,015,786	1,019,413	5	0	5	1
Case 100	11	1,020,722	44,993,507	3	0	3	1
Case 100	11	44,994,060	45,001,728	2	2	4	0
Case 100	11	45,009,133	45,832,716	4	2	6	0
Case 100	11	45,832,845	48,747,611	3	2	5	0
Case 100	11	48,754,534	50,170,337	3	1	4	0
Case 100	11	50,179,838	50,566,719	2	1	3	0
Case 100	11	50,629,850	51,479,648	3	0	3	1
Case 100	11	51,481,576	51,591,253	2	1	3	0
Case 100	11	54,794,237	55,091,574	2	1	3	0
Case 100	11	55,109,244	64,557,051	3	1	4	0
Case 100	11	64,557,054	64,678,098	2	1	3	0
Case 100	11	64,678,109	65,385,138	3	1	4	0
Case 100	11	65,385,456	65,420,760	2	1	3	0
Case 100	11	65,421,117	66,359,781	3	1	4	0
Case 100	11	66,359,958	67,283,275	2	1	3	0
Case 100	11	67,286,075	72,946,190	3	1	4	0

Case 100	11	72,946,204	73,106,283	2	1	3	0
Case 100	11	73,106,294	89,405,190	3	1	4	0
Case 100	11	89,413,795	95,621,376	2	1	3	0
Case 100	11	95,634,278	99,722,295	2	2	4	0
Case 100	11	99,726,369	100,793,518	2	0	2	1
Case 100	11	100,793,689	104,896,114	2	2	4	0
Case 100	11	104,897,049	104,955,489	2	1	3	0
Case 100	11	104,958,571	108,106,443	2	2	4	0
Case 100	11	108,114,727	108,219,339	2	1	3	0
Case 100	11	108,225,661	114,952,843	2	2	4	0
Case 100	11	114,958,994	116,707,684	2	1	3	0
Case 100	11	116,707,736	117,201,682	3	0	3	1
Case 100	11	117,213,189	124,094,783	2	1	3	0
Case 100	11	124,095,414	126,837,505	2	2	4	0
Case 100	11	126,841,619	127,065,614	3	0	3	1
Case 100	11	127,069,182	128,602,827	2	0	2	1
Case 100	11	128,604,010	128,727,063	3	0	3	1
Case 100	11	128,729,845	129,616,272	2	2	4	0
Case 100	11	129,618,046	130,909,809	2	0	2	1
Case 100	11	130,910,718	131,291,728	3	0	3	1
Case 100	11	131,294,432	131,971,074	2	0	2	1
Case 100	11	131,975,551	132,325,814	3	0	3	1
Case 100	11	132,327,660	133,320,225	2	0	2	1
Case 100	11	133,320,967	133,787,549	3	0	3	1
Case 100	11	133,788,992	134,411,809	2	0	2	1
Case 100	11	134,411,914	134,934,063	3	0	3	1
Case 100	12	191,619	644,337	5	0	5	1
Case 100	12	644,394	1,216,632	4	0	4	1
Case 100	12	1,219,440	7,735,319	5	0	5	1
Case 100	12	7,756,706	9,256,972	4	0	4	1
Case 100	12	9,258,834	31,145,726	5	0	5	1
Case 100	12	31,146,534	33,085,304	4	0	4	1
Case 100	12	33,089,955	34,160,187	5	0	5	1
Case 100	12	34,161,084	34,853,011	4	0	4	1
Case 100	12	37,876,400	38,801,746	4	0	4	1
Case 100	12	38,802,811	42,118,642	5	0	5	1
Case 100	12	42,119,127	49,355,036	4	0	4	1
Case 100	12	49,355,292	49,434,252	3	0	3	1
Case 100	12	49,434,417	53,452,217	4	0	4	1
Case 100	12	53,452,510	53,454,938	3	0	3	1
Case 100	12	53,455,228	56,029,584	4	0	4	1
Case 100	12	56,030,092	56,221,528	3	0	3	1
Case 100	12	56,221,752	71,548,890	4	0	4	1
Case 100	12	71,551,461	73,669,855	3	0	3	1
Case 100	12	73,670,532	76,424,615	3	1	4	0
Case 100	12	76,424,644	77,142,817	2	1	3	0
Case 100	12	77,144,338	112,130,674	3	1	4	0
Case 100	12	112,131,698	112,794,714	2	1	3	0
Case 100	12	112,812,282	120,369,049	3	1	4	0
Case 100	12	120,377,392	120,608,031	3	0	3	1
Case 100	12	120,609,325	121,416,828	3	1	4	0
Case 100	12	121,416,864	121,419,056	3	0	3	1
Case 100	12	121,420,260	121,471,363	2	1	3	0
Case 100	12	121,476,124	122,720,455	3	1	4	0
Case 100	12	122,723,570	123,112,806	3	0	3	1
Case 100	12	123,124,702	123,339,487	3	1	4	0
Case 100	12	123,339,496	123,480,054	2	1	3	0
Case 100	12	123,481,019	124,097,824	3	1	4	0
Case 100	12	124,098,780	124,228,362	3	0	3	1
Case 100	12	124,228,816	128,315,329	3	1	4	0
Case 100	12	128,316,195	129,235,566	4	0	4	1

Case 100	12	129,237,770	129,293,372	3	0	3	1
Case 100	12	129,294,881	132,679,063	3	1	4	0
Case 100	12	132,681,748	132,685,240	3	0	3	1
Case 100	12	132,685,837	133,810,935	4	0	4	1
Case 100	13	19,058,717	19,631,157	3	0	3	1
Case 100	13	19,634,794	21,728,755	2	1	3	0
Case 100	13	21,728,945	21,746,637	4	1	5	0
Case 100	13	21,747,051	24,268,533	2	1	3	0
Case 100	13	24,269,820	24,476,073	3	0	3	1
Case 100	13	24,480,775	25,292,270	2	1	3	0
Case 100	13	25,296,819	25,573,308	3	0	3	1
Case 100	13	25,573,633	28,691,097	2	1	3	0
Case 100	13	28,704,081	28,862,066	1	1	2	0
Case 100	13	28,866,586	32,785,818	2	1	3	0
Case 100	13	32,789,242	33,479,754	3	0	3	1
Case 100	13	33,479,823	43,469,222	2	1	3	0
Case 100	13	43,471,403	43,773,176	3	1	4	0
Case 100	13	43,773,499	55,958,772	2	1	3	0
Case 100	13	55,968,185	57,353,552	3	0	3	1
Case 100	13	57,353,820	70,248,289	2	1	3	0
Case 100	13	70,248,590	70,397,216	3	0	3	1
Case 100	13	70,399,003	79,658,926	2	1	3	0
Case 100	13	79,662,726	94,589,117	3	1	4	0
Case 100	13	94,598,974	94,598,974	2	1	3	0
Case 100	13	94,612,361	94,809,726	1	1	2	0
Case 100	13	94,812,010	109,016,132	3	1	4	0
Case 100	13	109,018,983	109,051,894	3	0	3	1
Case 100	13	109,057,109	115,103,529	4	0	4	1
Case 100	14	19,280,733	22,349,233	3	0	3	1
Case 100	14	22,349,495	22,978,775	4	0	4	1
Case 100	14	22,979,348	24,657,226	3	0	3	1
Case 100	14	24,657,407	24,718,357	4	0	4	1
Case 100	14	24,718,515	50,100,886	3	0	3	1
Case 100	14	50,101,682	50,154,887	2	0	2	1
Case 100	14	50,158,183	70,337,050	3	0	3	1
Case 100	14	70,339,755	70,756,638	4	0	4	1
Case 100	14	70,757,779	88,349,471	3	0	3	1
Case 100	14	88,355,122	88,614,541	4	0	4	1
Case 100	14	88,618,902	94,623,337	3	0	3	1
Case 100	14	94,623,535	95,014,327	4	0	4	1
Case 100	14	95,015,544	95,434,430	3	0	3	1
Case 100	14	95,439,228	95,847,417	4	0	4	1
Case 100	14	95,847,622	99,352,143	3	0	3	1
Case 100	14	99,352,576	100,422,683	4	0	4	1
Case 100	14	100,422,842	100,820,880	3	0	3	1
Case 100	14	100,820,980	101,200,514	4	0	4	1
Case 100	14	101,200,645	104,653,844	3	0	3	1
Case 100	14	104,656,659	105,052,819	4	0	4	1
Case 100	14	105,052,820	105,397,239	3	0	3	1
Case 100	14	105,398,143	105,609,043	4	0	4	1
Case 100	14	105,609,046	107,287,663	3	0	3	1
Case 100	15	20,034,919	26,922,278	2	1	3	0
Case 100	15	26,923,648	27,391,724	1	1	2	0
Case 100	15	27,393,731	27,532,716	2	1	3	0
Case 100	15	27,539,309	27,693,841	1	1	2	0
Case 100	15	27,694,075	29,838,096	2	1	3	0
Case 100	15	29,842,521	30,304,640	1	1	2	0
Case 100	15	30,307,205	31,233,935	2	0	2	1
Case 100	15	31,234,008	31,359,348	3	0	3	1
Case 100	15	31,359,377	31,369,123	2	1	3	0
Case 100	15	31,369,498	31,439,804	1	1	2	0



Case 100	15	31,440,697	31,533,464	2	1	3	0
Case 100	15	31,534,087	31,791,836	1	1	2	0
Case 100	15	31,793,930	33,294,217	2	1	3	0
Case 100	15	33,298,235	33,347,933	1	1	2	0
Case 100	15	33,350,534	33,391,524	2	1	3	0
Case 100	15	33,391,788	33,502,980	1	1	2	0
Case 100	15	33,503,621	33,974,031	2	1	3	0
Case 100	15	33,974,316	34,356,485	3	0	3	1
Case 100	15	34,358,325	34,405,112	2	0	2	1
Case 100	15	34,406,851	34,800,595	1	1	2	0
Case 100	15	34,871,296	35,006,073	2	1	3	0
Case 100	15	35,006,322	35,997,564	1	1	2	0
Case 100	15	36,003,865	37,581,276	2	1	3	0
Case 100	15	37,588,952	37,898,753	1	1	2	0
Case 100	15	37,899,592	37,969,379	2	1	3	0
Case 100	15	37,973,905	38,118,653	1	1	2	0
Case 100	15	38,118,873	42,144,039	2	1	3	0
Case 100	15	42,144,400	42,178,519	1	1	2	0
Case 100	15	42,179,424	55,210,705	2	1	3	0
Case 100	15	55,226,219	56,207,889	1	1	2	0
Case 100	15	56,207,906	56,388,173	2	1	3	0
Case 100	15	56,388,298	56,987,023	1	1	2	0
Case 100	15	56,990,983	57,391,298	2	1	3	0
Case 100	15	57,391,541	57,603,369	1	1	2	0
Case 100	15	57,608,311	59,140,329	2	1	3	0
Case 100	15	59,144,018	59,458,663	1	1	2	0
Case 100	15	59,464,117	59,467,146	2	1	3	0
Case 100	15	59,476,088	59,515,767	3	0	3	1
Case 100	15	59,516,391	60,220,932	2	1	3	0
Case 100	15	60,221,244	60,320,396	1	1	2	0
Case 100	15	60,334,184	62,121,608	2	1	3	0
Case 100	15	62,122,798	62,359,876	1	1	2	0
Case 100	15	62,360,042	63,846,508	2	1	3	0
Case 100	15	63,856,553	64,200,682	1	1	2	0
Case 100	15	64,200,766	65,226,343	2	1	3	0
Case 100	15	65,226,376	65,489,523	1	1	2	0
Case 100	15	65,489,589	65,622,077	2	1	3	0
Case 100	15	65,622,889	65,682,635	1	1	2	0
Case 100	15	65,684,513	66,627,677	2	1	3	0
Case 100	15	66,629,354	66,760,342	1	1	2	0
Case 100	15	66,769,184	67,078,484	2	1	3	0
Case 100	15	67,081,843	67,152,143	1	1	2	0
Case 100	15	67,154,184	67,664,707	2	1	3	0
Case 100	15	67,664,900	68,245,488	1	1	2	0
Case 100	15	68,247,171	72,095,711	2	1	3	0
Case 100	15	72,097,461	72,191,104	3	0	3	1
Case 100	15	72,191,110	72,459,382	2	0	2	1
Case 100	15	72,459,427	72,987,530	3	0	3	1
Case 100	15	72,996,036	75,183,935	2	1	3	0
Case 100	15	75,184,084	76,304,503	1	1	2	0
Case 100	15	76,313,121	76,696,901	2	1	3	0
Case 100	15	76,696,914	77,368,682	1	1	2	0
Case 100	15	77,377,654	78,981,001	2	1	3	0
Case 100	15	78,985,342	79,105,350	3	0	3	1
Case 100	15	79,111,093	80,013,532	2	1	3	0
Case 100	15	80,013,872	80,164,053	1	1	2	0
Case 100	15	80,165,368	89,163,457	2	1	3	0
Case 100	15	89,166,761	89,238,255	1	1	2	0
Case 100	15	89,249,139	90,126,121	2	1	3	0
Case 100	15	90,126,164	90,138,192	1	1	2	0
Case 100	15	90,138,670	90,174,824	2	1	3	0

Case 100	15	90,174,827	90,196,113	1	1	2	0
Case 100	15	90,208,219	90,600,049	2	1	3	0
Case 100	15	90,610,517	90,784,919	1	1	2	0
Case 100	15	90,784,953	91,176,998	2	1	3	0
Case 100	15	91,177,093	91,475,018	1	1	2	0
Case 100	15	91,479,553	100,383,972	2	1	3	0
Case 100	15	100,385,625	100,445,280	3	0	3	1
Case 100	15	100,445,766	102,344,571	2	1	3	0
Case 100	15	102,345,993	102,461,162	3	1	4	0
Case 100	16	88,165	135,460	4	0	4	1
Case 100	16	135,523	334,749	3	0	3	1
Case 100	16	334,757	1,573,926	2	1	3	0
Case 100	16	1,574,252	1,718,068	3	1	4	0
Case 100	16	1,718,110	2,766,531	2	1	3	0
Case 100	16	2,768,702	2,817,599	3	1	4	0
Case 100	16	2,817,983	3,251,522	2	1	3	0
Case 100	16	3,253,133	3,294,255	3	1	4	0
Case 100	16	3,296,083	14,760,734	2	1	3	0
Case 100	16	14,761,632	16,363,239	2	2	4	0
Case 100	16	16,633,361	20,430,663	2	1	3	0
Case 100	16	20,432,605	20,552,075	3	1	4	0
Case 100	16	20,558,441	20,563,528	2	1	3	0
Case 100	16	20,564,300	21,031,053	3	0	3	1
Case 100	16	21,033,398	31,660,427	2	1	3	0
Case 100	16	31,664,747	33,557,021	3	0	3	1
Case 100	16	33,836,510	35,285,582	2	0	2	1
Case 100	16	46,450,037	47,536,914	2	0	2	1
Case 100	16	47,536,987	48,079,134	1	1	2	0
Case 100	16	48,081,896	48,231,954	2	1	3	0
Case 100	16	48,232,065	49,540,235	1	1	2	0
Case 100	16	49,541,928	49,688,918	2	1	3	0
Case 100	16	49,691,925	51,128,532	1	1	2	0
Case 100	16	51,130,133	51,194,301	2	1	3	0
Case 100	16	51,195,400	55,509,900	1	1	2	0
Case 100	16	55,511,537	55,533,270	2	1	3	0
Case 100	16	55,536,622	57,912,679	1	1	2	0
Case 100	16	57,915,124	57,953,314	2	1	3	0
Case 100	16	57,953,715	65,647,119	1	1	2	0
Case 100	16	65,652,630	65,865,946	2	1	3	0
Case 100	16	65,868,244	66,117,549	1	1	2	0
Case 100	16	66,122,316	66,295,260	2	1	3	0
Case 100	16	66,296,559	67,426,869	1	1	2	0
Case 100	16	67,432,123	67,516,288	2	1	3	0
Case 100	16	67,516,562	68,248,607	1	1	2	0
Case 100	16	68,255,187	68,343,969	2	1	3	0
Case 100	16	68,344,329	70,154,486	1	1	2	0
Case 100	16	70,166,140	70,309,237	2	1	3	0
Case 100	16	70,310,438	70,833,405	1	1	2	0
Case 100	16	70,841,632	71,171,147	3	1	4	0
Case 100	16	71,174,886	71,220,668	2	1	3	0
Case 100	16	71,220,702	72,090,073	1	1	2	0
Case 100	16	72,094,118	72,170,628	2	1	3	0
Case 100	16	72,170,699	72,822,574	1	1	2	0
Case 100	16	72,822,645	72,879,660	2	1	3	0
Case 100	16	72,880,564	79,573,751	1	1	2	0
Case 100	16	79,575,023	80,013,110	2	1	3	0
Case 100	16	80,013,367	81,953,128	1	1	2	0
Case 100	16	81,953,195	82,146,629	2	1	3	0
Case 100	16	82,147,609	82,306,551	1	1	2	0
Case 100	16	82,312,278	82,445,635	2	1	3	0
Case 100	16	82,447,854	84,897,733	1	1	2	0

Case 100	16	84,900,577	84,953,351	2	1	3	0
Case 100	16	84,955,551	85,531,362	1	1	2	0
Case 100	16	85,536,550	85,728,813	2	1	3	0
Case 100	16	85,732,708	85,827,080	1	1	2	0
Case 100	16	85,827,099	86,084,358	2	1	3	0
Case 100	16	86,085,992	86,096,843	3	0	3	1
Case 100	16	86,097,959	87,678,302	1	1	2	0
Case 100	16	87,678,420	87,854,410	2	1	3	0
Case 100	16	87,856,095	87,920,275	1	1	2	0
Case 100	16	87,931,281	88,498,529	2	1	3	0
Case 100	16	88,498,884	88,633,978	1	1	2	0
Case 100	16	88,637,896	88,695,972	2	1	3	0
Case 100	16	88,696,309	88,898,407	1	1	2	0
Case 100	16	88,901,632	89,167,117	2	1	3	0
Case 100	16	89,167,358	89,624,093	3	0	3	1
Case 100	16	89,626,894	89,712,981	2	0	2	1
Case 100	16	89,712,997	89,737,463	3	0	3	1
Case 100	16	89,741,403	89,815,152	2	0	2	1
Case 100	16	89,818,491	90,072,265	3	0	3	1
Case 100	16	90,074,001	90,095,654	2	0	2	1
Case 100	16	90,095,690	90,274,695	3	0	3	1
Case 100	17	11,885	1,472,562	4	0	4	1
Case 100	17	1,474,982	1,657,653	3	0	3	1
Case 100	17	1,657,720	12,868,579	4	0	4	1
Case 100	17	12,868,593	13,191,247	3	0	3	1
Case 100	17	13,197,586	15,551,871	4	0	4	1
Case 100	17	15,554,505	16,384,063	3	0	3	1
Case 100	17	16,384,961	18,044,893	4	0	4	1
Case 100	17	18,045,068	21,087,988	3	0	3	1
Case 100	17	21,092,156	21,267,590	4	0	4	1
Case 100	17	21,268,224	22,242,355	3	0	3	1
Case 100	17	25,268,142	25,545,321	3	0	3	1
Case 100	17	25,551,682	27,882,058	4	0	4	1
Case 100	17	27,889,578	28,475,379	3	0	3	1
Case 100	17	28,476,458	73,510,694	4	0	4	1
Case 100	17	73,511,073	73,616,864	3	0	3	1
Case 100	17	73,616,920	77,172,574	4	0	4	1
Case 100	17	77,176,351	77,674,058	5	0	5	1
Case 100	17	77,686,881	81,060,040	4	0	4	1
Case 100	18	87,505	658,001	3	2	5	0
Case 100	18	658,024	694,268	2	2	4	0
Case 100	18	706,478	2,537,589	3	2	5	0
Case 100	18	2,537,639	2,890,768	2	2	4	0
Case 100	18	2,890,796	6,926,854	3	2	5	0
Case 100	18	6,928,180	7,043,335	2	2	4	0
Case 100	18	7,044,753	9,532,097	3	2	5	0
Case 100	18	9,533,855	9,542,942	2	2	4	0
Case 100	18	9,545,961	11,662,151	3	2	5	0
Case 100	18	11,663,772	12,267,156	2	2	4	0
Case 100	18	12,267,865	15,375,878	3	2	5	0
Case 100	18	18,520,354	18,737,664	3	2	5	0
Case 100	18	18,764,639	20,953,686	5	1	6	0
Case 100	18	20,953,720	21,530,055	5	0	5	1
Case 100	18	21,530,071	21,542,927	2	2	4	0
Case 100	18	21,548,258	22,805,073	4	2	6	0
Case 100	18	22,805,229	22,805,294	3	0	3	1
Case 100	18	22,805,376	23,459,792	4	1	5	0
Case 100	18	23,463,097	23,494,445	2	1	3	0
Case 100	18	23,498,988	28,858,921	1	1	2	0
Case 100	18	28,869,498	28,935,694	2	1	3	0
Case 100	18	28,936,574	28,992,822	1	1	2	0

Case 100	18	28,993,073	29,055,705	2	1	3	0
Case 100	18	29,055,957	29,122,267	1	1	2	0
Case 100	18	29,122,565	29,161,836	2	1	3	0
Case 100	18	29,167,091	29,796,406	1	1	2	0
Case 100	18	29,797,043	29,919,836	2	1	3	0
Case 100	18	29,920,430	31,316,169	1	1	2	0
Case 100	18	31,316,708	31,326,415	2	1	3	0
Case 100	18	31,327,296	32,175,025	1	1	2	0
Case 100	18	32,184,676	32,518,790	2	1	3	0
Case 100	18	32,519,272	34,122,410	1	1	2	0
Case 100	18	34,126,815	34,860,858	2	1	3	0
Case 100	18	34,868,736	34,909,342	1	1	2	0
Case 100	18	34,914,746	35,103,667	2	1	3	0
Case 100	18	35,108,346	35,221,630	1	1	2	0
Case 100	18	35,234,040	35,578,714	2	1	3	0
Case 100	18	35,584,240	35,888,264	1	1	2	0
Case 100	18	35,891,422	36,317,382	2	1	3	0
Case 100	18	36,330,396	39,039,213	1	1	2	0
Case 100	18	39,041,852	39,194,705	2	1	3	0
Case 100	18	39,198,804	39,926,578	1	1	2	0
Case 100	18	39,927,367	40,326,865	2	1	3	0
Case 100	18	40,330,297	42,530,062	1	1	2	0
Case 100	18	42,530,507	42,938,454	2	1	3	0
Case 100	18	42,941,250	43,223,105	1	1	2	0
Case 100	18	43,224,101	43,329,310	2	1	3	0
Case 100	18	43,329,719	44,026,234	1	1	2	0
Case 100	18	44,027,628	44,275,622	2	1	3	0
Case 100	18	44,278,985	44,541,614	1	1	2	0
Case 100	18	44,541,915	44,828,605	2	1	3	0
Case 100	18	44,829,782	45,074,057	1	1	2	0
Case 100	18	45,078,345	45,620,052	2	1	3	0
Case 100	18	45,621,225	45,874,561	1	1	2	0
Case 100	18	45,875,660	46,146,221	2	1	3	0
Case 100	18	46,150,975	46,276,149	1	1	2	0
Case 100	18	46,277,226	46,472,676	2	1	3	0
Case 100	18	46,474,746	47,270,975	1	1	2	0
Case 100	18	47,271,009	47,811,305	2	1	3	0
Case 100	18	47,811,374	49,853,145	1	1	2	0
Case 100	18	49,853,285	50,038,122	2	1	3	0
Case 100	18	50,039,676	51,850,518	1	1	2	0
Case 100	18	51,851,090	52,047,714	2	1	3	0
Case 100	18	52,058,435	54,248,623	1	1	2	0
Case 100	18	54,264,534	54,746,518	2	1	3	0
Case 100	18	54,747,855	54,864,346	1	1	2	0
Case 100	18	54,868,656	55,116,804	2	1	3	0
Case 100	18	55,118,992	55,838,958	1	1	2	0
Case 100	18	55,839,162	56,204,294	2	1	3	0
Case 100	18	56,204,489	56,240,030	1	1	2	0
Case 100	18	56,246,389	56,297,220	2	1	3	0
Case 100	18	56,301,610	56,966,182	1	1	2	0
Case 100	18	56,967,239	57,061,983	2	1	3	0
Case 100	18	57,062,098	58,038,332	1	1	2	0
Case 100	18	58,038,777	58,055,105	2	1	3	0
Case 100	18	58,059,544	61,176,266	1	1	2	0
Case 100	18	61,177,912	61,262,367	2	1	3	0
Case 100	18	61,264,298	61,388,143	1	1	2	0
Case 100	18	61,389,943	61,418,880	2	1	3	0
Case 100	18	61,425,379	72,090,089	1	1	2	0
Case 100	18	72,096,152	73,773,096	2	1	3	0
Case 100	18	73,775,477	74,028,404	1	1	2	0
Case 100	18	74,029,649	74,153,287	2	1	3	0

Case 100	18	74,153,699	74,680,369	1	1	2	0
Case 100	18	74,681,192	74,755,155	2	1	3	0
Case 100	18	74,757,938	75,100,004	1	1	2	0
Case 100	18	75,100,282	75,215,111	2	1	3	0
Case 100	18	75,216,579	76,066,845	1	1	2	0
Case 100	18	76,077,920	76,118,216	2	0	2	1
Case 100	18	76,121,555	76,607,535	1	1	2	0
Case 100	18	76,614,804	76,637,364	2	1	3	0
Case 100	18	76,642,967	77,129,563	1	1	2	0
Case 100	18	77,133,899	78,015,180	2	1	3	0
Case 100	19	260,912	4,445,156	3	0	3	1
Case 100	19	4,445,541	4,511,601	2	0	2	1
Case 100	19	4,511,612	15,165,980	3	0	3	1
Case 100	19	15,166,067	15,198,804	4	0	4	1
Case 100	19	15,203,866	20,925,934	3	0	3	1
Case 100	19	20,942,429	21,579,718	2	0	2	1
Case 100	19	21,586,236	24,629,285	3	0	3	1
Case 100	19	27,732,159	28,028,663	3	0	3	1
Case 100	19	28,036,744	37,028,543	3	1	4	0
Case 100	19	37,034,582	37,407,214	2	1	3	0
Case 100	19	37,419,442	38,004,356	3	1	4	0
Case 100	19	38,022,358	38,271,618	3	0	3	1
Case 100	19	38,285,111	40,357,393	3	1	4	0
Case 100	19	40,357,398	40,541,514	3	0	3	1
Case 100	19	40,541,744	40,869,182	3	1	4	0
Case 100	19	40,872,764	40,978,643	3	0	3	1
Case 100	19	40,978,869	44,556,381	3	1	4	0
Case 100	19	44,562,928	44,661,139	4	0	4	1
Case 100	19	44,661,257	49,100,152	3	1	4	0
Case 100	19	49,100,153	49,188,824	3	0	3	1
Case 100	19	49,189,026	53,958,149	3	1	4	0
Case 100	19	53,958,166	53,978,691	3	0	3	1
Case 100	19	53,982,712	58,378,516	3	1	4	0
Case 100	19	58,379,892	58,464,930	3	0	3	1
Case 100	19	58,465,948	59,097,160	3	1	4	0
Case 100	20	63,244	25,193,986	3	2	5	0
Case 100	20	25,195,018	26,293,985	2	2	4	0
Case 100	20	29,425,357	29,845,559	2	2	4	0
Case 100	20	29,846,378	31,890,201	3	2	5	0
Case 100	20	31,890,752	33,589,111	2	2	4	0
Case 100	20	33,589,328	34,001,250	3	2	5	0
Case 100	20	34,010,556	35,519,475	2	2	4	0
Case 100	20	35,519,946	37,499,139	3	2	5	0
Case 100	20	37,508,515	37,796,611	2	2	4	0
Case 100	20	37,799,520	37,905,431	3	2	5	0
Case 100	20	37,906,360	39,128,578	3	3	6	0
Case 100	20	39,131,200	39,255,548	3	2	5	0
Case 100	20	39,261,054	40,029,749	2	2	4	0
Case 100	20	40,031,293	41,025,672	3	2	5	0
Case 100	20	41,025,813	41,554,681	3	3	6	0
Case 100	20	41,560,394	56,030,664	3	2	5	0
Case 100	20	56,031,962	57,023,562	3	3	6	0
Case 100	20	57,024,541	58,384,038	3	2	5	0
Case 100	20	58,384,451	58,925,972	3	3	6	0
Case 100	20	58,929,927	59,952,155	3	2	5	0
Case 100	20	59,954,382	60,427,918	3	3	6	0
Case 100	20	60,435,482	61,040,502	3	2	5	0
Case 100	20	61,040,951	62,168,604	6	0	6	1
Case 100	20	62,168,633	62,948,788	5	0	5	1
Case 100	21	10,827,533	10,971,337	3	0	3	1
Case 100	21	14,368,320	15,181,318	3	0	3	1

Case 100	21	15,207,860	15,615,220	2	0	2	1
Case 100	21	15,615,500	15,746,311	3	0	3	1
Case 100	21	15,746,350	27,652,319	2	0	2	1
Case 100	21	27,653,527	27,845,313	3	0	3	1
Case 100	21	27,845,535	30,613,466	2	0	2	1
Case 100	21	30,613,769	31,964,889	3	0	3	1
Case 100	21	31,964,897	32,250,952	2	0	2	1
Case 100	21	32,251,674	32,701,353	3	0	3	1
Case 100	21	32,703,074	33,140,026	2	0	2	1
Case 100	21	33,146,821	33,584,340	3	0	3	1
Case 100	21	33,586,111	33,949,136	2	0	2	1
Case 100	21	33,949,151	34,581,033	3	0	3	1
Case 100	21	34,581,852	35,186,357	2	0	2	1
Case 100	21	35,186,743	37,408,526	3	0	3	1
Case 100	21	37,408,530	37,872,447	2	0	2	1
Case 100	21	37,874,491	40,553,845	3	0	3	1
Case 100	21	40,555,274	40,909,706	2	0	2	1
Case 100	21	40,913,560	41,566,588	3	0	3	1
Case 100	21	41,566,809	41,667,233	2	0	2	1
Case 100	21	41,668,074	44,198,143	3	0	3	1
Case 100	21	44,200,858	44,276,387	2	0	2	1
Case 100	21	44,277,414	44,835,508	3	0	3	1
Case 100	21	44,836,747	44,840,296	2	0	2	1
Case 100	21	44,845,968	45,810,817	3	0	3	1
Case 100	21	45,811,343	45,864,012	2	0	2	1
Case 100	21	45,867,411	46,876,044	3	0	3	1
Case 100	21	46,876,045	46,960,281	2	0	2	1
Case 100	21	46,964,378	47,501,261	3	0	3	1
Case 100	21	47,501,726	47,642,626	2	0	2	1
Case 100	21	47,648,436	47,786,950	3	0	3	1
Case 100	21	47,787,002	47,957,332	2	0	2	1
Case 100	21	47,958,399	48,100,155	3	0	3	1
Case 100	22	16,114,244	27,143,245	3	0	3	1
Case 100	22	27,143,319	27,983,422	4	0	4	1
Case 100	22	27,985,660	46,616,117	3	0	3	1
Case 100	22	46,620,416	46,657,895	4	0	4	1
Case 100	22	46,658,232	47,200,891	3	0	3	1
Case 100	22	47,208,945	47,790,072	4	0	4	1
Case 100	22	47,797,442	48,720,292	3	0	3	1
Case 100	22	48,722,383	49,069,015	4	0	4	1
Case 100	22	49,069,693	49,750,715	3	0	3	1
Case 100	22	49,751,323	50,169,346	4	0	4	1
Case 100	22	50,169,762	51,065,593	3	0	3	1
Case 100	22	51,066,194	51,195,728	4	0	4	1
Case 101	1	82,154	1,005,806	1	1	2	0
Case 101	1	1,017,197	1,087,683	1	0	1	0
Case 101	1	1,089,699	121,346,616	1	1	2	0
Case 101	1	142,649,718	249,218,992	1	1	2	0
Case 101	2	18,674	92,081,640	1	1	2	0
Case 101	2	95,429,424	234,847,750	1	1	2	0
Case 101	2	234,847,790	236,212,448	1	0	1	0
Case 101	2	236,214,007	243,048,760	1	1	2	0
Case 101	3	61,495	60,008,221	1	1	2	0
Case 101	3	60,009,128	60,040,105	1	0	1	0
Case 101	3	60,047,076	60,441,079	1	1	2	0
Case 101	3	60,445,253	60,735,438	1	0	1	0
Case 101	3	60,737,133	90,442,925	1	1	2	0
Case 101	3	93,537,290	168,496,750	1	1	2	0
Case 101	3	168,520,843	168,889,604	7	0	7	1
Case 101	3	168,903,973	169,908,121	1	1	2	0
Case 101	3	169,918,311	170,417,673	7	0	7	1

Case 101	3	170,438,978	197,838,262	1	1	2	0
Case 101	4	71,566	49,620,898	1	1	2	0
Case 101	4	52,697,856	141,633,234	1	1	2	0
Case 101	4	141,637,275	141,652,922	1	0	1	0
Case 101	4	141,656,467	142,053,488	1	1	2	0
Case 101	4	142,053,625	142,074,259	1	0	1	0
Case 101	4	142,081,109	161,856,343	1	1	2	0
Case 101	4	161,861,640	161,935,342	4	0	4	1
Case 101	4	161,936,611	190,963,766	1	1	2	0
Case 101	5	38,139	4,175,312	1	1	2	0
Case 101	5	4,176,833	4,734,171	1	0	1	0
Case 101	5	4,738,222	46,399,093	1	1	2	0
Case 101	5	49,457,282	180,693,127	1	1	2	0
Case 101	6	108,666	58,752,089	1	1	2	0
Case 101	6	61,891,118	137,101,726	1	1	2	0
Case 101	6	137,108,757	151,617,378	1	0	1	0
Case 101	6	151,618,235	151,674,270	2	0	2	1
Case 101	6	151,674,326	170,980,171	1	0	1	0
Case 101	7	44,935	58,019,061	2	0	2	1
Case 101	7	61,056,053	149,503,088	2	0	2	1
Case 101	7	149,503,094	149,522,165	1	0	1	0
Case 101	7	149,522,366	153,992,610	2	0	2	1
Case 101	7	154,001,207	154,462,071	1	0	1	0
Case 101	7	154,466,191	159,119,486	2	0	2	1
Case 101	8	164,984	43,791,691	2	1	3	0
Case 101	8	46,886,735	48,697,675	2	1	3	0
Case 101	8	48,697,705	59,058,842	3	1	4	0
Case 101	8	59,059,166	59,244,395	3	0	3	1
Case 101	8	59,249,026	60,600,281	4	1	5	0
Case 101	8	60,604,193	60,649,504	2	1	3	0
Case 101	8	60,656,194	113,647,451	3	1	4	0
Case 101	8	113,649,078	113,662,524	3	0	3	1
Case 101	8	113,662,583	114,417,130	4	1	5	0
Case 101	8	114,440,178	114,676,890	2	1	3	0
Case 101	8	114,677,121	144,801,681	3	1	4	0
Case 101	8	144,802,456	145,746,384	3	0	3	1
Case 101	8	145,746,552	146,293,414	3	1	4	0
Case 101	9	46,587	224,227	1	0	1	0
Case 101	9	227,980	9,263,980	1	1	2	0
Case 101	9	9,264,439	9,530,755	1	0	1	0
Case 101	9	9,533,062	46,944,322	1	1	2	0
Case 101	9	65,629,772	140,173,637	1	1	2	0
Case 101	9	140,174,272	140,267,982	1	0	1	0
Case 101	9	140,268,976	141,066,491	1	1	2	0
Case 101	10	98,087	39,097,912	1	1	2	0
Case 101	10	42,436,301	135,477,883	1	1	2	0
Case 101	11	193,146	50,332,064	1	1	2	0
Case 101	11	50,345,390	51,095,992	1	0	1	0
Case 101	11	51,160,828	51,591,253	3	1	4	0
Case 101	11	54,794,237	55,027,673	1	0	1	0
Case 101	11	55,028,549	134,934,063	1	1	2	0
Case 101	12	191,619	34,853,011	1	1	2	0
Case 101	12	37,876,400	133,810,935	1	1	2	0
Case 101	13	19,058,717	115,103,529	2	1	3	0
Case 101	14	19,280,733	20,404,614	2	0	2	1
Case 101	14	20,404,671	47,169,434	1	1	2	0
Case 101	14	47,173,911	75,506,621	1	0	1	0
Case 101	14	75,506,696	75,545,685	1	1	2	0
Case 101	14	75,546,230	82,489,254	1	0	1	0
Case 101	14	82,505,045	107,287,663	1	1	2	0
Case 101	15	20,034,919	102,461,162	1	1	2	0

Case 101	16	88,165	35,285,582	1	1	2	0
Case 101	16	46,450,037	90,274,695	1	1	2	0
Case 101	17	11,885	649,232	1	0	1	0
Case 101	17	649,239	727,132	2	0	2	1
Case 101	17	728,030	7,320,870	1	0	1	0
Case 101	17	7,321,858	7,445,372	2	0	2	1
Case 101	17	7,448,198	22,242,355	1	0	1	0
Case 101	17	25,268,142	25,350,029	1	0	1	0
Case 101	17	25,366,428	26,676,183	3	1	4	0
Case 101	17	26,680,014	27,308,971	2	1	3	0
Case 101	17	27,309,034	27,395,890	3	1	4	0
Case 101	17	27,400,983	28,120,918	3	0	3	1
Case 101	17	28,130,784	28,296,169	4	1	5	0
Case 101	17	28,296,327	29,086,657	2	1	3	0
Case 101	17	29,107,708	29,619,880	3	1	4	0
Case 101	17	29,622,128	29,685,632	1	0	1	0
Case 101	17	29,697,251	29,936,995	3	1	4	0
Case 101	17	29,939,376	30,216,366	3	0	3	1
Case 101	17	30,216,384	30,331,751	3	1	4	0
Case 101	17	30,343,146	30,468,566	1	0	1	0
Case 101	17	30,475,431	30,497,949	1	1	2	0
Case 101	17	30,511,274	30,752,964	7	0	7	1
Case 101	17	30,782,356	30,821,833	1	1	2	0
Case 101	17	30,827,688	30,841,962	7	0	7	1
Case 101	17	30,858,969	30,861,865	1	1	2	0
Case 101	17	30,863,752	31,491,507	1	0	1	0
Case 101	17	31,491,925	31,501,913	1	1	2	0
Case 101	17	31,503,995	31,539,581	7	0	7	1
Case 101	17	31,552,697	31,552,697	1	1	2	0
Case 101	17	31,565,033	32,639,361	1	0	1	0
Case 101	17	32,639,369	32,641,930	2	1	3	0
Case 101	17	32,643,849	32,675,472	4	1	5	0
Case 101	17	32,677,709	32,701,463	1	0	1	0
Case 101	17	32,705,679	32,714,558	3	1	4	0
Case 101	17	32,717,213	35,831,222	1	0	1	0
Case 101	17	35,836,990	37,047,658	1	1	2	0
Case 101	17	37,049,116	37,049,116	1	0	1	0
Case 101	17	37,052,131	37,052,131	4	1	5	0
Case 101	17	37,054,772	37,815,305	2	1	3	0
Case 101	17	37,816,461	37,892,370	6	1	7	0
Case 101	17	37,894,463	37,894,463	1	0	1	0
Case 101	17	37,898,705	38,040,763	3	1	4	0
Case 101	17	38,049,233	38,173,123	3	0	3	1
Case 101	17	38,173,143	38,257,090	3	1	4	0
Case 101	17	38,264,197	38,282,536	1	0	1	0
Case 101	17	38,283,199	39,296,135	1	1	2	0
Case 101	17	39,304,357	43,928,667	1	0	1	0
Case 101	17	43,929,696	44,248,903	2	0	2	1
Case 101	17	44,249,033	48,208,455	1	0	1	0
Case 101	17	48,214,134	48,257,099	1	1	2	0
Case 101	17	48,260,630	57,786,853	1	0	1	0
Case 101	17	57,800,358	58,523,761	3	1	4	0
Case 101	17	58,525,018	59,154,018	3	0	3	1
Case 101	17	59,158,243	59,885,856	3	1	4	0
Case 101	17	59,885,956	60,225,452	1	1	2	0
Case 101	17	60,227,004	61,869,806	1	0	1	0
Case 101	17	61,875,398	61,902,667	1	1	2	0
Case 101	17	61,902,772	62,476,451	1	0	1	0
Case 101	17	62,479,069	62,582,265	1	1	2	0
Case 101	17	62,583,599	65,182,445	1	0	1	0
Case 101	17	65,185,800	66,678,300	3	1	4	0



Case 101	17	66,683,179	66,881,456	1	0	1	0
Case 101	17	66,883,204	66,891,131	3	1	4	0
Case 101	17	66,898,257	70,432,577	1	0	1	0
Case 101	17	70,434,208	70,645,012	2	0	2	1
Case 101	17	70,645,032	79,450,600	1	0	1	0
Case 101	17	79,459,399	81,060,040	2	0	2	1
Case 101	18	87,505	15,375,878	1	1	2	0
Case 101	18	18,520,354	66,744,308	1	1	2	0
Case 101	18	66,747,568	66,758,232	1	0	1	0
Case 101	18	66,758,828	78,015,180	1	1	2	0
Case 101	19	260,912	24,629,285	1	1	2	0
Case 101	19	27,732,159	59,097,160	1	1	2	0
Case 101	20	63,244	26,293,985	2	1	3	0
Case 101	20	29,425,357	62,948,788	2	1	3	0
Case 101	21	10,827,533	10,971,337	1	1	2	0
Case 101	21	14,368,320	48,100,155	1	1	2	0
Case 101	22	16,114,244	51,195,728	1	1	2	0
Case 103	1	82,154	120,381,919	3	0	3	1
Case 103	1	120,384,066	121,346,616	4	0	4	1
Case 103	1	142,649,718	152,184,950	4	0	4	1
Case 103	1	152,185,628	152,329,055	3	0	3	1
Case 103	1	152,329,256	227,819,514	4	0	4	1
Case 103	1	227,821,255	228,566,387	3	0	3	1
Case 103	1	228,568,159	249,218,992	4	0	4	1
Case 103	2	18,674	92,081,640	2	1	3	0
Case 103	2	95,429,424	205,631,567	2	1	3	0
Case 103	2	205,636,870	206,185,567	2	0	2	1
Case 103	2	206,188,122	243,048,760	2	1	3	0
Case 103	3	61,495	3,960,052	2	1	3	0
Case 103	3	3,965,271	4,035,443	0	0	0	0
Case 103	3	4,041,589	60,306,891	2	1	3	0
Case 103	3	60,310,376	60,445,253	1	0	1	0
Case 103	3	60,447,369	90,442,925	2	1	3	0
Case 103	3	93,537,290	122,287,808	2	1	3	0
Case 103	3	122,288,145	122,640,541	3	0	3	1
Case 103	3	122,640,948	197,838,262	2	1	3	0
Case 103	4	71,566	49,620,898	1	1	2	0
Case 103	4	52,697,856	91,831,513	1	1	2	0
Case 103	4	91,847,796	91,957,343	1	0	1	0
Case 103	4	91,959,750	92,357,499	1	1	2	0
Case 103	4	92,358,383	92,803,775	2	1	3	0
Case 103	4	92,816,815	177,974,062	1	1	2	0
Case 103	4	177,974,857	178,776,502	1	0	1	0
Case 103	4	178,791,367	190,763,591	1	1	2	0
Case 103	4	190,764,527	190,963,766	3	0	3	1
Case 103	5	38,139	730,271	3	1	4	0
Case 103	5	788,646	850,518	1	1	2	0
Case 103	5	850,668	46,399,093	3	1	4	0
Case 103	5	49,457,282	139,909,036	1	1	2	0
Case 103	5	139,909,066	139,931,384	2	1	3	0
Case 103	5	139,931,607	139,936,823	0	0	0	0
Case 103	5	139,936,825	139,987,897	2	1	3	0
Case 103	5	140,005,110	140,563,377	1	1	2	0
Case 103	5	140,566,244	140,857,798	2	1	3	0
Case 103	5	140,857,866	180,693,127	1	1	2	0
Case 103	6	108,666	30,736,151	2	1	3	0
Case 103	6	30,736,541	30,900,150	3	0	3	1
Case 103	6	30,900,234	30,994,470	2	1	3	0
Case 103	6	30,994,635	31,318,144	3	0	3	1
Case 103	6	31,318,177	31,337,633	2	1	3	0
Case 103	6	31,338,528	31,341,357	0	0	0	0

Case 103	6	31,342,484	46,786,183	2	1	3	0
Case 103	6	46,787,394	47,591,922	3	0	3	1
Case 103	6	47,594,002	58,752,089	2	1	3	0
Case 103	6	61,891,118	161,111,113	2	1	3	0
Case 103	6	161,115,245	161,348,069	3	0	3	1
Case 103	6	161,349,326	162,914,986	2	1	3	0
Case 103	6	162,917,942	163,007,394	1	0	1	0
Case 103	6	163,023,054	170,980,171	2	1	3	0
Case 103	7	44,935	6,901,445	3	1	4	0
Case 103	7	6,929,662	13,731,213	4	1	5	0
Case 103	7	13,731,897	14,504,188	3	1	4	0
Case 103	7	14,505,694	26,954,746	4	1	5	0
Case 103	7	27,026,872	28,319,962	3	1	4	0
Case 103	7	28,320,034	30,691,986	4	1	5	0
Case 103	7	30,693,081	31,137,003	3	1	4	0
Case 103	7	31,141,418	32,044,612	4	1	5	0
Case 103	7	32,048,171	32,496,930	3	1	4	0
Case 103	7	32,497,039	34,887,018	4	1	5	0
Case 103	7	34,887,170	36,463,470	3	1	4	0
Case 103	7	36,463,504	41,042,665	4	1	5	0
Case 103	7	41,046,432	45,932,600	3	1	4	0
Case 103	7	45,932,640	47,296,495	4	1	5	0
Case 103	7	47,305,969	50,664,922	3	1	4	0
Case 103	7	50,666,033	53,015,990	4	1	5	0
Case 103	7	53,016,462	53,661,764	3	1	4	0
Case 103	7	53,662,131	56,067,016	4	1	5	0
Case 103	7	56,068,980	58,019,061	3	1	4	0
Case 103	7	61,056,053	65,617,971	3	1	4	0
Case 103	7	65,618,674	71,021,037	4	1	5	0
Case 103	7	71,021,468	76,198,932	3	1	4	0
Case 103	7	76,209,459	82,579,610	4	1	5	0
Case 103	7	82,579,933	82,939,626	3	1	4	0
Case 103	7	82,941,408	93,550,447	4	1	5	0
Case 103	7	93,551,428	94,055,095	3	1	4	0
Case 103	7	94,056,006	97,691,889	4	1	5	0
Case 103	7	97,699,292	102,470,275	3	1	4	0
Case 103	7	102,471,345	126,748,248	4	1	5	0
Case 103	7	126,748,966	129,598,336	3	1	4	0
Case 103	7	129,603,129	131,527,098	4	1	5	0
Case 103	7	131,529,852	135,873,681	3	1	4	0
Case 103	7	135,874,514	138,382,677	4	1	5	0
Case 103	7	138,383,537	144,183,744	3	1	4	0
Case 103	7	144,184,387	147,879,557	4	1	5	0
Case 103	7	147,881,158	150,103,137	3	1	4	0
Case 103	7	150,115,183	150,623,137	4	1	5	0
Case 103	7	150,634,448	151,575,404	3	1	4	0
Case 103	7	151,576,111	154,959,808	4	1	5	0
Case 103	7	154,964,394	159,119,486	3	1	4	0
Case 103	8	164,984	21,955,043	2	2	4	0
Case 103	8	21,955,598	22,137,071	2	1	3	0
Case 103	8	22,137,086	43,791,691	2	2	4	0
Case 103	8	46,886,735	47,068,342	2	2	4	0
Case 103	8	47,075,668	48,236,907	2	1	3	0
Case 103	8	48,240,805	142,200,731	2	2	4	0
Case 103	8	142,201,477	142,490,120	2	1	3	0
Case 103	8	142,490,166	144,387,485	2	2	4	0
Case 103	8	144,387,833	145,758,661	2	1	3	0
Case 103	8	145,761,188	146,293,414	2	2	4	0
Case 103	9	46,587	8,982,620	2	1	3	0
Case 103	9	8,984,469	9,328,048	1	1	2	0
Case 103	9	9,337,454	9,417,343	1	0	1	0

Case 103	9	9,417,430	46,944,322	2	1	3	0
Case 103	9	65,629,772	140,000,649	2	1	3	0
Case 103	9	140,000,751	140,248,802	1	1	2	0
Case 103	9	140,249,041	141,066,491	2	1	3	0
Case 103	10	98,087	39,097,912	1	1	2	0
Case 103	10	42,436,301	42,509,794	1	1	2	0
Case 103	10	42,682,133	43,019,233	3	1	4	0
Case 103	10	43,027,839	70,332,862	1	1	2	0
Case 103	10	70,332,865	70,741,323	2	1	3	0
Case 103	10	70,742,398	129,899,938	1	1	2	0
Case 103	10	129,900,858	129,961,901	2	1	3	0
Case 103	10	129,962,286	135,252,347	1	1	2	0
Case 103	10	135,256,762	135,477,883	3	1	4	0
Case 103	11	193,146	892,760	2	0	2	1
Case 103	11	898,155	1,025,358	2	1	3	0
Case 103	11	1,025,843	51,591,253	2	0	2	1
Case 103	11	54,794,237	59,132,598	2	0	2	1
Case 103	11	59,132,671	60,215,206	3	0	3	1
Case 103	11	60,220,947	62,284,797	2	0	2	1
Case 103	11	62,284,845	62,300,502	2	1	3	0
Case 103	11	62,300,591	66,359,489	2	0	2	1
Case 103	11	66,359,781	69,512,978	5	1	6	0
Case 103	11	69,513,338	69,544,508	2	0	2	1
Case 103	11	69,549,801	70,253,475	5	1	6	0
Case 103	11	70,257,669	134,934,063	2	0	2	1
Case 103	12	191,619	33,278,996	2	1	3	0
Case 103	12	33,284,446	34,853,011	3	0	3	1
Case 103	12	37,876,400	39,529,362	3	0	3	1
Case 103	12	39,531,466	133,810,935	2	1	3	0
Case 103	13	19,058,717	115,103,529	2	1	3	0
Case 103	14	19,280,733	21,337,266	2	2	4	0
Case 103	14	21,338,459	21,463,040	2	1	3	0
Case 103	14	21,463,041	24,120,270	2	2	4	0
Case 103	14	24,122,667	24,940,641	3	0	3	1
Case 103	14	24,941,969	25,102,160	2	1	3	0
Case 103	14	25,103,409	73,577,801	2	2	4	0
Case 103	14	73,581,011	73,733,432	2	1	3	0
Case 103	14	73,734,460	103,342,015	2	2	4	0
Case 103	14	103,342,049	103,628,384	2	1	3	0
Case 103	14	103,628,738	104,516,748	2	2	4	0
Case 103	14	104,518,322	104,646,326	2	1	3	0
Case 103	14	104,646,717	107,287,663	2	2	4	0
Case 103	15	20,034,919	42,143,533	2	1	3	0
Case 103	15	42,144,039	42,185,151	1	1	2	0
Case 103	15	42,185,157	75,949,333	2	1	3	0
Case 103	15	75,949,339	76,366,876	3	0	3	1
Case 103	15	76,373,626	102,461,162	2	1	3	0
Case 103	16	88,165	538,565	2	1	3	0
Case 103	16	538,888	847,743	1	1	2	0
Case 103	16	847,871	35,285,582	2	1	3	0
Case 103	16	46,450,037	90,274,695	2	1	3	0
Case 103	17	11,885	22,242,355	3	0	3	1
Case 103	17	25,268,142	25,295,032	3	0	3	1
Case 103	17	25,329,949	72,739,283	2	1	3	0
Case 103	17	72,739,304	77,711,716	2	0	2	1
Case 103	17	77,711,798	79,060,247	2	1	3	0
Case 103	17	79,065,650	79,516,266	1	1	2	0
Case 103	17	79,516,352	81,060,040	2	1	3	0
Case 103	18	87,505	15,375,878	2	1	3	0
Case 103	18	18,520,354	78,015,180	2	1	3	0
Case 103	19	260,912	1,182,415	3	1	4	0

Case 103	19	1,185,924	2,097,056	2	1	3	0
Case 103	19	2,097,832	3,511,709	2	2	4	0
Case 103	19	3,523,055	4,110,492	2	1	3	0
Case 103	19	4,112,988	4,432,123	2	2	4	0
Case 103	19	4,432,973	4,839,514	2	1	3	0
Case 103	19	4,841,151	7,618,660	2	2	4	0
Case 103	19	7,618,859	7,707,002	2	1	3	0
Case 103	19	7,707,702	7,964,617	2	2	4	0
Case 103	19	7,964,704	8,665,979	2	1	3	0
Case 103	19	8,668,121	9,676,521	2	2	4	0
Case 103	19	9,677,428	10,172,516	2	1	3	0
Case 103	19	10,176,663	10,398,430	2	2	4	0
Case 103	19	10,398,439	11,217,334	2	1	3	0
Case 103	19	11,217,344	13,868,278	2	2	4	0
Case 103	19	13,869,687	14,199,924	2	1	3	0
Case 103	19	14,199,987	15,271,630	2	2	4	0
Case 103	19	15,271,771	15,572,397	2	1	3	0
Case 103	19	15,572,399	17,394,228	2	2	4	0
Case 103	19	17,394,237	17,534,540	2	1	3	0
Case 103	19	17,534,560	17,836,969	2	2	4	0
Case 103	19	17,837,151	18,899,986	2	1	3	0
Case 103	19	18,900,101	24,629,285	2	2	4	0
Case 103	19	27,732,159	33,005,903	2	2	4	0
Case 103	19	33,006,378	33,467,466	2	1	3	0
Case 103	19	33,467,515	40,263,966	2	2	4	0
Case 103	19	40,265,568	41,086,248	2	1	3	0
Case 103	19	41,086,528	42,393,286	2	2	4	0
Case 103	19	42,396,761	43,243,403	2	1	3	0
Case 103	19	43,262,353	45,916,986	2	2	4	0
Case 103	19	45,922,414	46,380,610	2	1	3	0
Case 103	19	46,384,459	49,102,399	2	2	4	0
Case 103	19	49,102,469	49,249,698	2	1	3	0
Case 103	19	49,249,795	58,512,098	2	2	4	0
Case 103	19	58,512,227	58,609,457	2	1	3	0
Case 103	19	58,610,254	58,815,853	2	2	4	0
Case 103	19	58,819,113	59,097,160	2	1	3	0
Case 103	20	63,244	139,577	3	1	4	0
Case 103	20	139,745	1,272,686	3	2	5	0
Case 103	20	1,277,099	2,401,231	3	1	4	0
Case 103	20	2,407,441	2,760,705	3	2	5	0
Case 103	20	2,761,098	4,285,493	3	1	4	0
Case 103	20	4,287,971	4,703,120	3	2	5	0
Case 103	20	4,703,380	6,843,033	3	1	4	0
Case 103	20	6,844,846	7,687,801	3	2	5	0
Case 103	20	7,689,193	8,008,166	3	1	4	0
Case 103	20	8,009,127	15,560,116	3	2	5	0
Case 103	20	15,560,791	15,644,667	3	1	4	0
Case 103	20	15,645,021	20,051,890	3	2	5	0
Case 103	20	20,053,676	26,293,985	3	1	4	0
Case 103	20	29,425,357	31,622,711	3	1	4	0
Case 103	20	31,622,900	32,198,926	3	2	5	0
Case 103	20	32,202,779	35,226,873	3	1	4	0
Case 103	20	35,233,315	36,640,885	3	2	5	0
Case 103	20	36,640,975	36,999,382	3	1	4	0
Case 103	20	37,001,761	39,313,690	3	2	5	0
Case 103	20	39,320,751	40,080,554	3	1	4	0
Case 103	20	40,081,419	40,512,062	3	2	5	0
Case 103	20	40,513,571	40,912,801	3	1	4	0
Case 103	20	40,915,410	43,309,278	3	2	5	0
Case 103	20	43,310,251	44,902,046	3	1	4	0
Case 103	20	44,902,426	47,096,920	3	2	5	0

Case 103	20	47,097,755	47,319,568	3	1	4	0
Case 103	20	47,325,460	57,210,254	3	2	5	0
Case 103	20	57,212,541	58,384,038	3	1	4	0
Case 103	20	58,384,451	59,142,595	3	2	5	0
Case 103	20	59,146,696	62,948,788	3	1	4	0
Case 103	21	10,827,533	10,971,337	2	1	3	0
Case 103	21	14,368,320	46,000,594	2	1	3	0
Case 103	21	46,000,954	46,116,223	3	0	3	1
Case 103	21	46,116,432	48,100,155	2	1	3	0
Case 103	22	16,114,244	51,195,728	2	1	3	0
Case 104	1	82,154	30,496,978	1	1	2	0
Case 104	1	30,497,242	30,830,505	1	0	1	0
Case 104	1	30,843,915	32,677,404	1	1	2	0
Case 104	1	32,677,405	32,879,586	2	0	2	1
Case 104	1	32,889,223	34,089,394	2	1	3	0
Case 104	1	34,090,145	121,346,616	1	1	2	0
Case 104	1	142,649,718	144,886,136	1	1	2	0
Case 104	1	144,886,220	151,377,648	3	0	3	1
Case 104	1	151,377,952	151,407,693	7	0	7	1
Case 104	1	151,413,180	199,464,611	3	0	3	1
Case 104	1	199,471,616	200,880,817	4	0	4	1
Case 104	1	200,881,595	200,967,638	2	1	3	0
Case 104	1	200,971,329	208,393,548	3	0	3	1
Case 104	1	208,397,575	219,802,508	4	0	4	1
Case 104	1	219,810,518	220,601,623	2	1	3	0
Case 104	1	220,604,048	220,604,048	1	1	2	0
Case 104	1	220,606,276	226,016,575	4	0	4	1
Case 104	1	226,016,593	226,032,896	2	1	3	0
Case 104	1	226,032,903	226,131,691	1	1	2	0
Case 104	1	226,135,132	228,296,745	4	0	4	1
Case 104	1	228,297,613	228,879,311	3	0	3	1
Case 104	1	228,880,021	232,570,049	4	0	4	1
Case 104	1	232,570,234	235,324,276	3	0	3	1
Case 104	1	235,324,298	235,325,570	1	1	2	0
Case 104	1	235,327,138	235,327,138	3	0	3	1
Case 104	1	235,328,341	235,338,597	4	0	4	1
Case 104	1	235,338,600	235,338,600	1	1	2	0
Case 104	1	235,338,618	236,848,268	4	0	4	1
Case 104	1	236,848,751	237,089,463	2	1	3	0
Case 104	1	237,089,660	237,110,626	1	1	2	0
Case 104	1	237,110,859	249,218,992	4	0	4	1
Case 104	2	18,674	1,670,117	2	0	2	1
Case 104	2	1,670,156	1,940,723	2	1	3	0
Case 104	2	1,946,914	2,522,028	2	0	2	1
Case 104	2	2,526,178	3,243,238	2	1	3	0
Case 104	2	3,243,694	3,706,055	2	0	2	1
Case 104	2	3,706,812	3,838,226	2	1	3	0
Case 104	2	3,839,093	5,838,030	2	0	2	1
Case 104	2	5,839,686	6,162,581	2	1	3	0
Case 104	2	6,162,992	7,252,209	2	0	2	1
Case 104	2	7,256,134	8,117,416	2	1	3	0
Case 104	2	8,118,123	8,285,108	2	0	2	1
Case 104	2	8,285,148	9,235,586	2	1	3	0
Case 104	2	9,237,190	10,269,367	2	0	2	1
Case 104	2	10,271,196	12,464,136	2	1	3	0
Case 104	2	12,465,306	14,309,625	2	0	2	1
Case 104	2	14,312,862	14,702,349	2	1	3	0
Case 104	2	14,702,424	15,909,600	2	0	2	1
Case 104	2	15,910,111	17,009,381	2	1	3	0
Case 104	2	17,011,894	21,225,485	2	0	2	1
Case 104	2	21,225,491	21,239,404	2	1	3	0

Case 104	2	21,239,443	23,746,800	2	0	2	1
Case 104	2	23,754,948	24,392,618	2	1	3	0
Case 104	2	24,397,572	25,194,771	2	0	2	1
Case 104	2	25,230,670	25,921,254	2	1	3	0
Case 104	2	25,948,600	27,666,834	2	0	2	1
Case 104	2	27,667,108	29,195,674	2	1	3	0
Case 104	2	29,196,785	29,494,740	2	0	2	1
Case 104	2	29,497,967	29,746,757	2	1	3	0
Case 104	2	29,746,841	30,029,139	2	0	2	1
Case 104	2	30,029,875	32,581,486	2	1	3	0
Case 104	2	32,597,234	35,955,381	2	0	2	1
Case 104	2	35,957,851	36,737,128	2	1	3	0
Case 104	2	36,737,179	38,372,878	2	0	2	1
Case 104	2	38,373,552	39,481,660	2	1	3	0
Case 104	2	39,485,516	39,683,930	2	0	2	1
Case 104	2	39,689,746	40,826,397	2	1	3	0
Case 104	2	40,832,632	41,532,103	2	0	2	1
Case 104	2	41,532,477	43,102,327	2	1	3	0
Case 104	2	43,103,614	43,460,514	2	0	2	1
Case 104	2	43,466,619	44,040,347	2	1	3	0
Case 104	2	44,040,401	47,368,754	2	0	2	1
Case 104	2	47,372,425	48,116,126	2	1	3	0
Case 104	2	48,124,504	48,594,355	2	0	2	1
Case 104	2	48,597,559	49,825,824	2	1	3	0
Case 104	2	49,827,891	50,660,985	2	0	2	1
Case 104	2	50,661,643	51,584,418	2	1	3	0
Case 104	2	51,593,059	54,101,772	2	0	2	1
Case 104	2	54,109,239	54,366,580	2	1	3	0
Case 104	2	54,372,118	60,528,759	2	0	2	1
Case 104	2	60,529,026	62,673,967	2	1	3	0
Case 104	2	62,676,906	64,029,271	2	0	2	1
Case 104	2	64,041,944	65,291,546	2	1	3	0
Case 104	2	65,296,657	65,586,769	2	0	2	1
Case 104	2	65,592,325	65,926,939	2	1	3	0
Case 104	2	65,928,971	70,514,023	2	0	2	1
Case 104	2	70,520,498	71,145,643	2	1	3	0
Case 104	2	71,148,281	71,525,602	2	0	2	1
Case 104	2	71,525,698	71,740,851	2	1	3	0
Case 104	2	71,740,884	71,929,775	2	0	2	1
Case 104	2	71,932,953	72,160,412	2	1	3	0
Case 104	2	72,161,465	73,717,851	2	0	2	1
Case 104	2	73,717,857	74,466,152	2	1	3	0
Case 104	2	74,466,475	74,939,600	2	0	2	1
Case 104	2	74,958,546	75,128,656	2	1	3	0
Case 104	2	75,138,842	76,236,858	2	0	2	1
Case 104	2	76,240,260	76,453,762	1	0	1	0
Case 104	2	76,464,500	79,227,053	2	0	2	1
Case 104	2	79,227,099	79,518,889	2	1	3	0
Case 104	2	79,520,327	85,290,623	2	0	2	1
Case 104	2	85,291,829	85,546,615	2	1	3	0
Case 104	2	85,546,932	85,731,858	2	0	2	1
Case 104	2	85,738,374	85,824,291	2	1	3	0
Case 104	2	85,824,592	86,374,842	2	0	2	1
Case 104	2	86,376,089	86,857,824	2	1	3	0
Case 104	2	86,872,835	88,392,018	2	0	2	1
Case 104	2	88,393,416	92,081,640	2	1	3	0
Case 104	2	95,429,424	96,385,848	2	1	3	0
Case 104	2	96,391,109	99,548,333	2	0	2	1
Case 104	2	99,549,154	99,881,228	2	1	3	0
Case 104	2	99,898,998	100,678,069	2	0	2	1
Case 104	2	100,678,198	101,594,191	2	1	3	0

Case 104	2	101,595,475	101,706,787	2	0	2	1
Case 104	2	101,710,796	103,729,418	2	1	3	0
Case 104	2	103,740,513	104,286,032	2	0	2	1
Case 104	2	104,298,541	105,341,447	2	1	3	0
Case 104	2	105,342,436	106,579,871	2	0	2	1
Case 104	2	106,582,663	106,951,208	2	1	3	0
Case 104	2	106,954,287	108,711,926	2	0	2	1
Case 104	2	108,717,242	113,807,144	2	1	3	0
Case 104	2	113,809,122	113,890,443	2	0	2	1
Case 104	2	113,890,586	115,380,251	2	1	3	0
Case 104	2	115,380,383	115,946,323	2	0	2	1
Case 104	2	115,948,786	118,250,637	2	1	3	0
Case 104	2	118,258,797	118,809,451	2	0	2	1
Case 104	2	118,814,868	119,429,297	2	1	3	0
Case 104	2	119,435,628	121,322,038	2	0	2	1
Case 104	2	121,327,514	122,492,869	2	1	3	0
Case 104	2	122,492,983	123,302,906	2	0	2	1
Case 104	2	123,304,053	123,548,703	2	1	3	0
Case 104	2	123,556,119	129,163,372	2	0	2	1
Case 104	2	129,171,305	129,326,003	2	1	3	0
Case 104	2	129,331,064	134,945,535	2	0	2	1
Case 104	2	134,945,868	135,711,516	2	1	3	0
Case 104	2	135,711,657	136,937,513	2	0	2	1
Case 104	2	136,944,990	137,062,927	2	1	3	0
Case 104	2	137,065,275	141,739,845	2	0	2	1
Case 104	2	141,742,624	142,124,008	2	1	3	0
Case 104	2	142,134,134	143,278,394	2	0	2	1
Case 104	2	143,290,897	143,799,730	2	1	3	0
Case 104	2	143,816,362	149,268,931	2	0	2	1
Case 104	2	149,270,710	150,146,800	2	1	3	0
Case 104	2	150,147,278	157,566,204	2	0	2	1
Case 104	2	157,583,475	159,196,789	2	1	3	0
Case 104	2	159,196,848	159,489,481	2	0	2	1
Case 104	2	159,490,618	166,941,405	2	1	3	0
Case 104	2	166,943,277	168,426,623	2	0	2	1
Case 104	2	168,434,795	175,776,383	2	1	3	0
Case 104	2	175,779,805	177,615,308	2	0	2	1
Case 104	2	177,615,896	181,772,262	2	1	3	0
Case 104	2	181,784,642	183,621,072	2	0	2	1
Case 104	2	183,622,547	185,861,167	2	1	3	0
Case 104	2	185,865,740	187,801,925	2	0	2	1
Case 104	2	187,802,572	194,228,442	2	1	3	0
Case 104	2	194,236,059	196,698,255	2	0	2	1
Case 104	2	196,699,007	198,809,975	2	1	3	0
Case 104	2	198,819,824	243,048,760	2	0	2	1
Case 104	3	61,495	4,645,916	2	2	4	0
Case 104	3	4,647,026	4,842,231	2	1	3	0
Case 104	3	4,842,276	8,637,456	2	2	4	0
Case 104	3	8,637,715	10,472,916	2	1	3	0
Case 104	3	10,474,137	12,472,095	2	2	4	0
Case 104	3	12,475,088	13,139,968	2	1	3	0
Case 104	3	13,140,472	15,673,269	2	2	4	0
Case 104	3	15,676,984	16,376,279	2	1	3	0
Case 104	3	16,377,067	20,984,404	2	2	4	0
Case 104	3	20,984,501	21,478,645	2	1	3	0
Case 104	3	21,478,694	22,833,705	2	2	4	0
Case 104	3	22,840,407	23,221,931	2	1	3	0
Case 104	3	23,226,298	61,040,860	2	0	2	1
Case 104	3	61,042,317	61,189,520	1	0	1	0
Case 104	3	61,190,233	90,442,925	2	0	2	1
Case 104	3	93,537,290	93,550,578	2	0	2	1

Case 104	3	93,589,362	94,173,895	2	1	3	0
Case 104	3	94,174,868	94,348,328	2	2	4	0
Case 104	3	94,374,731	94,506,653	2	0	2	1
Case 104	3	94,523,335	95,957,943	3	0	3	1
Case 104	3	95,967,949	96,516,039	6	1	7	0
Case 104	3	96,533,846	165,210,453	3	0	3	1
Case 104	3	165,211,894	169,272,121	6	1	7	0
Case 104	3	169,274,648	171,101,556	7	0	7	1
Case 104	3	171,103,807	197,838,262	3	0	3	1
Case 104	4	71,566	49,620,898	1	1	2	0
Case 104	4	52,697,856	91,342,005	1	1	2	0
Case 104	4	91,350,425	91,740,550	1	0	1	0
Case 104	4	91,748,644	106,137,033	1	1	2	0
Case 104	4	106,141,736	106,681,251	1	0	1	0
Case 104	4	106,687,733	160,815,681	1	1	2	0
Case 104	4	160,816,351	187,388,958	1	0	1	0
Case 104	4	187,390,680	187,712,375	2	0	2	1
Case 104	4	187,714,691	190,963,766	1	0	1	0
Case 104	5	38,139	4,532,227	2	0	2	1
Case 104	5	4,534,191	28,183,468	1	0	1	0
Case 104	5	28,184,320	46,399,093	1	1	2	0
Case 104	5	49,457,282	49,492,838	1	1	2	0
Case 104	5	49,522,346	50,313,870	2	1	3	0
Case 104	5	50,318,550	51,762,532	2	0	2	1
Case 104	5	51,774,963	59,230,407	2	1	3	0
Case 104	5	59,231,307	60,936,095	1	1	2	0
Case 104	5	60,936,296	62,838,363	2	1	3	0
Case 104	5	62,842,631	95,524,899	2	0	2	1
Case 104	5	95,530,758	95,705,529	2	1	3	0
Case 104	5	95,709,132	128,661,339	2	0	2	1
Case 104	5	128,674,953	130,185,380	2	1	3	0
Case 104	5	130,195,731	131,721,204	1	1	2	0
Case 104	5	131,722,826	137,671,058	2	1	3	0
Case 104	5	137,673,167	140,236,627	1	1	2	0
Case 104	5	140,236,703	140,803,024	2	1	3	0
Case 104	5	140,803,055	141,386,638	1	1	2	0
Case 104	5	141,391,532	147,139,449	2	1	3	0
Case 104	5	147,150,001	148,054,452	1	1	2	0
Case 104	5	148,056,656	149,581,321	2	1	3	0
Case 104	5	149,581,584	150,922,589	1	1	2	0
Case 104	5	150,922,715	163,530,578	2	1	3	0
Case 104	5	163,533,508	164,992,859	1	1	2	0
Case 104	5	164,993,708	171,102,163	2	1	3	0
Case 104	5	171,103,318	171,593,223	1	1	2	0
Case 104	5	171,593,466	172,842,872	2	1	3	0
Case 104	5	172,844,615	173,183,624	1	1	2	0
Case 104	5	173,188,163	175,164,610	2	1	3	0
Case 104	5	175,174,011	176,025,487	1	1	2	0
Case 104	5	176,025,515	176,726,337	2	1	3	0
Case 104	5	176,726,635	177,041,772	2	0	2	1
Case 104	5	177,041,793	179,730,478	2	1	3	0
Case 104	5	179,731,014	180,077,487	1	1	2	0
Case 104	5	180,081,766	180,693,127	2	1	3	0
Case 104	6	108,666	5,938,368	1	0	1	0
Case 104	6	5,945,951	6,348,954	2	0	2	1
Case 104	6	6,350,381	7,543,783	1	0	1	0
Case 104	6	7,546,404	7,706,004	2	0	2	1
Case 104	6	7,718,590	10,982,359	1	0	1	0
Case 104	6	10,982,652	11,266,942	2	0	2	1
Case 104	6	11,268,188	13,048,051	1	0	1	0
Case 104	6	13,055,406	13,638,984	2	0	2	1



Case 104	6	13,643,291	26,390,316	1	0	1	0
Case 104	6	26,390,439	26,460,047	2	0	2	1
Case 104	6	26,460,721	29,306,350	1	0	1	0
Case 104	6	29,306,656	29,342,227	2	0	2	1
Case 104	6	29,342,236	30,468,791	3	1	4	0
Case 104	6	30,469,190	30,521,187	4	0	4	1
Case 104	6	30,521,435	30,932,682	4	1	5	0
Case 104	6	30,933,794	30,933,864	3	1	4	0
Case 104	6	30,933,975	31,130,865	4	0	4	1
Case 104	6	31,131,707	31,729,904	4	1	5	0
Case 104	6	31,729,905	31,729,925	4	0	4	1
Case 104	6	31,730,607	31,804,610	3	1	4	0
Case 104	6	31,804,729	32,212,233	4	0	4	1
Case 104	6	32,212,264	32,292,715	5	1	6	0
Case 104	6	32,293,152	58,752,089	2	1	3	0
Case 104	6	61,891,118	115,058,847	2	1	3	0
Case 104	6	115,063,621	127,409,882	2	2	4	0
Case 104	6	127,412,728	128,794,068	2	1	3	0
Case 104	6	128,795,887	132,892,200	2	2	4	0
Case 104	6	132,892,253	133,237,051	2	1	3	0
Case 104	6	133,237,557	138,438,723	2	2	4	0
Case 104	6	138,440,838	139,919,937	2	1	3	0
Case 104	6	139,927,204	144,401,799	2	2	4	0
Case 104	6	144,402,945	162,571,263	2	1	3	0
Case 104	6	162,577,258	162,820,114	2	0	2	1
Case 104	6	162,828,829	169,888,764	2	1	3	0
Case 104	6	169,898,317	169,914,218	1	1	2	0
Case 104	6	169,930,402	170,102,970	2	0	2	1
Case 104	6	170,102,973	170,980,171	2	1	3	0
Case 104	7	44,935	4,821,300	2	1	3	0
Case 104	7	4,821,332	4,841,614	2	0	2	1
Case 104	7	4,843,307	58,019,061	2	1	3	0
Case 104	7	61,056,053	64,416,284	2	1	3	0
Case 104	7	64,426,173	70,209,816	2	2	4	0
Case 104	7	70,213,618	70,449,956	2	1	3	0
Case 104	7	70,453,467	159,119,486	2	0	2	1
Case 104	8	164,984	3,867,513	2	2	4	0
Case 104	8	3,867,760	4,042,746	2	1	3	0
Case 104	8	4,043,515	10,464,727	2	2	4	0
Case 104	8	10,464,755	10,470,632	2	1	3	0
Case 104	8	10,470,709	15,823,912	2	2	4	0
Case 104	8	15,825,165	17,417,329	3	2	5	0
Case 104	8	17,417,839	17,500,162	2	2	4	0
Case 104	8	17,500,223	17,918,527	3	2	5	0
Case 104	8	17,918,934	18,134,632	2	2	4	0
Case 104	8	18,139,163	18,692,408	3	2	5	0
Case 104	8	18,693,453	18,729,577	2	2	4	0
Case 104	8	18,729,593	20,491,363	3	1	4	0
Case 104	8	20,492,352	20,566,971	4	0	4	1
Case 104	8	20,569,247	22,108,611	2	1	3	0
Case 104	8	22,113,430	22,412,114	2	2	4	0
Case 104	8	22,412,121	23,225,732	2	1	3	0
Case 104	8	23,225,745	24,170,983	2	2	4	0
Case 104	8	24,170,994	24,649,816	2	1	3	0
Case 104	8	24,649,968	25,901,579	2	2	4	0
Case 104	8	25,904,764	26,124,195	2	1	3	0
Case 104	8	26,126,137	27,151,698	2	2	4	0
Case 104	8	27,151,729	33,600,806	2	1	3	0
Case 104	8	33,601,599	35,397,152	2	2	4	0
Case 104	8	35,412,398	41,302,561	2	1	3	0
Case 104	8	41,303,896	41,424,636	2	0	2	1

Case 104	8	41,424,806	43,414,155	3	1	4	0
Case 104	8	43,447,235	43,791,691	4	0	4	1
Case 104	8	46,886,735	47,658,248	4	0	4	1
Case 104	8	47,706,157	49,780,841	2	1	3	0
Case 104	8	49,784,645	55,369,597	2	2	4	0
Case 104	8	55,372,387	56,755,804	3	2	5	0
Case 104	8	56,757,808	57,479,269	2	2	4	0
Case 104	8	57,480,837	58,762,889	3	2	5	0
Case 104	8	58,765,746	59,409,825	2	2	4	0
Case 104	8	59,410,439	61,164,367	3	2	5	0
Case 104	8	61,178,512	62,509,154	2	2	4	0
Case 104	8	62,517,963	66,392,336	3	2	5	0
Case 104	8	66,394,344	67,380,507	2	2	4	0
Case 104	8	67,380,528	70,457,752	3	2	5	0
Case 104	8	70,459,208	72,875,874	2	2	4	0
Case 104	8	72,882,582	73,819,023	3	2	5	0
Case 104	8	73,821,073	75,300,967	2	2	4	0
Case 104	8	75,307,831	77,217,405	3	2	5	0
Case 104	8	77,218,065	77,819,954	2	2	4	0
Case 104	8	77,824,032	80,843,503	3	2	5	0
Case 104	8	80,845,186	82,321,682	2	2	4	0
Case 104	8	82,334,430	89,334,509	3	2	5	0
Case 104	8	89,338,155	91,623,932	2	2	4	0
Case 104	8	91,635,699	93,613,214	3	2	5	0
Case 104	8	93,615,407	95,628,814	2	2	4	0
Case 104	8	95,629,254	97,156,855	3	2	5	0
Case 104	8	97,156,888	108,039,422	2	2	4	0
Case 104	8	108,047,032	123,649,642	3	2	5	0
Case 104	8	123,651,639	123,966,062	2	2	4	0
Case 104	8	123,966,085	124,922,448	3	2	5	0
Case 104	8	124,922,736	125,691,155	2	2	4	0
Case 104	8	125,697,259	125,850,756	3	2	5	0
Case 104	8	125,852,353	126,023,815	2	2	4	0
Case 104	8	126,030,441	128,578,015	3	2	5	0
Case 104	8	128,583,597	129,127,793	2	2	4	0
Case 104	8	129,128,194	130,381,984	3	2	5	0
Case 104	8	130,382,552	132,174,324	2	2	4	0
Case 104	8	132,184,839	133,764,056	3	2	5	0
Case 104	8	133,764,083	134,296,524	2	2	4	0
Case 104	8	134,298,492	139,380,869	3	2	5	0
Case 104	8	139,381,546	139,954,311	2	2	4	0
Case 104	8	139,962,091	140,712,201	3	2	5	0
Case 104	8	140,720,163	146,293,414	2	2	4	0
Case 104	9	46,587	26,181,177	2	0	2	1
Case 104	9	26,184,917	26,637,253	1	0	1	0
Case 104	9	26,641,557	46,944,322	2	0	2	1
Case 104	9	65,629,772	140,166,982	2	0	2	1
Case 104	9	140,167,307	140,301,447	1	0	1	0
Case 104	9	140,305,091	141,066,491	2	0	2	1
Case 104	10	98,087	3,733,386	2	0	2	1
Case 104	10	3,733,731	4,748,240	3	1	4	0
Case 104	10	4,748,776	4,772,604	4	0	4	1
Case 104	10	4,774,565	5,043,821	2	1	3	0
Case 104	10	5,043,846	5,886,149	2	2	4	0
Case 104	10	5,886,734	6,615,454	2	1	3	0
Case 104	10	6,616,336	7,213,000	2	2	4	0
Case 104	10	7,213,014	7,642,818	2	1	3	0
Case 104	10	7,644,249	22,852,948	2	2	4	0
Case 104	10	22,856,802	23,297,257	2	1	3	0
Case 104	10	23,297,301	25,717,911	2	2	4	0
Case 104	10	25,725,491	25,936,459	2	1	3	0

Case 104	10	25,958,020	29,003,943	2	2	4	0
Case 104	10	29,005,087	29,327,405	2	1	3	0
Case 104	10	29,330,089	38,501,841	2	2	4	0
Case 104	10	38,502,333	39,058,671	2	1	3	0
Case 104	10	39,070,516	39,097,912	2	0	2	1
Case 104	10	42,436,301	135,477,883	2	0	2	1
Case 104	11	193,146	5,862,566	2	0	2	1
Case 104	11	5,862,607	6,007,271	3	0	3	1
Case 104	11	6,007,272	36,999,385	2	0	2	1
Case 104	11	37,002,821	39,065,712	1	0	1	0
Case 104	11	39,066,761	40,524,159	1	1	2	0
Case 104	11	40,527,150	45,923,697	2	1	3	0
Case 104	11	45,923,929	46,388,375	1	1	2	0
Case 104	11	46,388,881	51,591,253	2	1	3	0
Case 104	11	54,794,237	55,362,955	2	1	3	0
Case 104	11	55,370,325	55,427,700	0	0	0	0
Case 104	11	55,431,897	55,437,126	1	1	2	0
Case 104	11	55,445,294	65,385,649	2	1	3	0
Case 104	11	65,385,680	65,423,327	1	1	2	0
Case 104	11	65,423,347	67,161,030	2	1	3	0
Case 104	11	67,161,231	67,277,475	1	1	2	0
Case 104	11	67,280,620	78,360,321	2	1	3	0
Case 104	11	78,360,830	78,704,703	2	0	2	1
Case 104	11	78,706,607	87,600,576	2	1	3	0
Case 104	11	87,601,746	91,435,248	3	1	4	0
Case 104	11	91,437,329	91,443,021	4	0	4	1
Case 104	11	91,443,158	98,427,125	2	1	3	0
Case 104	11	98,429,292	102,742,592	2	0	2	1
Case 104	11	102,742,653	103,406,150	2	1	3	0
Case 104	11	103,408,327	104,850,440	2	0	2	1
Case 104	11	104,856,055	108,114,727	2	1	3	0
Case 104	11	108,114,749	109,929,743	2	0	2	1
Case 104	11	109,934,487	111,257,202	2	1	3	0
Case 104	11	111,260,202	111,420,440	2	0	2	1
Case 104	11	111,420,936	111,724,133	2	1	3	0
Case 104	11	111,724,183	113,892,617	1	1	2	0
Case 104	11	113,902,210	116,431,521	2	1	3	0
Case 104	11	116,436,362	116,707,736	2	0	2	1
Case 104	11	116,707,739	118,486,067	2	1	3	0
Case 104	11	118,486,833	119,059,239	2	0	2	1
Case 104	11	119,059,247	121,335,915	2	1	3	0
Case 104	11	121,337,993	122,021,283	2	0	2	1
Case 104	11	122,023,511	123,777,302	2	1	3	0
Case 104	11	123,777,307	124,016,724	2	0	2	1
Case 104	11	124,016,820	124,413,198	2	1	3	0
Case 104	11	124,413,214	124,791,314	2	0	2	1
Case 104	11	124,792,627	125,060,910	2	1	3	0
Case 104	11	125,061,547	125,857,745	2	0	2	1
Case 104	11	125,864,206	126,310,156	2	1	3	0
Case 104	11	126,310,299	126,601,540	2	0	2	1
Case 104	11	126,601,735	127,313,452	2	1	3	0
Case 104	11	127,315,468	134,934,063	1	0	1	0
Case 104	12	191,619	29,149,089	1	1	2	0
Case 104	12	29,180,359	29,333,878	4	0	4	1
Case 104	12	29,338,429	32,453,966	2	1	3	0
Case 104	12	32,454,242	34,853,011	1	1	2	0
Case 104	12	37,876,400	37,942,622	1	1	2	0
Case 104	12	37,961,768	56,030,812	2	1	3	0
Case 104	12	56,030,921	56,221,528	1	1	2	0
Case 104	12	56,221,752	133,810,935	2	1	3	0
Case 104	13	19,058,717	115,103,529	3	0	3	1

Case 104	14	19,280,733	34,354,983	2	1	3	0
Case 104	14	34,367,242	34,393,916	2	0	2	1
Case 104	14	34,396,100	34,403,241	2	1	3	0
Case 104	14	34,404,727	34,410,797	2	0	2	1
Case 104	14	34,413,826	35,416,938	3	1	4	0
Case 104	14	35,433,187	35,756,776	4	0	4	1
Case 104	14	35,761,084	37,145,916	2	1	3	0
Case 104	14	37,146,475	37,148,359	2	0	2	1
Case 104	14	37,148,962	40,283,003	3	1	4	0
Case 104	14	40,296,775	40,364,644	0	0	0	0
Case 104	14	40,388,314	75,071,093	1	1	2	0
Case 104	14	75,073,048	78,190,396	2	1	3	0
Case 104	14	78,195,733	79,074,088	1	1	2	0
Case 104	14	79,074,748	104,559,623	2	1	3	0
Case 104	14	104,559,833	104,647,606	1	1	2	0
Case 104	14	104,651,397	107,287,663	2	1	3	0
Case 104	15	20,034,919	102,461,162	1	1	2	0
Case 104	16	88,165	2,766,526	2	0	2	1
Case 104	16	2,766,531	2,979,945	2	1	3	0
Case 104	16	2,979,984	3,191,356	2	0	2	1
Case 104	16	3,194,616	3,487,398	2	1	3	0
Case 104	16	3,487,431	4,861,709	2	0	2	1
Case 104	16	4,864,538	4,933,403	2	1	3	0
Case 104	16	4,933,446	5,383,635	2	0	2	1
Case 104	16	5,384,421	6,813,912	2	1	3	0
Case 104	16	6,816,052	7,099,593	2	0	2	1
Case 104	16	7,102,551	7,761,529	2	1	3	0
Case 104	16	7,767,262	8,767,878	2	0	2	1
Case 104	16	8,771,186	10,991,952	2	1	3	0
Case 104	16	10,992,784	11,557,982	2	0	2	1
Case 104	16	11,563,226	12,615,802	2	1	3	0
Case 104	16	12,616,169	12,769,232	2	0	2	1
Case 104	16	12,769,476	13,625,515	2	1	3	0
Case 104	16	13,634,426	14,125,513	2	0	2	1
Case 104	16	14,126,330	16,230,810	2	1	3	0
Case 104	16	16,232,369	16,276,385	2	0	2	1
Case 104	16	16,276,391	21,689,861	2	1	3	0
Case 104	16	21,689,879	22,732,587	2	0	2	1
Case 104	16	22,732,889	24,909,295	2	1	3	0
Case 104	16	24,909,300	26,405,671	2	0	2	1
Case 104	16	26,411,343	28,322,337	2	1	3	0
Case 104	16	28,323,470	35,285,582	2	0	2	1
Case 104	16	46,450,037	73,466,538	2	0	2	1
Case 104	16	73,466,745	73,782,596	3	0	3	1
Case 104	16	73,783,609	74,339,606	2	0	2	1
Case 104	16	74,340,431	79,444,281	1	0	1	0
Case 104	16	79,445,141	90,274,695	2	0	2	1
Case 104	17	11,885	22,242,355	2	0	2	1
Case 104	17	25,268,142	38,770,286	2	1	3	0
Case 104	17	38,775,150	52,564,962	2	0	2	1
Case 104	17	52,566,274	56,350,196	3	0	3	1
Case 104	17	56,350,258	56,421,270	2	0	2	1
Case 104	17	56,421,706	61,498,295	3	0	3	1
Case 104	17	61,498,345	61,675,292	1	1	2	0
Case 104	17	61,676,534	61,902,189	2	1	3	0
Case 104	17	61,902,667	62,123,321	2	0	2	1
Case 104	17	62,130,937	72,832,362	3	0	3	1
Case 104	17	72,832,366	74,093,912	2	0	2	1
Case 104	17	74,093,934	77,707,387	3	0	3	1
Case 104	17	77,707,406	78,399,412	2	0	2	1
Case 104	17	78,402,423	78,827,993	3	0	3	1

Case 104	17	78,829,069	79,615,022	2	0	2	1
Case 104	17	79,615,825	79,684,871	3	0	3	1
Case 104	17	79,687,893	81,060,040	2	0	2	1
Case 104	18	87,505	10,986,676	1	0	1	0
Case 104	18	10,997,117	13,157,966	2	0	2	1
Case 104	18	13,163,903	14,419,091	3	0	3	1
Case 104	18	14,419,170	15,375,878	2	0	2	1
Case 104	18	18,520,354	22,033,261	2	0	2	1
Case 104	18	22,039,872	43,223,105	1	0	1	0
Case 104	18	43,224,101	43,341,772	2	0	2	1
Case 104	18	43,346,349	43,860,477	1	0	1	0
Case 104	18	43,864,568	45,631,389	2	0	2	1
Case 104	18	45,631,492	47,265,074	1	0	1	0
Case 104	18	47,269,486	47,640,423	2	0	2	1
Case 104	18	47,641,401	54,694,713	1	0	1	0
Case 104	18	54,699,221	55,412,068	2	0	2	1
Case 104	18	55,414,309	55,990,881	1	0	1	0
Case 104	18	55,991,376	56,279,025	2	0	2	1
Case 104	18	56,279,985	72,976,342	1	0	1	0
Case 104	18	72,982,257	73,290,926	2	0	2	1
Case 104	18	73,293,384	78,015,180	1	0	1	0
Case 104	19	260,912	2,878,238	2	0	2	1
Case 104	19	2,888,242	3,500,714	2	1	3	0
Case 104	19	3,511,709	3,769,049	1	1	2	0
Case 104	19	3,771,586	10,468,453	2	0	2	1
Case 104	19	10,468,465	11,461,601	1	1	2	0
Case 104	19	11,462,808	15,141,624	2	0	2	1
Case 104	19	15,143,453	15,206,661	2	1	3	0
Case 104	19	15,209,603	15,565,474	1	1	2	0
Case 104	19	15,565,646	16,606,070	2	1	3	0
Case 104	19	16,606,630	16,884,009	1	1	2	0
Case 104	19	16,884,055	24,629,285	2	0	2	1
Case 104	19	27,732,159	59,097,160	2	0	2	1
Case 104	20	63,244	26,293,985	2	0	2	1
Case 104	20	29,425,357	62,948,788	3	1	4	0
Case 104	21	10,827,533	10,971,337	2	1	3	0
Case 104	21	14,368,320	20,986,798	2	1	3	0
Case 104	21	20,988,134	48,100,155	1	1	2	0
Case 104	22	16,114,244	51,195,728	2	0	2	1
Case 105	1	82,154	82,154	4	1	5	0
Case 105	1	752,566	1,247,826	6	0	6	1
Case 105	1	1,248,041	1,248,329	3	1	4	0
Case 105	1	1,249,187	1,563,100	4	1	5	0
Case 105	1	1,563,105	3,616,601	6	0	6	1
Case 105	1	3,628,677	3,628,677	3	1	4	0
Case 105	1	3,630,476	3,630,476	2	1	3	0
Case 105	1	3,632,608	5,915,662	5	0	5	1
Case 105	1	5,916,458	5,966,661	3	1	4	0
Case 105	1	5,969,237	7,405,293	4	1	5	0
Case 105	1	7,406,010	7,667,122	3	1	4	0
Case 105	1	7,668,346	87,774,994	2	1	3	0
Case 105	1	87,781,157	87,826,745	4	1	5	0
Case 105	1	87,826,767	91,119,499	5	1	6	0
Case 105	1	91,120,020	91,456,926	4	1	5	0
Case 105	1	91,460,362	109,804,646	3	1	4	0
Case 105	1	109,804,917	110,305,188	2	1	3	0
Case 105	1	110,307,190	121,346,616	3	1	4	0
Case 105	1	142,649,718	145,416,056	3	1	4	0
Case 105	1	145,416,337	147,808,631	4	1	5	0
Case 105	1	147,814,694	149,908,108	3	1	4	0
Case 105	1	149,909,495	150,443,354	4	1	5	0

Case 105	1	150,443,553	150,526,146	3	1	4	0
Case 105	1	150,526,216	152,275,273	4	1	5	0
Case 105	1	152,275,276	152,286,145	3	1	4	0
Case 105	1	152,286,157	154,987,947	4	1	5	0
Case 105	1	154,987,980	155,264,433	3	1	4	0
Case 105	1	155,265,228	184,764,457	4	1	5	0
Case 105	1	184,764,601	184,792,315	3	1	4	0
Case 105	1	184,792,432	185,891,569	4	2	6	0
Case 105	1	185,891,584	186,277,088	4	1	5	0
Case 105	1	186,277,099	186,278,240	3	1	4	0
Case 105	1	186,280,235	199,263,161	4	2	6	0
Case 105	1	199,265,270	205,030,498	4	1	5	0
Case 105	1	205,030,522	205,053,097	3	1	4	0
Case 105	1	205,053,130	218,858,100	4	1	5	0
Case 105	1	218,860,068	218,882,604	3	1	4	0
Case 105	1	218,891,136	219,762,581	4	2	6	0
Case 105	1	219,770,722	224,905,913	4	1	5	0
Case 105	1	224,906,158	224,953,318	3	1	4	0
Case 105	1	224,966,644	225,842,940	4	2	6	0
Case 105	1	225,853,826	238,048,809	4	1	5	0
Case 105	1	238,049,083	238,053,873	3	1	4	0
Case 105	1	238,055,618	240,511,965	4	2	6	0
Case 105	1	240,519,677	246,242,908	4	1	5	0
Case 105	1	246,243,336	247,262,367	5	1	6	0
Case 105	1	247,262,625	247,263,818	3	1	4	0
Case 105	1	247,264,263	248,688,317	4	1	5	0
Case 105	1	248,756,502	248,790,425	1	1	2	0
Case 105	1	248,801,588	249,218,992	4	1	5	0
Case 105	2	18,674	3,927,175	2	2	4	0
Case 105	2	3,928,737	4,264,833	3	2	5	0
Case 105	2	4,267,357	5,277,069	2	2	4	0
Case 105	2	5,283,993	5,693,857	3	2	5	0
Case 105	2	5,700,470	7,997,419	2	2	4	0
Case 105	2	7,998,625	8,788,439	3	2	5	0
Case 105	2	8,790,973	23,569,402	2	2	4	0
Case 105	2	23,569,877	23,970,165	2	1	3	0
Case 105	2	23,972,846	26,953,354	2	2	4	0
Case 105	2	26,954,991	27,501,149	2	1	3	0
Case 105	2	27,501,909	31,562,365	2	2	4	0
Case 105	2	31,562,392	31,621,544	2	1	3	0
Case 105	2	31,621,598	73,374,096	2	2	4	0
Case 105	2	73,378,241	73,928,414	2	1	3	0
Case 105	2	73,928,422	74,517,251	2	2	4	0
Case 105	2	74,531,420	74,750,039	2	1	3	0
Case 105	2	74,750,341	92,081,640	2	2	4	0
Case 105	2	95,429,424	102,788,774	2	2	4	0
Case 105	2	102,789,698	103,068,837	2	1	3	0
Case 105	2	103,070,568	129,153,267	2	2	4	0
Case 105	2	129,153,304	129,751,723	2	1	3	0
Case 105	2	129,753,114	147,586,507	2	2	4	0
Case 105	2	147,591,374	180,324,063	2	1	3	0
Case 105	2	180,329,583	180,681,868	3	1	4	0
Case 105	2	180,684,202	182,572,502	2	1	3	0
Case 105	2	182,580,567	219,409,308	3	1	4	0
Case 105	2	219,411,735	219,679,301	2	1	3	0
Case 105	2	219,679,662	219,846,749	3	1	4	0
Case 105	2	219,853,159	220,577,351	2	1	3	0
Case 105	2	220,580,548	224,605,314	3	1	4	0
Case 105	2	224,605,340	224,926,358	2	1	3	0
Case 105	2	224,929,412	241,385,823	3	1	4	0
Case 105	2	241,390,002	241,537,306	2	1	3	0

Case 105	2	241,538,074	241,808,687	3	1	4	0
Case 105	2	241,810,850	241,898,520	2	1	3	0
Case 105	2	241,911,027	242,545,879	3	1	4	0
Case 105	2	242,545,886	242,710,662	3	0	3	1
Case 105	2	242,710,935	243,048,760	3	1	4	0
Case 105	3	61,495	77,180,639	2	1	3	0
Case 105	3	77,188,041	77,712,583	1	1	2	0
Case 105	3	77,714,832	90,442,925	2	1	3	0
Case 105	3	93,537,290	130,346,199	2	1	3	0
Case 105	3	130,346,716	130,409,469	2	0	2	1
Case 105	3	130,409,494	197,838,262	2	1	3	0
Case 105	4	71,566	155,675	1	0	1	0
Case 105	4	171,534	26,121,018	1	1	2	0
Case 105	4	26,132,361	30,726,226	4	1	5	0
Case 105	4	30,727,233	31,187,185	5	1	6	0
Case 105	4	31,187,606	31,187,606	3	1	4	0
Case 105	4	31,190,168	36,915,898	7	0	7	1
Case 105	4	36,916,955	39,619,870	3	1	4	0
Case 105	4	39,637,826	49,620,898	2	1	3	0
Case 105	4	52,697,856	91,900,701	2	1	3	0
Case 105	4	91,902,620	92,054,563	2	0	2	1
Case 105	4	92,063,883	189,070,726	2	1	3	0
Case 105	4	189,081,654	190,963,766	2	0	2	1
Case 105	5	38,139	2,571,422	2	1	3	0
Case 105	5	2,572,654	2,622,918	2	0	2	1
Case 105	5	2,625,833	22,193,967	2	1	3	0
Case 105	5	22,219,503	26,299,629	3	1	4	0
Case 105	5	26,322,668	29,193,998	2	1	3	0
Case 105	5	29,211,937	32,069,412	3	1	4	0
Case 105	5	32,069,709	32,321,077	2	1	3	0
Case 105	5	32,326,234	37,333,727	3	1	4	0
Case 105	5	37,337,963	37,479,198	1	1	2	0
Case 105	5	37,489,442	46,252,282	3	1	4	0
Case 105	5	46,332,383	46,399,093	1	1	2	0
Case 105	5	49,457,282	139,931,613	1	1	2	0
Case 105	5	139,931,617	139,931,652	1	0	1	0
Case 105	5	139,931,653	180,693,127	1	1	2	0
Case 105	6	108,666	802,938	3	1	4	0
Case 105	6	803,882	1,139,117	2	2	4	0
Case 105	6	1,144,109	1,216,376	3	1	4	0
Case 105	6	1,216,558	1,397,839	2	2	4	0
Case 105	6	1,402,537	1,404,628	3	1	4	0
Case 105	6	1,405,284	2,602,357	3	2	5	0
Case 105	6	2,604,645	3,569,421	2	2	4	0
Case 105	6	3,572,371	3,745,723	3	2	5	0
Case 105	6	3,749,106	3,958,481	2	2	4	0
Case 105	6	3,960,888	4,122,279	3	2	5	0
Case 105	6	4,125,474	5,106,807	2	2	4	0
Case 105	6	5,107,943	5,488,980	3	2	5	0
Case 105	6	5,489,201	6,420,874	2	2	4	0
Case 105	6	6,423,728	6,621,962	3	2	5	0
Case 105	6	6,623,677	8,476,862	2	2	4	0
Case 105	6	8,483,819	10,268,828	3	2	5	0
Case 105	6	10,269,064	11,774,583	2	2	4	0
Case 105	6	11,774,626	11,908,166	3	2	5	0
Case 105	6	11,912,213	12,170,927	2	2	4	0
Case 105	6	12,173,757	12,540,827	3	2	5	0
Case 105	6	12,544,251	12,558,110	2	2	4	0
Case 105	6	12,558,421	12,581,864	2	1	3	0
Case 105	6	12,581,921	14,131,854	3	1	4	0
Case 105	6	14,131,881	14,517,404	3	2	5	0

Case 105	6	14,522,827	14,956,881	2	2	4	0
Case 105	6	14,956,927	15,408,528	3	2	5	0
Case 105	6	15,410,647	15,886,775	2	2	4	0
Case 105	6	15,900,124	15,923,323	2	1	3	0
Case 105	6	15,927,034	16,552,802	3	1	4	0
Case 105	6	16,553,926	16,806,573	3	2	5	0
Case 105	6	16,807,092	17,031,611	2	2	4	0
Case 105	6	17,034,315	17,048,225	2	1	3	0
Case 105	6	17,054,240	19,038,132	3	1	4	0
Case 105	6	19,045,560	19,848,673	3	2	5	0
Case 105	6	19,850,707	20,740,296	2	2	4	0
Case 105	6	20,743,952	21,215,485	3	2	5	0
Case 105	6	21,216,746	22,405,396	2	2	4	0
Case 105	6	22,417,829	22,748,186	3	2	5	0
Case 105	6	22,749,157	23,034,461	2	2	4	0
Case 105	6	23,034,890	29,522,152	3	1	4	0
Case 105	6	29,522,588	29,645,118	2	2	4	0
Case 105	6	29,645,236	29,653,957	2	1	3	0
Case 105	6	29,654,943	29,932,380	3	1	4	0
Case 105	6	29,932,666	29,942,083	2	2	4	0
Case 105	6	29,942,126	30,032,673	3	2	5	0
Case 105	6	30,033,690	30,091,311	2	2	4	0
Case 105	6	30,092,308	30,119,890	3	2	5	0
Case 105	6	30,120,268	30,169,327	2	2	4	0
Case 105	6	30,170,057	30,296,071	3	2	5	0
Case 105	6	30,296,253	30,335,350	2	2	4	0
Case 105	6	30,335,554	30,383,956	3	2	5	0
Case 105	6	30,384,322	30,405,956	2	2	4	0
Case 105	6	30,406,608	30,408,265	2	1	3	0
Case 105	6	30,408,787	30,940,989	3	1	4	0
Case 105	6	30,942,284	30,978,196	3	2	5	0
Case 105	6	30,978,717	30,992,346	2	2	4	0
Case 105	6	30,993,377	31,000,489	2	1	3	0
Case 105	6	31,001,355	31,218,984	3	1	4	0
Case 105	6	31,219,869	31,221,914	1	1	2	0
Case 105	6	31,230,701	31,918,468	3	1	4	0
Case 105	6	31,918,860	32,213,052	2	2	4	0
Case 105	6	32,213,210	32,357,133	3	2	5	0
Case 105	6	32,357,165	32,393,141	2	2	4	0
Case 105	6	32,393,651	32,418,031	3	2	5	0
Case 105	6	32,418,848	32,421,798	2	2	4	0
Case 105	6	32,423,021	32,629,755	3	1	4	0
Case 105	6	32,629,764	32,671,521	2	2	4	0
Case 105	6	32,672,082	32,776,976	3	2	5	0
Case 105	6	32,777,140	32,978,627	2	2	4	0
Case 105	6	32,978,997	33,036,446	3	2	5	0
Case 105	6	33,036,505	33,037,060	2	2	4	0
Case 105	6	33,037,419	33,037,611	2	1	3	0
Case 105	6	33,037,619	33,864,237	3	1	4	0
Case 105	6	33,864,354	34,886,436	2	2	4	0
Case 105	6	34,898,455	35,000,453	2	1	3	0
Case 105	6	35,000,663	39,091,869	3	1	4	0
Case 105	6	39,092,967	39,512,337	2	2	4	0
Case 105	6	39,513,399	39,643,607	3	2	5	0
Case 105	6	39,648,685	40,128,253	2	2	4	0
Case 105	6	40,132,914	40,168,513	2	1	3	0
Case 105	6	40,172,340	40,631,065	3	1	4	0
Case 105	6	40,634,681	44,943,982	7	0	7	1
Case 105	6	44,944,642	45,468,074	4	1	5	0
Case 105	6	45,480,010	45,917,083	3	1	4	0
Case 105	6	45,918,969	46,867,766	4	1	5	0



Case 105	6	46,867,767	47,311,898	3	1	4	0
Case 105	6	47,312,531	47,681,981	3	2	5	0
Case 105	6	47,681,990	47,682,206	2	2	4	0
Case 105	6	47,682,212	47,682,501	2	1	3	0
Case 105	6	47,682,519	51,435,724	4	1	5	0
Case 105	6	51,436,530	53,663,882	3	1	4	0
Case 105	6	53,664,707	56,044,835	4	1	5	0
Case 105	6	56,047,400	58,752,089	3	1	4	0
Case 105	6	61,891,118	62,786,386	3	1	4	0
Case 105	6	62,792,379	62,809,771	3	2	5	0
Case 105	6	62,819,058	65,759,576	2	2	4	0
Case 105	6	65,760,202	66,005,857	2	1	3	0
Case 105	6	66,005,888	67,529,319	2	2	4	0
Case 105	6	67,535,530	68,697,160	2	1	3	0
Case 105	6	68,699,843	69,818,593	2	2	4	0
Case 105	6	69,826,507	70,610,207	2	1	3	0
Case 105	6	70,612,132	72,437,006	2	2	4	0
Case 105	6	72,437,128	73,234,957	2	1	3	0
Case 105	6	73,237,751	76,469,115	2	2	4	0
Case 105	6	76,481,902	77,422,929	2	1	3	0
Case 105	6	77,424,462	79,483,130	2	2	4	0
Case 105	6	79,483,474	80,079,559	2	1	3	0
Case 105	6	80,082,927	80,618,523	2	2	4	0
Case 105	6	80,623,610	80,750,397	2	1	3	0
Case 105	6	80,751,942	82,778,549	2	2	4	0
Case 105	6	82,780,595	83,074,954	2	1	3	0
Case 105	6	83,075,231	83,582,258	2	2	4	0
Case 105	6	83,584,304	84,075,136	2	1	3	0
Case 105	6	84,081,971	88,067,157	2	2	4	0
Case 105	6	88,074,792	88,453,491	2	1	3	0
Case 105	6	88,455,481	90,311,213	2	2	4	0
Case 105	6	90,312,803	90,713,018	2	1	3	0
Case 105	6	90,714,054	91,841,370	2	2	4	0
Case 105	6	91,841,769	92,229,590	2	1	3	0
Case 105	6	92,233,404	93,921,556	2	2	4	0
Case 105	6	93,922,926	95,951,267	2	1	3	0
Case 105	6	95,952,089	96,956,097	2	2	4	0
Case 105	6	96,969,694	98,044,632	2	1	3	0
Case 105	6	98,066,596	98,798,280	2	2	4	0
Case 105	6	98,819,800	99,464,542	2	1	3	0
Case 105	6	99,467,661	102,008,823	2	2	4	0
Case 105	6	102,017,666	104,817,775	2	1	3	0
Case 105	6	104,820,636	109,752,451	2	2	4	0
Case 105	6	109,752,549	109,802,929	2	1	3	0
Case 105	6	109,803,216	110,690,440	2	2	4	0
Case 105	6	110,692,360	110,889,435	2	1	3	0
Case 105	6	110,889,538	111,393,061	2	2	4	0
Case 105	6	111,394,421	112,479,963	2	1	3	0
Case 105	6	112,480,041	113,910,697	2	2	4	0
Case 105	6	113,920,304	114,751,611	2	1	3	0
Case 105	6	114,762,507	116,546,924	2	2	4	0
Case 105	6	116,559,406	117,053,071	2	1	3	0
Case 105	6	117,055,764	118,612,943	2	2	4	0
Case 105	6	118,613,435	120,148,300	2	1	3	0
Case 105	6	120,154,449	121,526,898	2	2	4	0
Case 105	6	121,542,358	122,333,898	2	1	3	0
Case 105	6	122,336,960	123,059,586	2	2	4	0
Case 105	6	123,071,112	123,206,331	2	1	3	0
Case 105	6	123,209,819	125,672,037	2	2	4	0
Case 105	6	125,673,963	127,768,762	2	1	3	0
Case 105	6	127,770,982	131,563,577	2	2	4	0

Case 105	6	131,573,433	132,051,395	2	1	3	0
Case 105	6	132,053,152	135,233,909	2	2	4	0
Case 105	6	135,235,534	137,338,225	2	1	3	0
Case 105	6	137,341,012	138,634,579	2	2	4	0
Case 105	6	138,638,442	138,754,715	2	1	3	0
Case 105	6	138,763,236	143,332,882	2	2	4	0
Case 105	6	143,333,317	143,654,625	2	1	3	0
Case 105	6	143,657,292	144,632,427	2	2	4	0
Case 105	6	144,633,601	145,286,368	2	1	3	0
Case 105	6	145,287,366	148,103,855	2	2	4	0
Case 105	6	148,105,936	149,120,342	2	1	3	0
Case 105	6	149,122,761	149,693,784	2	2	4	0
Case 105	6	149,699,523	149,918,301	2	1	3	0
Case 105	6	149,918,748	150,637,115	2	2	4	0
Case 105	6	150,637,477	150,790,679	2	1	3	0
Case 105	6	150,792,757	151,151,811	2	2	4	0
Case 105	6	151,151,896	151,327,946	2	1	3	0
Case 105	6	151,328,122	151,572,523	2	2	4	0
Case 105	6	151,575,250	152,276,923	2	1	3	0
Case 105	6	152,279,514	152,453,094	2	2	4	0
Case 105	6	152,453,258	152,760,812	2	1	3	0
Case 105	6	152,762,098	154,323,909	2	2	4	0
Case 105	6	154,326,053	154,669,628	2	1	3	0
Case 105	6	154,669,917	155,012,313	2	2	4	0
Case 105	6	155,019,223	155,329,941	2	1	3	0
Case 105	6	155,330,107	155,442,052	2	2	4	0
Case 105	6	155,444,724	155,618,218	2	1	3	0
Case 105	6	155,618,223	157,466,966	2	2	4	0
Case 105	6	157,488,190	157,865,334	2	1	3	0
Case 105	6	157,868,141	158,863,830	2	2	4	0
Case 105	6	158,870,081	159,735,578	2	1	3	0
Case 105	6	159,737,086	159,944,996	2	2	4	0
Case 105	6	159,946,240	160,465,291	2	1	3	0
Case 105	6	160,465,753	160,583,732	2	2	4	0
Case 105	6	160,583,904	160,681,831	2	1	3	0
Case 105	6	160,682,106	160,892,241	2	2	4	0
Case 105	6	160,896,431	161,909,253	2	1	3	0
Case 105	6	161,909,909	162,248,169	2	2	4	0
Case 105	6	162,250,522	162,559,158	2	1	3	0
Case 105	6	162,559,180	162,912,514	2	2	4	0
Case 105	6	162,914,986	163,623,619	2	1	3	0
Case 105	6	163,623,703	165,606,180	2	2	4	0
Case 105	6	165,609,467	165,849,238	2	1	3	0
Case 105	6	165,850,480	166,376,825	2	2	4	0
Case 105	6	166,379,282	166,916,557	2	1	3	0
Case 105	6	166,917,844	167,549,536	2	2	4	0
Case 105	6	167,549,755	168,265,340	2	1	3	0
Case 105	6	168,272,985	168,410,722	2	2	4	0
Case 105	6	168,413,195	168,550,184	2	1	3	0
Case 105	6	168,552,065	169,626,065	2	2	4	0
Case 105	6	169,626,325	170,760,613	2	1	3	0
Case 105	6	170,765,619	170,980,171	2	2	4	0
Case 105	7	44,935	1,614,662	3	1	4	0
Case 105	7	1,620,592	1,851,461	4	1	5	0
Case 105	7	1,854,263	3,086,236	3	1	4	0
Case 105	7	3,087,086	3,284,594	4	1	5	0
Case 105	7	3,285,433	4,339,768	3	1	4	0
Case 105	7	4,349,949	4,667,201	4	1	5	0
Case 105	7	4,686,519	6,744,957	3	1	4	0
Case 105	7	6,746,738	11,022,230	4	1	5	0
Case 105	7	11,022,455	11,630,258	3	1	4	0

Case 105	7	11,630,298	20,769,733	4	1	5	0
Case 105	7	20,771,341	21,053,970	3	1	4	0
Case 105	7	21,057,266	21,775,396	4	1	5	0
Case 105	7	21,775,443	21,939,698	3	1	4	0
Case 105	7	21,940,626	24,269,523	4	1	5	0
Case 105	7	24,273,131	24,893,147	3	1	4	0
Case 105	7	24,894,255	25,676,320	4	1	5	0
Case 105	7	25,676,557	26,035,630	3	1	4	0
Case 105	7	26,038,458	26,447,021	4	1	5	0
Case 105	7	26,450,219	27,336,745	3	1	4	0
Case 105	7	27,339,901	29,152,371	4	1	5	0
Case 105	7	29,152,397	29,244,759	3	1	4	0
Case 105	7	29,247,409	29,514,059	4	1	5	0
Case 105	7	29,517,436	29,597,799	3	1	4	0
Case 105	7	29,601,142	29,966,085	4	1	5	0
Case 105	7	29,966,141	30,494,924	3	1	4	0
Case 105	7	30,496,374	30,625,161	4	1	5	0
Case 105	7	30,634,548	30,881,749	3	1	4	0
Case 105	7	30,884,273	31,594,508	4	1	5	0
Case 105	7	31,607,134	31,720,475	3	1	4	0
Case 105	7	31,725,977	32,399,833	4	1	5	0
Case 105	7	32,401,341	33,526,293	3	1	4	0
Case 105	7	33,536,947	34,121,829	4	1	5	0
Case 105	7	34,125,410	34,174,173	3	1	4	0
Case 105	7	34,178,283	34,872,332	4	1	5	0
Case 105	7	34,873,320	35,568,863	3	1	4	0
Case 105	7	35,572,626	35,928,645	4	1	5	0
Case 105	7	35,949,318	36,588,239	3	1	4	0
Case 105	7	36,588,255	37,951,097	4	1	5	0
Case 105	7	37,951,231	38,157,881	3	1	4	0
Case 105	7	38,159,445	38,695,584	4	1	5	0
Case 105	7	38,706,384	39,292,111	3	1	4	0
Case 105	7	39,297,668	40,039,615	4	1	5	0
Case 105	7	40,054,784	41,519,812	3	1	4	0
Case 105	7	41,524,795	44,457,299	4	0	4	1
Case 105	7	44,466,729	44,784,697	3	0	3	1
Case 105	7	44,790,988	56,136,277	4	0	4	1
Case 105	7	56,140,618	56,573,333	3	0	3	1
Case 105	7	56,588,724	57,488,782	4	0	4	1
Case 105	7	57,491,887	58,019,061	3	0	3	1
Case 105	7	61,056,053	62,935,337	3	0	3	1
Case 105	7	62,985,573	70,183,274	2	0	2	1
Case 105	7	70,184,785	70,254,788	3	0	3	1
Case 105	7	70,254,801	94,927,242	2	0	2	1
Case 105	7	94,927,495	94,948,841	3	0	3	1
Case 105	7	94,949,537	95,036,992	2	0	2	1
Case 105	7	95,037,661	95,174,427	3	0	3	1
Case 105	7	95,183,373	131,195,712	2	0	2	1
Case 105	7	131,195,757	131,856,536	3	0	3	1
Case 105	7	131,857,841	142,007,325	2	0	2	1
Case 105	7	142,010,982	142,493,129	3	0	3	1
Case 105	7	142,496,293	159,119,486	2	0	2	1
Case 105	8	164,984	6,430,269	1	0	1	0
Case 105	8	6,431,666	7,308,659	2	0	2	1
Case 105	8	7,308,674	7,308,691	4	1	5	0
Case 105	8	7,308,718	7,308,718	2	1	3	0
Case 105	8	7,371,590	8,094,406	1	1	2	0
Case 105	8	8,101,641	8,994,512	1	0	1	0
Case 105	8	8,995,166	15,190,987	2	0	2	1
Case 105	8	15,191,015	15,324,559	3	0	3	1
Case 105	8	15,327,144	16,632,702	2	0	2	1

Case 105	8	16,634,751	16,850,601	3	0	3	1
Case 105	8	16,850,694	17,405,336	2	0	2	1
Case 105	8	17,406,183	17,563,896	3	0	3	1
Case 105	8	17,564,973	19,145,032	2	0	2	1
Case 105	8	19,145,800	19,419,494	3	0	3	1
Case 105	8	19,429,049	23,397,750	2	0	2	1
Case 105	8	23,402,070	23,703,716	3	0	3	1
Case 105	8	23,708,887	25,748,695	2	0	2	1
Case 105	8	25,752,705	26,043,064	3	0	3	1
Case 105	8	26,044,276	26,893,734	2	0	2	1
Case 105	8	26,894,544	27,625,201	3	0	3	1
Case 105	8	27,628,886	29,124,351	2	0	2	1
Case 105	8	29,140,616	29,473,431	3	0	3	1
Case 105	8	29,478,948	37,098,052	2	0	2	1
Case 105	8	37,100,928	37,381,976	3	0	3	1
Case 105	8	37,390,375	38,135,412	2	0	2	1
Case 105	8	38,139,034	38,966,013	4	1	5	0
Case 105	8	38,968,798	38,975,368	3	1	4	0
Case 105	8	38,989,813	40,065,457	4	2	6	0
Case 105	8	40,065,987	42,413,943	2	2	4	0
Case 105	8	42,414,226	43,791,691	3	2	5	0
Case 105	8	46,886,735	48,172,962	3	2	5	0
Case 105	8	48,177,501	51,543,713	2	2	4	0
Case 105	8	51,546,026	51,981,777	3	2	5	0
Case 105	8	51,982,333	52,504,488	2	2	4	0
Case 105	8	52,505,214	53,001,694	3	2	5	0
Case 105	8	53,006,766	54,493,000	2	2	4	0
Case 105	8	54,495,355	54,651,177	3	2	5	0
Case 105	8	54,651,305	57,839,087	2	2	4	0
Case 105	8	57,841,969	58,835,639	3	2	5	0
Case 105	8	58,837,634	59,766,131	2	2	4	0
Case 105	8	59,766,309	60,022,497	3	2	5	0
Case 105	8	60,024,449	60,388,601	2	2	4	0
Case 105	8	60,398,832	70,188,775	2	1	3	0
Case 105	8	70,198,662	89,536,805	3	1	4	0
Case 105	8	89,554,072	93,942,913	3	2	5	0
Case 105	8	93,977,130	95,272,620	2	2	4	0
Case 105	8	95,274,016	96,139,617	3	2	5	0
Case 105	8	96,139,702	96,452,309	2	2	4	0
Case 105	8	96,452,712	97,060,715	3	2	5	0
Case 105	8	97,063,942	98,582,908	2	2	4	0
Case 105	8	98,583,425	98,900,369	3	2	5	0
Case 105	8	98,900,405	99,030,718	2	2	4	0
Case 105	8	99,033,441	107,355,371	3	2	5	0
Case 105	8	107,372,260	115,603,659	3	3	6	0
Case 105	8	115,611,596	115,626,102	4	2	6	0
Case 105	8	115,641,238	115,641,882	2	0	2	1
Case 105	8	115,642,408	115,642,408	2	2	4	0
Case 105	8	115,650,409	129,746,895	3	2	5	0
Case 105	8	129,748,718	146,293,414	3	3	6	0
Case 105	9	46,587	19,942,824	1	1	2	0
Case 105	9	19,946,627	30,679,704	3	1	4	0
Case 105	9	30,687,072	31,262,671	2	1	3	0
Case 105	9	31,263,902	32,381,785	3	1	4	0
Case 105	9	32,381,910	46,944,322	2	1	3	0
Case 105	9	65,629,772	140,218,212	2	1	3	0
Case 105	9	140,218,283	140,268,976	1	1	2	0
Case 105	9	140,271,414	141,066,491	2	1	3	0
Case 105	10	98,087	11,433,996	3	0	3	1
Case 105	10	11,438,205	22,193,508	4	0	4	1
Case 105	10	22,209,221	39,097,912	3	0	3	1

Case 105	10	42,436,301	60,581,614	2	0	2	1
Case 105	10	60,585,616	61,022,253	3	0	3	1
Case 105	10	61,022,303	71,577,422	2	0	2	1
Case 105	10	71,577,541	71,677,052	3	0	3	1
Case 105	10	71,678,045	77,073,351	2	0	2	1
Case 105	10	77,081,848	77,529,032	3	0	3	1
Case 105	10	77,529,218	114,992,431	2	0	2	1
Case 105	10	115,000,814	115,471,016	3	0	3	1
Case 105	10	115,478,677	117,728,741	2	0	2	1
Case 105	10	117,729,114	135,477,883	3	0	3	1
Case 105	11	193,146	20,676,316	1	1	2	0
Case 105	11	20,676,319	51,391,587	2	1	3	0
Case 105	11	51,392,716	51,591,253	3	1	4	0
Case 105	11	54,794,237	57,062,509	3	1	4	0
Case 105	11	57,065,220	57,488,160	2	1	3	0
Case 105	11	57,496,820	60,482,542	3	1	4	0
Case 105	11	60,483,131	60,723,898	2	1	3	0
Case 105	11	60,725,609	61,018,642	3	1	4	0
Case 105	11	61,023,970	61,643,327	2	1	3	0
Case 105	11	61,643,641	62,259,222	3	1	4	0
Case 105	11	62,269,774	62,766,540	2	1	3	0
Case 105	11	62,766,561	63,485,571	3	1	4	0
Case 105	11	63,486,284	63,744,152	2	1	3	0
Case 105	11	63,761,169	63,883,803	3	1	4	0
Case 105	11	63,883,825	64,179,813	2	1	3	0
Case 105	11	64,184,104	64,345,448	3	1	4	0
Case 105	11	64,351,721	64,813,504	3	0	3	1
Case 105	11	64,813,685	65,303,785	3	1	4	0
Case 105	11	65,304,520	65,423,327	2	1	3	0
Case 105	11	65,423,347	65,617,324	3	1	4	0
Case 105	11	65,617,501	65,793,685	2	1	3	0
Case 105	11	65,793,703	67,789,327	3	1	4	0
Case 105	11	67,789,553	67,918,678	4	1	5	0
Case 105	11	67,925,546	68,854,029	3	1	4	0
Case 105	11	68,854,047	69,058,291	4	1	5	0
Case 105	11	69,060,814	69,592,664	3	1	4	0
Case 105	11	69,592,814	69,941,786	4	1	5	0
Case 105	11	69,942,324	71,221,574	3	1	4	0
Case 105	11	71,231,233	71,707,489	4	1	5	0
Case 105	11	71,709,724	73,997,030	3	1	4	0
Case 105	11	73,997,310	74,393,938	4	1	5	0
Case 105	11	74,394,015	74,746,631	3	1	4	0
Case 105	11	74,757,641	74,887,553	4	1	5	0
Case 105	11	74,887,926	75,947,617	3	1	4	0
Case 105	11	75,956,348	76,322,550	4	1	5	0
Case 105	11	76,324,076	76,982,252	3	1	4	0
Case 105	11	76,982,342	77,774,599	4	1	5	0
Case 105	11	77,774,929	78,568,110	3	1	4	0
Case 105	11	78,573,179	78,772,032	4	1	5	0
Case 105	11	78,772,558	79,031,671	3	1	4	0
Case 105	11	79,039,284	79,158,020	4	1	5	0
Case 105	11	79,165,928	79,590,759	3	1	4	0
Case 105	11	79,590,987	80,865,791	4	1	5	0
Case 105	11	80,867,185	81,010,850	3	1	4	0
Case 105	11	81,011,841	81,675,983	4	1	5	0
Case 105	11	81,680,388	82,443,955	3	1	4	0
Case 105	11	82,444,021	82,532,777	4	1	5	0
Case 105	11	82,535,327	84,060,675	5	1	6	0
Case 105	11	84,064,236	84,117,907	3	1	4	0
Case 105	11	84,120,020	85,968,037	4	1	5	0
Case 105	11	85,968,623	87,345,390	5	1	6	0

Case 105	11	87,349,407	87,439,615	3	1	4	0
Case 105	11	87,440,486	87,440,486	4	1	5	0
Case 105	11	87,447,212	88,650,737	6	0	6	1
Case 105	11	88,658,385	88,658,385	3	1	4	0
Case 105	11	88,661,444	89,404,829	7	0	7	1
Case 105	11	89,405,190	118,764,419	3	1	4	0
Case 105	11	118,764,497	119,460,505	2	1	3	0
Case 105	11	119,465,669	123,775,491	3	1	4	0
Case 105	11	123,775,759	124,266,877	3	0	3	1
Case 105	11	124,267,132	124,481,720	3	1	4	0
Case 105	11	124,482,903	124,972,832	2	1	3	0
Case 105	11	124,974,940	126,135,224	3	1	4	0
Case 105	11	126,135,259	126,208,232	2	1	3	0
Case 105	11	126,208,378	134,934,063	3	1	4	0
Case 105	12	191,619	34,340,168	3	0	3	1
Case 105	12	34,362,752	34,853,011	2	0	2	1
Case 105	12	37,876,400	38,528,487	2	0	2	1
Case 105	12	38,529,491	55,042,039	3	0	3	1
Case 105	12	55,042,807	56,693,981	4	0	4	1
Case 105	12	56,699,623	56,995,907	3	0	3	1
Case 105	12	56,996,002	57,849,921	4	0	4	1
Case 105	12	57,849,931	58,062,667	3	0	3	1
Case 105	12	58,069,107	61,034,074	2	0	2	1
Case 105	12	61,049,683	133,810,935	3	0	3	1
Case 105	13	19,058,717	24,104,388	2	1	3	0
Case 105	13	24,108,468	24,108,468	4	1	5	0
Case 105	13	24,115,563	24,734,112	5	1	6	0
Case 105	13	24,736,246	24,741,868	3	1	4	0
Case 105	13	24,742,169	29,979,193	5	0	5	1
Case 105	13	29,984,937	30,102,167	4	1	5	0
Case 105	13	30,102,673	31,174,248	5	1	6	0
Case 105	13	31,177,774	31,484,608	4	1	5	0
Case 105	13	31,485,741	32,313,822	5	1	6	0
Case 105	13	32,319,994	35,290,618	4	1	5	0
Case 105	13	35,293,236	36,006,414	5	1	6	0
Case 105	13	36,006,522	36,011,882	3	1	4	0
Case 105	13	36,014,991	46,190,337	4	1	5	0
Case 105	13	46,215,347	73,290,464	1	1	2	0
Case 105	13	73,292,244	80,273,590	4	1	5	0
Case 105	13	80,276,438	82,819,766	5	1	6	0
Case 105	13	82,843,205	82,869,170	3	1	4	0
Case 105	13	82,869,193	84,591,862	4	1	5	0
Case 105	13	84,606,422	96,915,624	3	1	4	0
Case 105	13	96,923,659	103,862,936	1	1	2	0
Case 105	13	103,865,749	105,275,930	3	1	4	0
Case 105	13	105,279,219	108,469,995	1	1	2	0
Case 105	13	108,470,487	115,103,529	2	1	3	0
Case 105	14	19,280,733	20,425,051	2	1	3	0
Case 105	14	20,426,742	22,410,026	2	2	4	0
Case 105	14	22,411,348	22,953,495	3	2	5	0
Case 105	14	22,953,607	84,963,074	2	2	4	0
Case 105	14	84,973,292	86,164,512	2	1	3	0
Case 105	14	86,167,611	87,029,965	2	2	4	0
Case 105	14	87,031,156	95,116,292	2	1	3	0
Case 105	14	95,116,465	95,363,904	2	2	4	0
Case 105	14	95,364,090	96,016,064	2	1	3	0
Case 105	14	96,016,792	96,422,745	2	2	4	0
Case 105	14	96,425,780	99,197,274	2	1	3	0
Case 105	14	99,198,268	99,474,098	2	2	4	0
Case 105	14	99,474,165	107,287,663	2	1	3	0
Case 105	15	20,034,919	20,612,840	4	1	5	0

Case 105	15	21,903,815	22,410,067	3	1	4	0
Case 105	15	22,427,966	22,652,330	4	1	5	0
Case 105	15	22,750,305	25,293,761	5	1	6	0
Case 105	15	25,298,774	25,330,885	3	1	4	0
Case 105	15	25,332,118	25,774,277	4	2	6	0
Case 105	15	25,775,992	25,775,992	2	0	2	1
Case 105	15	25,779,613	26,076,458	2	2	4	0
Case 105	15	26,080,362	26,088,544	2	1	3	0
Case 105	15	26,093,401	27,742,401	4	1	5	0
Case 105	15	27,744,850	27,892,111	3	1	4	0
Case 105	15	27,892,254	29,399,597	2	2	4	0
Case 105	15	29,400,531	32,250,155	3	2	5	0
Case 105	15	32,251,479	32,251,479	2	2	4	0
Case 105	15	32,257,407	32,257,407	2	1	3	0
Case 105	15	32,257,903	33,282,673	4	1	5	0
Case 105	15	33,287,881	33,661,286	5	1	6	0
Case 105	15	33,665,422	33,836,630	2	0	2	1
Case 105	15	33,838,470	34,133,047	5	1	6	0
Case 105	15	34,133,130	34,136,056	3	1	4	0
Case 105	15	34,139,292	34,198,564	2	1	3	0
Case 105	15	34,203,347	34,667,075	4	1	5	0
Case 105	15	34,671,124	34,671,124	5	1	6	0
Case 105	15	34,718,594	34,760,648	4	1	5	0
Case 105	15	34,761,495	36,287,828	5	1	6	0
Case 105	15	36,290,481	36,336,078	3	1	4	0
Case 105	15	36,342,453	36,715,506	7	0	7	1
Case 105	15	36,719,135	36,719,135	3	1	4	0
Case 105	15	36,720,037	58,440,194	2	0	2	1
Case 105	15	58,442,332	58,685,642	3	0	3	1
Case 105	15	58,685,970	59,467,146	2	0	2	1
Case 105	15	59,476,088	59,771,962	3	0	3	1
Case 105	15	59,773,635	61,339,261	2	0	2	1
Case 105	15	61,348,204	61,474,991	3	0	3	1
Case 105	15	61,479,586	64,844,372	2	0	2	1
Case 105	15	64,895,319	65,155,528	4	1	5	0
Case 105	15	65,157,203	66,530,480	5	1	6	0
Case 105	15	66,530,732	66,537,997	3	1	4	0
Case 105	15	66,547,641	68,058,903	4	1	5	0
Case 105	15	68,060,179	68,468,845	3	1	4	0
Case 105	15	68,471,891	68,643,740	2	0	2	1
Case 105	15	68,649,516	68,677,576	2	2	4	0
Case 105	15	68,679,181	69,388,926	3	2	5	0
Case 105	15	69,389,283	69,399,556	2	2	4	0
Case 105	15	69,407,702	69,407,702	2	1	3	0
Case 105	15	69,407,804	69,590,143	2	0	2	1
Case 105	15	69,596,069	70,181,548	4	1	5	0
Case 105	15	70,183,135	70,207,077	3	1	4	0
Case 105	15	70,208,145	70,319,066	2	0	2	1
Case 105	15	70,332,807	70,818,373	4	1	5	0
Case 105	15	70,819,162	70,828,940	3	1	4	0
Case 105	15	70,832,792	78,384,669	2	0	2	1
Case 105	15	78,386,540	78,697,463	5	1	6	0
Case 105	15	78,698,759	78,750,549	3	1	4	0
Case 105	15	78,757,624	78,832,792	4	1	5	0
Case 105	15	78,833,223	79,058,687	5	1	6	0
Case 105	15	79,059,376	79,064,170	6	1	7	0
Case 105	15	79,066,967	79,082,364	3	1	4	0
Case 105	15	79,082,431	81,592,746	6	1	7	0
Case 105	15	81,592,802	81,593,811	5	1	6	0
Case 105	15	81,595,991	81,633,832	4	1	5	0
Case 105	15	81,634,574	83,588,703	5	1	6	0

Case 105	15	83,588,895	83,588,895	7	0	7	1
Case 105	15	83,603,563	83,611,095	3	1	4	0
Case 105	15	83,615,274	84,019,603	7	0	7	1
Case 105	15	84,041,308	84,166,601	4	1	5	0
Case 105	15	84,167,184	85,142,647	5	1	6	0
Case 105	15	85,143,277	85,147,499	3	1	4	0
Case 105	15	85,149,771	85,494,062	4	1	5	0
Case 105	15	85,494,147	86,273,886	5	1	6	0
Case 105	15	86,278,309	86,288,387	3	1	4	0
Case 105	15	86,288,596	87,014,969	4	1	5	0
Case 105	15	87,027,314	91,395,711	5	1	6	0
Case 105	15	91,404,788	91,416,550	3	1	4	0
Case 105	15	91,416,605	91,596,901	4	1	5	0
Case 105	15	91,599,600	92,517,358	5	1	6	0
Case 105	15	92,518,451	92,520,524	3	1	4	0
Case 105	15	92,522,306	96,276,516	6	1	7	0
Case 105	15	96,283,395	96,307,034	4	1	5	0
Case 105	15	96,307,358	98,253,294	5	1	6	0
Case 105	15	98,253,818	98,253,818	3	1	4	0
Case 105	15	98,255,991	100,512,047	6	1	7	0
Case 105	15	100,513,707	100,516,256	4	1	5	0
Case 105	15	100,516,333	102,461,162	5	1	6	0
Case 105	16	88,165	5,143,537	2	2	4	0
Case 105	16	5,145,230	5,632,234	3	2	5	0
Case 105	16	5,632,482	6,879,217	2	2	4	0
Case 105	16	6,879,583	7,250,270	3	2	5	0
Case 105	16	7,251,931	10,059,007	2	2	4	0
Case 105	16	10,059,826	10,268,330	3	2	5	0
Case 105	16	10,273,981	16,911,160	2	2	4	0
Case 105	16	16,912,004	17,127,423	3	2	5	0
Case 105	16	17,132,437	19,280,235	2	2	4	0
Case 105	16	19,280,924	19,355,577	3	2	5	0
Case 105	16	19,355,747	24,288,512	2	2	4	0
Case 105	16	24,288,752	24,440,046	3	2	5	0
Case 105	16	24,446,533	25,547,673	2	2	4	0
Case 105	16	25,548,877	25,667,914	3	2	5	0
Case 105	16	25,669,862	33,557,021	2	2	4	0
Case 105	16	33,836,510	35,285,582	2	1	3	0
Case 105	16	46,450,037	90,274,695	2	1	3	0
Case 105	17	11,885	22,242,355	3	0	3	1
Case 105	17	25,268,142	25,346,692	3	0	3	1
Case 105	17	25,350,029	34,476,396	3	1	4	0
Case 105	17	34,597,521	34,994,977	2	1	3	0
Case 105	17	35,002,667	36,194,230	3	1	4	0
Case 105	17	36,195,934	36,491,033	2	1	3	0
Case 105	17	36,492,448	37,777,235	3	1	4	0
Case 105	17	37,781,849	37,863,339	2	1	3	0
Case 105	17	37,863,708	40,915,557	3	1	4	0
Case 105	17	40,919,959	41,167,957	2	1	3	0
Case 105	17	41,168,330	41,361,960	3	1	4	0
Case 105	17	41,362,022	41,611,269	2	1	3	0
Case 105	17	41,615,830	42,361,360	3	1	4	0
Case 105	17	42,364,996	43,003,522	2	1	3	0
Case 105	17	43,005,655	48,594,690	3	1	4	0
Case 105	17	48,594,691	48,765,064	2	1	3	0
Case 105	17	48,768,515	57,208,921	3	1	4	0
Case 105	17	57,210,721	57,487,538	2	1	3	0
Case 105	17	57,489,366	61,959,740	3	1	4	0
Case 105	17	61,963,172	62,049,740	2	1	3	0
Case 105	17	62,049,954	64,638,001	3	1	4	0
Case 105	17	64,638,134	65,052,356	2	1	3	0



Case 105	17	65,052,396	71,164,376	3	1	4	0
Case 105	17	71,165,470	71,282,050	2	1	3	0
Case 105	17	71,282,243	72,227,040	3	1	4	0
Case 105	17	72,227,077	72,462,881	2	1	3	0
Case 105	17	72,467,868	72,838,813	3	1	4	0
Case 105	17	72,839,647	73,000,053	2	1	3	0
Case 105	17	73,000,061	73,494,963	3	1	4	0
Case 105	17	73,495,025	73,753,305	2	1	3	0
Case 105	17	73,753,310	73,888,407	3	1	4	0
Case 105	17	73,888,437	74,260,758	2	1	3	0
Case 105	17	74,262,426	74,300,497	3	1	4	0
Case 105	17	74,300,534	74,622,774	2	1	3	0
Case 105	17	74,623,273	76,404,655	3	1	4	0
Case 105	17	76,410,977	76,491,127	2	1	3	0
Case 105	17	76,491,194	76,528,660	3	1	4	0
Case 105	17	76,528,754	76,853,714	3	0	3	1
Case 105	17	76,862,105	77,381,431	3	1	4	0
Case 105	17	77,383,561	78,444,750	2	1	3	0
Case 105	17	78,444,948	79,139,164	3	1	4	0
Case 105	17	79,145,891	80,560,494	3	0	3	1
Case 105	17	80,561,324	81,060,040	3	1	4	0
Case 105	18	87,505	669,087	4	0	4	1
Case 105	18	669,117	1,487,818	5	0	5	1
Case 105	18	1,487,972	1,815,516	3	1	4	0
Case 105	18	1,817,362	1,826,417	2	1	3	0
Case 105	18	1,829,374	5,391,181	5	0	5	1
Case 105	18	5,395,098	5,398,134	3	1	4	0
Case 105	18	5,405,326	9,026,488	4	0	4	1
Case 105	18	9,029,580	9,047,864	2	1	3	0
Case 105	18	9,047,881	11,687,569	5	0	5	1
Case 105	18	11,688,979	11,746,708	3	1	4	0
Case 105	18	11,748,216	13,643,392	4	0	4	1
Case 105	18	13,645,156	13,649,281	2	1	3	0
Case 105	18	13,655,146	15,102,421	5	0	5	1
Case 105	18	15,249,516	15,375,878	3	1	4	0
Case 105	18	18,520,354	19,578,355	3	0	3	1
Case 105	18	19,585,607	21,776,090	4	0	4	1
Case 105	18	21,782,869	56,133,165	2	0	2	1
Case 105	18	56,138,943	56,204,768	3	0	3	1
Case 105	18	56,204,832	56,486,638	2	0	2	1
Case 105	18	56,495,790	56,685,232	3	0	3	1
Case 105	18	56,688,070	78,015,180	2	0	2	1
Case 105	19	260,912	16,001,215	2	0	2	1
Case 105	19	16,001,389	16,025,439	3	0	3	1
Case 105	19	16,025,633	24,629,285	2	0	2	1
Case 105	19	27,732,159	27,862,694	2	0	2	1
Case 105	19	27,919,724	28,497,681	2	1	3	0
Case 105	19	28,511,434	29,038,401	2	2	4	0
Case 105	19	29,044,209	29,336,664	2	1	3	0
Case 105	19	29,340,372	31,764,851	2	2	4	0
Case 105	19	31,767,465	32,011,548	2	1	3	0
Case 105	19	32,012,510	33,013,506	2	2	4	0
Case 105	19	33,014,643	33,324,223	2	1	3	0
Case 105	19	33,329,144	35,439,590	2	2	4	0
Case 105	19	35,448,803	35,633,635	2	1	3	0
Case 105	19	35,635,897	36,204,690	2	2	4	0
Case 105	19	36,206,050	38,456,823	2	1	3	0
Case 105	19	38,460,797	38,851,455	2	2	4	0
Case 105	19	38,852,346	39,119,494	2	1	3	0
Case 105	19	39,122,923	39,784,072	2	2	4	0
Case 105	19	39,785,877	39,915,884	2	1	3	0

Case 105	19	39,915,896	40,176,836	2	2	4	0
Case 105	19	40,182,595	41,341,589	2	1	3	0
Case 105	19	41,350,895	41,379,148	2	0	2	1
Case 105	19	41,382,476	41,716,271	2	2	4	0
Case 105	19	41,721,831	41,944,313	2	1	3	0
Case 105	19	41,945,795	42,383,114	2	2	4	0
Case 105	19	42,383,168	43,284,120	2	1	3	0
Case 105	19	43,285,368	43,954,915	2	2	4	0
Case 105	19	43,955,114	44,636,749	2	1	3	0
Case 105	19	44,636,802	45,254,566	2	2	4	0
Case 105	19	45,256,947	45,916,985	2	1	3	0
Case 105	19	45,916,986	46,221,726	2	2	4	0
Case 105	19	46,233,548	46,320,082	2	1	3	0
Case 105	19	46,322,585	47,257,481	2	2	4	0
Case 105	19	47,258,942	47,920,565	2	1	3	0
Case 105	19	47,920,571	48,215,633	2	2	4	0
Case 105	19	48,216,792	48,475,932	2	1	3	0
Case 105	19	48,478,110	48,789,612	2	2	4	0
Case 105	19	48,789,663	49,392,867	2	1	3	0
Case 105	19	49,392,882	49,651,989	2	2	4	0
Case 105	19	49,652,888	51,254,550	2	1	3	0
Case 105	19	51,259,660	51,614,461	2	2	4	0
Case 105	19	51,619,559	52,000,151	2	1	3	0
Case 105	19	52,000,181	52,353,834	2	2	4	0
Case 105	19	52,356,791	52,658,547	2	1	3	0
Case 105	19	52,659,362	52,887,390	2	2	4	0
Case 105	19	52,887,427	53,116,643	2	1	3	0
Case 105	19	53,116,700	53,311,563	2	2	4	0
Case 105	19	53,332,039	53,358,889	3	2	5	0
Case 105	19	53,363,030	54,551,282	2	2	4	0
Case 105	19	54,553,697	54,974,084	2	1	3	0
Case 105	19	54,974,318	55,559,715	2	2	4	0
Case 105	19	55,559,740	55,903,103	2	1	3	0
Case 105	19	55,904,593	56,369,778	2	2	4	0
Case 105	19	56,369,908	56,539,199	2	1	3	0
Case 105	19	56,539,224	57,279,391	2	2	4	0
Case 105	19	57,281,577	57,396,250	2	1	3	0
Case 105	19	57,398,148	57,487,497	2	2	4	0
Case 105	19	57,487,513	58,601,570	2	1	3	0
Case 105	19	58,601,645	58,708,730	2	2	4	0
Case 105	19	58,714,235	59,097,160	2	1	3	0
Case 105	20	63,244	1,676,943	3	1	4	0
Case 105	20	1,678,188	2,015,506	4	1	5	0
Case 105	20	2,017,767	3,354,787	3	1	4	0
Case 105	20	3,356,886	3,520,496	4	1	5	0
Case 105	20	3,520,704	4,091,972	3	1	4	0
Case 105	20	4,093,252	4,302,473	4	1	5	0
Case 105	20	4,307,245	4,444,161	3	1	4	0
Case 105	20	4,444,527	4,593,976	4	1	5	0
Case 105	20	4,594,466	5,393,787	3	1	4	0
Case 105	20	5,395,483	5,843,479	4	1	5	0
Case 105	20	5,843,672	6,033,379	3	1	4	0
Case 105	20	6,034,532	7,692,889	4	1	5	0
Case 105	20	7,694,050	7,955,347	3	1	4	0
Case 105	20	7,957,766	10,393,439	4	1	5	0
Case 105	20	10,393,747	10,897,878	3	1	4	0
Case 105	20	10,898,466	12,039,845	4	1	5	0
Case 105	20	12,039,984	12,642,152	3	1	4	0
Case 105	20	12,643,234	13,302,241	4	1	5	0
Case 105	20	13,306,386	14,054,163	3	1	4	0
Case 105	20	14,055,947	14,550,380	4	1	5	0

Case 105	20	14,553,745	15,028,034	3	1	4	0
Case 105	20	15,028,962	15,367,873	4	1	5	0
Case 105	20	15,368,919	15,655,604	3	1	4	0
Case 105	20	15,657,202	15,873,776	4	1	5	0
Case 105	20	15,874,325	15,971,797	3	1	4	0
Case 105	20	15,973,949	16,170,867	4	1	5	0
Case 105	20	16,172,267	16,376,473	3	1	4	0
Case 105	20	16,381,626	16,716,075	4	1	5	0
Case 105	20	16,716,344	17,693,261	3	1	4	0
Case 105	20	17,695,725	17,787,845	4	1	5	0
Case 105	20	17,789,528	18,471,623	3	1	4	0
Case 105	20	18,473,796	18,899,166	4	1	5	0
Case 105	20	18,902,228	19,319,384	3	1	4	0
Case 105	20	19,319,846	19,716,093	4	1	5	0
Case 105	20	19,716,602	21,223,410	3	1	4	0
Case 105	20	21,223,663	21,775,783	4	1	5	0
Case 105	20	21,776,735	22,367,048	3	1	4	0
Case 105	20	22,371,671	22,880,315	4	1	5	0
Case 105	20	22,887,257	23,433,602	3	1	4	0
Case 105	20	23,442,042	23,578,674	4	1	5	0
Case 105	20	23,583,023	24,524,692	3	1	4	0
Case 105	20	24,526,724	24,790,404	4	1	5	0
Case 105	20	24,794,975	26,293,985	3	1	4	0
Case 105	20	29,425,357	36,221,744	3	1	4	0
Case 105	20	36,222,184	36,560,076	4	1	5	0
Case 105	20	36,560,124	37,713,976	3	1	4	0
Case 105	20	37,722,023	39,617,398	4	1	5	0
Case 105	20	39,623,283	40,373,810	3	1	4	0
Case 105	20	40,380,068	40,583,920	4	1	5	0
Case 105	20	40,585,492	41,718,596	3	1	4	0
Case 105	20	41,721,166	41,862,171	4	1	5	0
Case 105	20	41,868,791	45,434,399	3	1	4	0
Case 105	20	45,449,779	45,769,206	4	1	5	0
Case 105	20	45,770,401	46,400,713	3	1	4	0
Case 105	20	46,401,555	48,497,473	3	2	5	0
Case 105	20	48,499,609	50,131,999	3	1	4	0
Case 105	20	50,133,423	51,840,634	3	2	5	0
Case 105	20	51,848,072	51,924,075	2	2	4	0
Case 105	20	51,924,497	54,611,746	3	2	5	0
Case 105	20	54,616,061	54,818,630	2	2	4	0
Case 105	20	54,819,006	58,411,580	3	1	4	0
Case 105	20	58,413,101	58,456,076	4	1	5	0
Case 105	20	58,457,153	58,502,648	5	1	6	0
Case 105	20	58,511,286	58,897,358	3	1	4	0
Case 105	20	58,901,694	59,777,873	3	2	5	0
Case 105	20	59,778,412	59,836,962	2	2	4	0
Case 105	20	59,845,250	62,426,393	3	1	4	0
Case 105	20	62,468,726	62,948,788	2	2	4	0
Case 105	21	10,827,533	10,942,992	2	1	3	0
Case 105	21	10,970,025	10,971,337	1	1	2	0
Case 105	21	14,368,320	17,452,276	1	0	1	0
Case 105	21	17,459,301	24,768,759	1	1	2	0
Case 105	21	24,770,907	28,620,731	2	1	3	0
Case 105	21	28,626,945	34,907,024	1	1	2	0
Case 105	21	34,911,575	34,994,303	2	1	3	0
Case 105	21	34,997,018	35,984,463	1	1	2	0
Case 105	21	35,987,882	38,056,590	1	0	1	0
Case 105	21	38,061,129	39,628,198	2	0	2	1
Case 105	21	39,633,192	48,100,155	3	0	3	1
Case 105	22	16,114,244	17,443,678	4	0	4	1
Case 105	22	17,444,619	17,590,582	3	0	3	1

Case 105	22	17,590,607	17,990,852	4	0	4	1
Case 105	22	17,990,861	18,031,793	3	0	3	1
Case 105	22	18,031,817	18,596,449	4	0	4	1
Case 105	22	18,597,502	19,506,456	3	0	3	1
Case 105	22	19,506,717	23,262,360	4	0	4	1
Case 105	22	23,263,708	23,708,020	3	0	3	1
Case 105	22	23,708,833	24,001,094	4	0	4	1
Case 105	22	24,004,787	24,129,005	3	0	3	1
Case 105	22	24,133,570	24,562,961	4	0	4	1
Case 105	22	24,562,977	24,583,953	3	0	3	1
Case 105	22	24,584,027	30,639,834	4	0	4	1
Case 105	22	30,639,969	30,812,022	3	0	3	1
Case 105	22	30,813,424	32,554,985	4	0	4	1
Case 105	22	32,554,994	32,722,207	3	0	3	1
Case 105	22	32,722,963	32,914,049	4	0	4	1
Case 105	22	32,914,067	33,357,831	3	0	3	1
Case 105	22	33,363,420	33,748,362	4	0	4	1
Case 105	22	33,758,736	33,826,566	3	0	3	1
Case 105	22	33,828,243	33,832,148	3	1	4	0
Case 105	22	33,832,735	34,642,423	5	0	5	1
Case 105	22	34,645,357	34,646,980	3	1	4	0
Case 105	22	34,654,148	36,268,597	2	0	2	1
Case 105	22	36,272,637	36,447,564	3	0	3	1
Case 105	22	36,448,640	36,678,782	4	0	4	1
Case 105	22	36,678,809	36,943,544	3	0	3	1
Case 105	22	36,954,628	37,530,332	4	0	4	1
Case 105	22	37,531,375	37,603,390	3	0	3	1
Case 105	22	37,603,493	38,007,812	4	0	4	1
Case 105	22	38,009,241	38,481,311	3	0	3	1
Case 105	22	38,481,347	39,530,132	4	0	4	1
Case 105	22	39,530,471	39,794,434	3	0	3	1
Case 105	22	39,797,779	40,959,920	4	0	4	1
Case 105	22	40,971,703	42,000,133	3	0	3	1
Case 105	22	42,008,031	43,716,324	4	0	4	1
Case 105	22	43,716,971	43,936,229	3	0	3	1
Case 105	22	43,941,451	44,576,132	4	0	4	1
Case 105	22	44,576,655	44,628,068	3	0	3	1
Case 105	22	44,634,211	51,195,728	2	0	2	1
Case 106	1	82,154	2,473,258	1	1	2	0
Case 106	1	2,480,337	2,540,795	1	0	1	0
Case 106	1	2,541,133	5,114,102	1	1	2	0
Case 106	1	5,124,859	5,193,026	1	0	1	0
Case 106	1	5,195,371	5,240,211	2	0	2	1
Case 106	1	5,243,848	5,482,386	1	0	1	0
Case 106	1	5,485,177	5,558,726	2	0	2	1
Case 106	1	5,559,249	5,646,002	1	0	1	0
Case 106	1	5,646,264	5,747,184	2	0	2	1
Case 106	1	5,747,488	5,777,457	1	0	1	0
Case 106	1	5,777,920	8,000,797	1	1	2	0
Case 106	1	8,009,763	8,066,914	1	0	1	0
Case 106	1	8,073,398	8,074,094	2	0	2	1
Case 106	1	8,074,187	9,324,684	1	0	1	0
Case 106	1	9,324,716	9,489,972	2	0	2	1
Case 106	1	9,490,339	9,741,792	1	0	1	0
Case 106	1	9,746,248	11,190,698	1	1	2	0
Case 106	1	11,194,410	11,589,911	1	0	1	0
Case 106	1	11,589,972	11,718,797	2	0	2	1
Case 106	1	11,718,819	11,788,564	1	0	1	0
Case 106	1	11,794,553	11,983,517	1	1	2	0
Case 106	1	11,985,288	12,025,561	1	0	1	0
Case 106	1	12,025,599	12,069,725	2	0	2	1

Case 106	1	12,070,292	12,309,363	1	0	1	0
Case 106	1	12,313,827	12,337,888	2	0	2	1
Case 106	1	12,338,083	12,628,188	1	0	1	0
Case 106	1	12,628,440	12,682,855	2	0	2	1
Case 106	1	12,683,190	12,774,999	1	0	1	0
Case 106	1	12,775,851	12,786,363	2	0	2	1
Case 106	1	12,786,417	12,833,428	1	0	1	0
Case 106	1	12,835,144	12,921,278	2	0	2	1
Case 106	1	12,961,019	14,106,705	1	0	1	0
Case 106	1	14,107,112	14,162,023	2	0	2	1
Case 106	1	14,163,485	14,425,555	1	0	1	0
Case 106	1	14,426,751	14,447,657	2	0	2	1
Case 106	1	14,448,184	14,629,281	1	0	1	0
Case 106	1	14,629,413	14,677,729	2	0	2	1
Case 106	1	14,678,726	14,789,535	1	0	1	0
Case 106	1	14,790,075	15,208,212	2	0	2	1
Case 106	1	15,211,824	15,281,095	1	0	1	0
Case 106	1	15,283,217	15,330,300	2	0	2	1
Case 106	1	15,331,802	15,671,649	1	0	1	0
Case 106	1	15,674,269	15,752,716	2	0	2	1
Case 106	1	15,753,398	16,253,999	1	0	1	0
Case 106	1	16,254,702	16,260,692	2	0	2	1
Case 106	1	16,260,803	16,342,220	1	0	1	0
Case 106	1	16,343,694	16,442,908	2	0	2	1
Case 106	1	16,446,349	16,797,756	1	0	1	0
Case 106	1	16,814,994	17,249,173	2	0	2	1
Case 106	1	17,249,200	17,297,583	1	0	1	0
Case 106	1	17,299,727	17,303,652	2	0	2	1
Case 106	1	17,305,903	17,394,623	1	0	1	0
Case 106	1	17,394,775	17,550,121	2	0	2	1
Case 106	1	17,550,167	17,586,179	1	0	1	0
Case 106	1	17,588,162	17,601,266	2	0	2	1
Case 106	1	17,601,269	18,031,533	1	0	1	0
Case 106	1	18,033,499	18,438,930	2	0	2	1
Case 106	1	18,447,551	18,461,490	1	0	1	0
Case 106	1	18,467,153	18,566,065	2	0	2	1
Case 106	1	18,566,851	18,643,577	1	0	1	0
Case 106	1	18,643,632	18,807,117	2	0	2	1
Case 106	1	18,807,521	18,807,851	1	0	1	0
Case 106	1	18,807,938	18,808,292	2	0	2	1
Case 106	1	18,808,526	18,836,431	1	0	1	0
Case 106	1	18,839,126	19,062,163	2	0	2	1
Case 106	1	19,062,204	19,100,436	1	0	1	0
Case 106	1	19,102,509	19,175,593	2	0	2	1
Case 106	1	19,175,846	19,183,875	1	0	1	0
Case 106	1	19,184,075	19,201,071	2	0	2	1
Case 106	1	19,201,919	19,211,987	1	0	1	0
Case 106	1	19,212,051	19,344,501	2	0	2	1
Case 106	1	19,344,586	19,393,033	1	0	1	0
Case 106	1	19,400,626	19,415,254	2	0	2	1
Case 106	1	19,415,304	19,525,154	1	0	1	0
Case 106	1	19,525,294	25,889,633	1	1	2	0
Case 106	1	25,889,672	25,977,004	1	0	1	0
Case 106	1	25,981,789	26,106,769	2	0	2	1
Case 106	1	26,107,481	26,570,657	1	0	1	0
Case 106	1	26,570,744	26,582,075	2	0	2	1
Case 106	1	26,582,091	28,220,484	1	0	1	0
Case 106	1	28,223,519	28,882,973	1	1	2	0
Case 106	1	28,888,101	29,616,224	1	0	1	0
Case 106	1	29,616,318	41,702,942	1	1	2	0
Case 106	1	41,744,807	41,822,753	1	0	1	0

Case 106	1	41,830,257	41,878,988	2	0	2	1
Case 106	1	41,879,081	41,978,849	1	0	1	0
Case 106	1	41,978,890	42,408,070	2	0	2	1
Case 106	1	42,417,182	43,699,813	1	1	2	0
Case 106	1	43,704,023	43,773,117	1	0	1	0
Case 106	1	43,773,143	43,803,120	2	0	2	1
Case 106	1	43,803,600	43,805,698	1	0	1	0
Case 106	1	43,806,060	44,134,887	2	0	2	1
Case 106	1	44,137,257	44,319,373	1	0	1	0
Case 106	1	44,345,292	49,937,160	1	1	2	0
Case 106	1	49,949,006	53,153,432	2	1	3	0
Case 106	1	53,153,451	53,996,718	1	1	2	0
Case 106	1	53,999,509	54,121,818	2	1	3	0
Case 106	1	54,129,106	91,786,579	1	1	2	0
Case 106	1	91,788,735	91,850,744	2	0	2	1
Case 106	1	91,851,269	121,346,616	1	1	2	0
Case 106	1	142,649,718	158,123,284	1	1	2	0
Case 106	1	158,123,721	159,696,858	2	0	2	1
Case 106	1	159,696,910	166,362,651	1	1	2	0
Case 106	1	166,364,063	166,860,471	2	1	3	0
Case 106	1	166,882,737	174,552,811	1	1	2	0
Case 106	1	174,592,050	175,029,932	1	0	1	0
Case 106	1	175,033,141	175,852,209	1	1	2	0
Case 106	1	175,859,765	176,261,782	1	0	1	0
Case 106	1	176,271,944	177,237,533	1	1	2	0
Case 106	1	177,242,718	177,249,738	1	0	1	0
Case 106	1	177,250,197	177,745,454	2	0	2	1
Case 106	1	177,748,866	177,899,699	1	1	2	0
Case 106	1	177,900,098	177,906,507	1	0	1	0
Case 106	1	177,906,621	178,491,966	2	0	2	1
Case 106	1	178,492,635	178,976,731	1	0	1	0
Case 106	1	178,984,086	179,042,227	2	0	2	1
Case 106	1	179,042,270	179,317,069	1	0	1	0
Case 106	1	179,319,580	179,339,113	1	1	2	0
Case 106	1	179,339,334	179,831,248	1	0	1	0
Case 106	1	179,832,643	179,989,584	1	1	2	0
Case 106	1	179,990,027	180,062,586	1	0	1	0
Case 106	1	180,062,624	180,124,872	1	1	2	0
Case 106	1	180,126,141	180,138,318	1	0	1	0
Case 106	1	180,138,800	180,236,235	1	1	2	0
Case 106	1	180,238,442	180,904,714	1	0	1	0
Case 106	1	180,904,951	181,299,951	2	0	2	1
Case 106	1	181,300,447	181,358,407	1	0	1	0
Case 106	1	181,359,880	187,183,135	1	1	2	0
Case 106	1	187,196,272	236,189,209	2	1	3	0
Case 106	1	236,189,278	236,265,665	1	1	2	0
Case 106	1	236,269,814	239,570,932	2	1	3	0
Case 106	1	239,574,661	239,962,686	1	1	2	0
Case 106	1	239,970,097	247,404,911	2	1	3	0
Case 106	1	247,412,899	247,503,507	1	1	2	0
Case 106	1	247,507,887	249,218,992	2	1	3	0
Case 106	2	18,674	252,197	1	0	1	0
Case 106	2	263,270	309,480	2	0	2	1
Case 106	2	312,992	371,148	1	0	1	0
Case 106	2	374,086	504,767	2	0	2	1
Case 106	2	505,759	943,250	1	0	1	0
Case 106	2	949,196	973,232	2	0	2	1
Case 106	2	974,720	1,244,060	1	0	1	0
Case 106	2	1,251,198	45,180,150	2	0	2	1
Case 106	2	45,185,224	45,300,029	3	0	3	1
Case 106	2	45,311,319	92,081,640	2	0	2	1

Case 106	2	95,429,424	236,715,883	2	0	2	1
Case 106	2	236,715,907	237,100,952	1	0	1	0
Case 106	2	237,102,477	237,151,098	2	0	2	1
Case 106	2	237,156,549	237,229,834	1	0	1	0
Case 106	2	237,233,178	237,314,747	2	0	2	1
Case 106	2	237,327,841	237,403,115	1	0	1	0
Case 106	2	237,405,689	237,683,005	2	0	2	1
Case 106	2	237,690,418	237,720,634	1	0	1	0
Case 106	2	237,723,694	237,851,380	2	0	2	1
Case 106	2	237,857,351	237,933,966	1	0	1	0
Case 106	2	237,943,585	238,296,513	2	0	2	1
Case 106	2	238,296,531	238,419,398	1	0	1	0
Case 106	2	238,419,645	238,427,266	2	0	2	1
Case 106	2	238,430,224	238,664,765	1	0	1	0
Case 106	2	238,668,716	238,694,777	2	0	2	1
Case 106	2	238,697,636	239,211,380	1	0	1	0
Case 106	2	239,215,687	239,237,879	2	0	2	1
Case 106	2	239,237,953	239,328,519	1	0	1	0
Case 106	2	239,336,492	240,025,761	2	0	2	1
Case 106	2	240,030,484	240,260,505	1	0	1	0
Case 106	2	240,262,287	240,333,979	2	0	2	1
Case 106	2	240,336,735	240,397,644	1	0	1	0
Case 106	2	240,399,614	240,443,992	2	0	2	1
Case 106	2	240,445,491	240,482,934	1	0	1	0
Case 106	2	240,484,543	240,520,878	2	0	2	1
Case 106	2	240,524,052	240,632,788	1	0	1	0
Case 106	2	240,634,587	240,886,298	2	0	2	1
Case 106	2	240,888,514	241,083,287	3	0	3	1
Case 106	2	241,085,044	242,322,667	2	0	2	1
Case 106	2	242,344,333	243,048,760	1	0	1	0
Case 106	3	61,495	30,129,784	2	0	2	1
Case 106	3	30,134,493	30,361,276	3	0	3	1
Case 106	3	30,362,472	60,310,790	2	0	2	1
Case 106	3	60,315,708	60,594,367	0	0	0	0
Case 106	3	60,595,403	75,012,674	2	0	2	1
Case 106	3	75,051,562	75,785,358	0	0	0	0
Case 106	3	75,786,288	75,790,472	2	0	2	1
Case 106	3	75,790,880	77,650,799	0	0	0	0
Case 106	3	77,651,417	77,651,417	2	0	2	1
Case 106	3	77,651,445	77,666,778	1	0	1	0
Case 106	3	77,668,346	90,442,925	0	0	0	0
Case 106	3	93,537,290	94,766,856	2	0	2	1
Case 106	3	94,772,205	95,851,156	0	0	0	0
Case 106	3	95,861,229	108,549,720	2	0	2	1
Case 106	3	108,552,960	108,570,300	1	0	1	0
Case 106	3	108,570,396	110,794,064	2	0	2	1
Case 106	3	110,794,998	112,269,287	1	0	1	0
Case 106	3	112,282,323	197,838,262	2	0	2	1
Case 106	4	71,566	628,493	1	0	1	0
Case 106	4	628,589	673,778	2	0	2	1
Case 106	4	673,807	1,024,287	1	0	1	0
Case 106	4	1,024,752	1,164,318	2	0	2	1
Case 106	4	1,164,864	1,210,654	1	0	1	0
Case 106	4	1,224,648	1,338,618	2	0	2	1
Case 106	4	1,339,875	1,343,556	1	0	1	0
Case 106	4	1,345,557	1,379,691	2	0	2	1
Case 106	4	1,380,848	3,318,100	1	0	1	0
Case 106	4	3,318,199	3,430,406	2	0	2	1
Case 106	4	3,430,862	3,491,419	1	0	1	0
Case 106	4	3,491,504	3,923,728	2	0	2	1
Case 106	4	3,935,145	4,645,158	1	0	1	0

Case 106	4	4,651,063	4,852,354	2	0	2	1
Case 106	4	4,852,867	4,908,281	1	0	1	0
Case 106	4	4,911,642	5,014,223	2	0	2	1
Case 106	4	5,015,167	5,426,224	1	0	1	0
Case 106	4	5,427,691	5,480,337	2	0	2	1
Case 106	4	5,499,335	5,747,072	1	0	1	0
Case 106	4	5,749,784	5,785,351	2	0	2	1
Case 106	4	5,785,442	5,803,735	1	0	1	0
Case 106	4	5,803,903	5,975,174	2	0	2	1
Case 106	4	5,975,538	6,000,691	1	0	1	0
Case 106	4	6,002,830	6,303,878	2	0	2	1
Case 106	4	6,303,955	6,324,246	1	0	1	0
Case 106	4	6,324,647	6,575,960	2	0	2	1
Case 106	4	6,577,023	6,610,668	1	0	1	0
Case 106	4	6,610,905	6,628,640	2	0	2	1
Case 106	4	6,630,195	6,663,319	1	0	1	0
Case 106	4	6,670,315	6,771,474	2	0	2	1
Case 106	4	6,776,212	6,937,984	1	0	1	0
Case 106	4	6,941,375	7,084,858	2	0	2	1
Case 106	4	7,084,985	7,142,427	1	0	1	0
Case 106	4	7,142,868	7,432,402	2	0	2	1
Case 106	4	7,432,577	7,441,323	1	0	1	0
Case 106	4	7,442,126	8,220,029	2	0	2	1
Case 106	4	8,220,400	8,239,242	1	0	1	0
Case 106	4	8,239,318	8,292,827	2	0	2	1
Case 106	4	8,293,163	8,401,372	1	0	1	0
Case 106	4	8,401,375	8,451,460	2	0	2	1
Case 106	4	8,451,559	8,498,456	1	0	1	0
Case 106	4	8,503,281	8,562,668	2	0	2	1
Case 106	4	8,566,213	8,607,587	1	0	1	0
Case 106	4	8,607,757	8,621,123	2	0	2	1
Case 106	4	8,621,172	8,687,075	1	0	1	0
Case 106	4	8,694,389	9,394,090	2	0	2	1
Case 106	4	9,404,812	9,765,875	1	0	1	0
Case 106	4	9,766,749	9,829,086	2	0	2	1
Case 106	4	9,832,512	9,996,661	1	0	1	0
Case 106	4	9,996,890	10,344,431	2	0	2	1
Case 106	4	10,350,765	10,446,707	1	0	1	0
Case 106	4	10,446,725	10,465,712	2	0	2	1
Case 106	4	10,475,280	10,551,560	1	0	1	0
Case 106	4	10,554,478	10,621,516	2	0	2	1
Case 106	4	10,626,314	10,689,292	1	0	1	0
Case 106	4	10,690,043	10,740,267	2	0	2	1
Case 106	4	10,744,548	11,267,586	1	0	1	0
Case 106	4	11,273,101	11,373,795	2	0	2	1
Case 106	4	11,380,054	11,625,588	1	0	1	0
Case 106	4	11,628,238	11,755,497	2	0	2	1
Case 106	4	11,759,562	13,600,910	1	0	1	0
Case 106	4	13,600,953	13,605,618	2	0	2	1
Case 106	4	13,605,733	15,738,370	1	0	1	0
Case 106	4	15,738,795	15,780,233	2	0	2	1
Case 106	4	15,791,464	15,895,791	1	0	1	0
Case 106	4	15,896,088	15,964,090	2	0	2	1
Case 106	4	15,964,134	15,972,905	1	0	1	0
Case 106	4	15,975,839	15,992,916	2	0	2	1
Case 106	4	15,994,002	16,019,985	1	0	1	0
Case 106	4	16,020,034	16,163,486	2	0	2	1
Case 106	4	16,164,230	16,677,557	1	0	1	0
Case 106	4	16,680,651	16,822,918	2	0	2	1
Case 106	4	16,823,900	23,797,000	1	0	1	0
Case 106	4	23,797,521	23,815,924	2	0	2	1



Case 106	4	23,816,001	24,229,043	1	0	1	0
Case 106	4	24,230,323	24,255,842	2	0	2	1
Case 106	4	24,256,292	24,315,694	1	0	1	0
Case 106	4	24,316,984	24,455,932	2	0	2	1
Case 106	4	24,456,779	24,991,618	1	0	1	0
Case 106	4	24,992,827	25,062,976	2	0	2	1
Case 106	4	25,065,147	25,707,422	1	0	1	0
Case 106	4	25,717,754	25,734,246	0	0	0	0
Case 106	4	25,740,206	25,744,431	2	0	2	1
Case 106	4	25,745,088	25,942,460	1	0	1	0
Case 106	4	25,942,592	26,028,187	2	0	2	1
Case 106	4	26,028,805	38,204,133	1	0	1	0
Case 106	4	38,205,831	38,238,718	2	0	2	1
Case 106	4	38,241,220	38,513,691	1	0	1	0
Case 106	4	38,514,293	38,627,337	2	0	2	1
Case 106	4	38,644,050	49,109,992	1	0	1	0
Case 106	4	49,513,783	49,620,898	2	0	2	1
Case 106	4	52,697,856	141,219,784	2	0	2	1
Case 106	4	141,227,577	141,484,281	1	0	1	0
Case 106	4	141,484,496	141,499,558	2	0	2	1
Case 106	4	141,500,395	142,009,392	1	0	1	0
Case 106	4	142,011,361	142,142,729	2	0	2	1
Case 106	4	142,143,607	148,277,011	1	0	1	0
Case 106	4	148,280,874	151,349,664	2	0	2	1
Case 106	4	151,356,081	152,379,820	1	0	1	0
Case 106	4	152,401,909	152,682,110	2	0	2	1
Case 106	4	152,682,805	153,896,691	1	0	1	0
Case 106	4	153,896,780	153,899,573	2	0	2	1
Case 106	4	153,899,658	153,936,488	1	0	1	0
Case 106	4	153,938,095	153,969,414	2	0	2	1
Case 106	4	153,970,416	155,129,517	1	0	1	0
Case 106	4	155,132,707	164,230,540	2	0	2	1
Case 106	4	164,242,092	164,357,974	3	0	3	1
Case 106	4	164,362,850	185,346,090	2	0	2	1
Case 106	4	185,348,916	185,363,829	1	0	1	0
Case 106	4	185,369,452	185,481,019	0	0	0	0
Case 106	4	185,482,878	190,963,766	2	0	2	1
Case 106	5	38,139	45,983,680	3	0	3	1
Case 106	5	45,988,948	46,399,093	2	0	2	1
Case 106	5	49,457,282	54,880,701	2	0	2	1
Case 106	5	54,904,720	55,005,408	3	0	3	1
Case 106	5	55,010,963	55,593,724	2	0	2	1
Case 106	5	55,593,735	55,841,462	3	0	3	1
Case 106	5	55,847,019	65,016,573	2	0	2	1
Case 106	5	65,037,451	66,492,412	1	0	1	0
Case 106	5	66,492,707	66,532,920	2	0	2	1
Case 106	5	66,534,837	67,562,930	1	0	1	0
Case 106	5	67,563,348	67,586,574	2	0	2	1
Case 106	5	67,587,434	67,729,637	1	0	1	0
Case 106	5	67,732,517	67,768,380	2	0	2	1
Case 106	5	67,770,083	71,230,022	1	0	1	0
Case 106	5	71,230,743	71,338,668	2	0	2	1
Case 106	5	71,345,282	71,457,028	1	0	1	0
Case 106	5	71,462,632	71,496,159	2	0	2	1
Case 106	5	71,496,419	71,716,928	1	0	1	0
Case 106	5	71,717,605	71,757,248	2	0	2	1
Case 106	5	71,757,266	72,419,041	1	0	1	0
Case 106	5	72,419,251	72,698,328	2	0	2	1
Case 106	5	72,709,904	73,218,861	1	0	1	0
Case 106	5	73,218,954	73,802,976	2	0	2	1
Case 106	5	73,805,765	75,164,644	1	0	1	0

Case 106	5	75,174,598	75,304,492	2	0	2	1
Case 106	5	75,305,574	76,359,024	1	0	1	0
Case 106	5	76,359,042	76,423,967	2	0	2	1
Case 106	5	76,425,867	79,024,734	1	0	1	0
Case 106	5	79,024,747	79,027,379	2	0	2	1
Case 106	5	79,027,405	87,495,504	1	0	1	0
Case 106	5	87,498,849	87,516,519	2	0	2	1
Case 106	5	87,530,253	89,949,229	1	0	1	0
Case 106	5	89,949,325	89,979,750	2	0	2	1
Case 106	5	89,979,824	89,988,504	1	0	1	0
Case 106	5	89,988,549	89,990,440	2	0	2	1
Case 106	5	89,990,447	91,322,648	1	0	1	0
Case 106	5	91,334,299	180,693,127	2	0	2	1
Case 106	6	108,666	34,613,630	2	0	2	1
Case 106	6	34,617,144	35,096,933	1	0	1	0
Case 106	6	35,100,416	35,118,236	2	0	2	1
Case 106	6	35,124,480	35,289,153	3	0	3	1
Case 106	6	35,289,446	43,473,406	2	0	2	1
Case 106	6	43,475,195	57,512,510	1	1	2	0
Case 106	6	57,535,593	58,055,927	2	1	3	0
Case 106	6	58,150,777	58,752,089	2	0	2	1
Case 106	6	61,891,118	61,891,118	2	0	2	1
Case 106	6	61,891,638	75,238,840	2	1	3	0
Case 106	6	75,264,996	83,967,454	1	1	2	0
Case 106	6	83,968,946	136,578,286	2	1	3	0
Case 106	6	136,579,839	136,599,912	1	1	2	0
Case 106	6	136,612,111	148,734,174	2	1	3	0
Case 106	6	148,736,448	148,782,865	1	0	1	0
Case 106	6	148,785,054	149,919,143	2	1	3	0
Case 106	6	149,919,476	150,141,821	1	1	2	0
Case 106	6	150,145,001	162,619,277	2	1	3	0
Case 106	6	162,621,262	162,828,829	2	0	2	1
Case 106	6	162,831,336	162,993,672	1	0	1	0
Case 106	6	162,994,422	163,273,193	1	1	2	0
Case 106	6	163,273,326	167,277,976	2	1	3	0
Case 106	6	167,279,331	167,373,708	1	1	2	0
Case 106	6	167,383,075	170,980,171	2	1	3	0
Case 106	7	44,935	58,019,061	2	1	3	0
Case 106	7	61,056,053	61,852,895	2	1	3	0
Case 106	7	61,994,170	62,517,629	1	1	2	0
Case 106	7	62,527,743	66,728,987	2	1	3	0
Case 106	7	66,765,880	66,901,285	1	1	2	0
Case 106	7	66,901,317	74,482,604	2	1	3	0
Case 106	7	74,486,465	75,182,802	2	0	2	1
Case 106	7	75,182,887	91,029,468	2	1	3	0
Case 106	7	91,033,074	91,038,222	1	0	1	0
Case 106	7	91,043,217	100,417,409	2	1	3	0
Case 106	7	100,419,998	100,473,729	1	1	2	0
Case 106	7	100,474,289	100,675,128	2	1	3	0
Case 106	7	100,675,164	100,686,491	1	1	2	0
Case 106	7	100,686,498	110,511,679	2	1	3	0
Case 106	7	110,514,428	111,080,241	1	0	1	0
Case 106	7	111,092,478	122,376,318	2	1	3	0
Case 106	7	122,392,897	122,520,343	1	1	2	0
Case 106	7	122,522,740	140,198,246	2	1	3	0
Case 106	7	140,209,941	140,397,792	1	1	2	0
Case 106	7	140,402,382	146,639,472	2	1	3	0
Case 106	7	146,642,350	147,292,345	2	0	2	1
Case 106	7	147,292,995	157,421,108	2	1	3	0
Case 106	7	157,426,990	157,714,638	2	0	2	1
Case 106	7	157,718,481	159,119,486	2	1	3	0

Case 106	8	164,984	1,581,839	2	1	3	0
Case 106	8	1,587,877	1,603,043	1	0	1	0
Case 106	8	1,613,232	3,772,648	2	1	3	0
Case 106	8	3,773,842	3,807,528	3	1	4	0
Case 106	8	3,807,747	3,831,350	2	1	3	0
Case 106	8	3,832,465	4,476,870	3	1	4	0
Case 106	8	4,476,957	4,476,957	2	0	2	1
Case 106	8	4,480,667	4,809,686	2	1	3	0
Case 106	8	4,809,701	5,368,274	3	1	4	0
Case 106	8	5,369,076	5,369,603	2	0	2	1
Case 106	8	5,369,835	5,593,810	2	1	3	0
Case 106	8	5,599,399	5,605,087	1	0	1	0
Case 106	8	5,607,214	8,267,096	2	1	3	0
Case 106	8	8,271,383	8,596,562	3	1	4	0
Case 106	8	8,600,305	8,600,305	2	0	2	1
Case 106	8	8,601,350	11,498,190	2	1	3	0
Case 106	8	11,499,277	11,611,043	2	2	4	0
Case 106	8	11,611,353	11,710,911	2	1	3	0
Case 106	8	11,711,059	11,851,156	2	2	4	0
Case 106	8	11,851,521	12,589,179	2	1	3	0
Case 106	8	12,592,956	43,791,691	3	0	3	1
Case 106	8	46,886,735	146,293,414	3	0	3	1
Case 106	9	46,587	5,302,095	1	1	2	0
Case 106	9	5,306,824	5,335,570	1	0	1	0
Case 106	9	5,339,657	10,411,393	1	1	2	0
Case 106	9	10,421,687	10,925,989	1	0	1	0
Case 106	9	10,928,314	10,936,135	2	0	2	1
Case 106	9	10,936,687	33,609,013	1	1	2	0
Case 106	9	33,611,709	34,065,659	2	0	2	1
Case 106	9	34,071,541	46,944,322	1	1	2	0
Case 106	9	65,629,772	112,418,293	1	1	2	0
Case 106	9	112,419,244	131,762,062	2	1	3	0
Case 106	9	131,762,080	131,768,941	1	1	2	0
Case 106	9	131,769,243	138,053,217	2	1	3	0
Case 106	9	138,054,178	138,357,705	3	1	4	0
Case 106	9	138,359,002	138,359,002	2	0	2	1
Case 106	9	138,361,170	139,235,415	2	1	3	0
Case 106	9	139,235,526	139,278,407	3	1	4	0
Case 106	9	139,279,173	139,279,173	2	0	2	1
Case 106	9	139,279,245	141,066,491	2	1	3	0
Case 106	10	98,087	7,771,947	2	1	3	0
Case 106	10	7,772,035	7,786,236	1	1	2	0
Case 106	10	7,786,772	12,154,833	2	1	3	0
Case 106	10	12,154,929	12,436,252	1	1	2	0
Case 106	10	12,438,783	13,154,486	2	1	3	0
Case 106	10	13,155,726	13,279,884	1	1	2	0
Case 106	10	13,280,550	34,806,744	2	1	3	0
Case 106	10	34,813,742	34,970,073	1	1	2	0
Case 106	10	34,971,389	39,097,912	2	1	3	0
Case 106	10	42,436,301	46,999,289	2	1	3	0
Case 106	10	46,999,290	47,101,942	1	1	2	0
Case 106	10	47,375,657	55,560,710	2	1	3	0
Case 106	10	55,562,036	55,668,753	1	1	2	0
Case 106	10	55,680,463	70,061,336	2	1	3	0
Case 106	10	70,066,553	70,276,553	1	1	2	0
Case 106	10	70,319,321	70,391,172	2	1	3	0
Case 106	10	70,401,976	70,646,373	1	1	2	0
Case 106	10	70,652,345	70,989,749	2	1	3	0
Case 106	10	70,992,250	71,009,907	1	1	2	0
Case 106	10	71,010,301	74,661,041	2	1	3	0
Case 106	10	74,662,104	75,277,332	1	1	2	0

Case 106	10	75,277,450	93,999,956	2	1	3	0
Case 106	10	94,002,116	94,523,766	1	1	2	0
Case 106	10	94,525,174	104,162,970	2	1	3	0
Case 106	10	104,163,153	104,843,148	1	1	2	0
Case 106	10	104,846,178	129,900,859	2	1	3	0
Case 106	10	129,901,084	129,907,610	1	1	2	0
Case 106	10	129,907,631	135,477,883	2	1	3	0
Case 106	11	193,146	236,091	2	1	3	0
Case 106	11	236,306	292,060	2	2	4	0
Case 106	11	292,667	325,800	2	1	3	0
Case 106	11	327,334	370,831	2	2	4	0
Case 106	11	371,265	1,298,430	2	1	3	0
Case 106	11	1,300,406	1,404,838	2	2	4	0
Case 106	11	1,405,829	1,507,731	2	1	3	0
Case 106	11	1,515,271	1,693,052	2	2	4	0
Case 106	11	1,696,849	1,804,417	2	1	3	0
Case 106	11	1,807,114	2,306,339	2	2	4	0
Case 106	11	2,308,762	2,349,462	2	1	3	0
Case 106	11	2,364,234	2,420,500	2	2	4	0
Case 106	11	2,423,820	2,444,215	2	1	3	0
Case 106	11	2,444,239	2,863,820	2	2	4	0
Case 106	11	2,868,259	2,922,493	2	1	3	0
Case 106	11	2,923,091	2,943,115	2	2	4	0
Case 106	11	2,943,342	3,141,848	2	1	3	0
Case 106	11	3,143,030	3,215,318	2	2	4	0
Case 106	11	3,216,129	3,249,972	2	1	3	0
Case 106	11	3,249,984	3,645,133	2	2	4	0
Case 106	11	3,645,345	3,727,756	2	1	3	0
Case 106	11	3,729,676	3,993,231	2	2	4	0
Case 106	11	4,011,806	4,471,445	2	1	3	0
Case 106	11	4,471,469	4,563,233	2	2	4	0
Case 106	11	4,563,728	5,088,772	2	1	3	0
Case 106	11	5,089,017	5,149,332	2	2	4	0
Case 106	11	5,150,372	5,258,162	2	1	3	0
Case 106	11	5,258,592	5,275,343	2	2	4	0
Case 106	11	5,279,153	5,328,361	2	1	3	0
Case 106	11	5,328,707	5,344,561	2	2	4	0
Case 106	11	5,344,592	6,191,531	2	1	3	0
Case 106	11	6,192,443	6,220,713	2	2	4	0
Case 106	11	6,220,820	6,717,557	2	1	3	0
Case 106	11	6,717,608	6,789,257	2	2	4	0
Case 106	11	6,789,287	6,964,873	2	1	3	0
Case 106	11	6,965,652	7,001,786	2	2	4	0
Case 106	11	7,008,962	7,187,367	2	1	3	0
Case 106	11	7,188,457	7,272,397	2	2	4	0
Case 106	11	7,278,278	7,707,101	2	1	3	0
Case 106	11	7,707,958	7,716,305	2	2	4	0
Case 106	11	7,716,331	7,890,697	2	1	3	0
Case 106	11	7,891,039	7,914,606	2	2	4	0
Case 106	11	7,914,932	8,390,147	2	1	3	0
Case 106	11	8,391,230	8,658,485	2	2	4	0
Case 106	11	8,660,223	8,753,729	2	1	3	0
Case 106	11	8,758,114	8,933,004	2	2	4	0
Case 106	11	8,933,010	12,429,493	2	1	3	0
Case 106	11	12,431,361	12,662,120	2	2	4	0
Case 106	11	12,679,245	12,935,451	2	1	3	0
Case 106	11	12,940,196	13,913,003	2	2	4	0
Case 106	11	13,917,687	14,502,339	2	1	3	0
Case 106	11	14,504,463	14,975,698	2	2	4	0
Case 106	11	14,988,713	15,198,685	2	1	3	0
Case 106	11	15,198,772	15,979,045	2	2	4	0

Case 106	11	15,985,282	16,200,444	2	1	3	0
Case 106	11	16,211,343	16,308,668	2	2	4	0
Case 106	11	16,327,983	17,260,116	2	1	3	0
Case 106	11	17,267,029	17,415,261	2	2	4	0
Case 106	11	17,415,289	17,531,995	2	1	3	0
Case 106	11	17,532,052	17,723,296	2	2	4	0
Case 106	11	17,726,305	17,847,381	2	1	3	0
Case 106	11	17,851,342	17,988,860	2	2	4	0
Case 106	11	18,001,888	18,051,096	2	1	3	0
Case 106	11	18,051,104	18,108,512	2	2	4	0
Case 106	11	18,108,566	18,973,545	2	1	3	0
Case 106	11	18,974,860	19,188,122	2	2	4	0
Case 106	11	19,188,485	19,711,993	2	1	3	0
Case 106	11	19,712,486	19,955,194	2	2	4	0
Case 106	11	19,955,271	20,213,955	2	1	3	0
Case 106	11	20,219,834	20,292,495	2	2	4	0
Case 106	11	20,296,378	20,404,703	2	1	3	0
Case 106	11	20,405,135	20,529,886	2	2	4	0
Case 106	11	20,529,892	20,676,326	2	1	3	0
Case 106	11	20,678,604	21,016,295	2	2	4	0
Case 106	11	21,017,397	21,049,960	2	1	3	0
Case 106	11	21,052,712	21,520,402	2	2	4	0
Case 106	11	21,522,529	21,669,293	2	1	3	0
Case 106	11	21,674,597	22,016,670	2	2	4	0
Case 106	11	22,024,184	22,387,179	2	1	3	0
Case 106	11	22,387,745	22,477,620	2	2	4	0
Case 106	11	22,481,749	22,700,825	2	1	3	0
Case 106	11	22,707,296	23,099,792	2	2	4	0
Case 106	11	23,102,000	23,224,901	2	1	3	0
Case 106	11	23,226,964	23,460,111	2	2	4	0
Case 106	11	23,460,491	23,718,743	2	1	3	0
Case 106	11	23,723,766	25,154,378	2	2	4	0
Case 106	11	25,157,728	25,529,663	2	1	3	0
Case 106	11	25,529,987	26,035,814	2	2	4	0
Case 106	11	26,038,571	26,587,350	2	1	3	0
Case 106	11	26,587,423	26,717,345	2	2	4	0
Case 106	11	26,718,732	26,770,983	2	1	3	0
Case 106	11	26,771,794	27,337,843	2	2	4	0
Case 106	11	27,339,168	27,451,759	2	1	3	0
Case 106	11	27,456,059	28,697,941	2	2	4	0
Case 106	11	28,697,951	29,147,594	2	1	3	0
Case 106	11	29,158,671	29,312,842	2	2	4	0
Case 106	11	29,316,153	29,675,343	2	1	3	0
Case 106	11	29,680,576	30,032,307	2	2	4	0
Case 106	11	30,032,402	30,352,557	2	1	3	0
Case 106	11	30,353,725	30,640,248	2	2	4	0
Case 106	11	30,647,282	30,837,794	2	1	3	0
Case 106	11	30,838,689	30,873,739	2	2	4	0
Case 106	11	30,875,674	31,229,804	2	1	3	0
Case 106	11	31,230,540	31,936,515	2	2	4	0
Case 106	11	31,937,936	32,421,273	2	1	3	0
Case 106	11	32,423,752	32,603,285	2	2	4	0
Case 106	11	32,604,045	33,757,770	2	1	3	0
Case 106	11	33,758,638	33,949,342	2	2	4	0
Case 106	11	33,954,193	34,680,053	2	1	3	0
Case 106	11	34,680,109	35,163,114	2	2	4	0
Case 106	11	35,167,359	35,497,059	2	1	3	0
Case 106	11	35,500,592	36,025,118	2	2	4	0
Case 106	11	36,028,475	36,923,515	2	1	3	0
Case 106	11	36,938,773	37,757,910	2	2	4	0
Case 106	11	37,758,393	38,271,205	2	1	3	0

Case 106	11	38,285,501	39,666,972	2	2	4	0
Case 106	11	39,667,117	39,981,948	2	1	3	0
Case 106	11	39,997,451	40,105,120	2	2	4	0
Case 106	11	40,105,881	40,527,150	2	1	3	0
Case 106	11	40,530,245	40,781,345	2	2	4	0
Case 106	11	40,783,291	40,980,698	2	1	3	0
Case 106	11	40,981,020	41,069,095	2	2	4	0
Case 106	11	41,070,348	41,226,338	2	1	3	0
Case 106	11	41,226,389	41,411,565	2	2	4	0
Case 106	11	41,413,943	41,631,862	2	1	3	0
Case 106	11	41,632,353	42,385,511	2	2	4	0
Case 106	11	42,391,385	42,523,366	2	1	3	0
Case 106	11	42,543,277	43,137,342	2	2	4	0
Case 106	11	43,138,659	43,749,199	2	1	3	0
Case 106	11	43,755,780	43,864,278	2	2	4	0
Case 106	11	43,873,539	44,023,161	2	1	3	0
Case 106	11	44,025,878	44,063,841	2	2	4	0
Case 106	11	44,066,354	44,289,071	2	1	3	0
Case 106	11	44,290,066	44,344,634	2	2	4	0
Case 106	11	44,348,056	44,449,800	2	1	3	0
Case 106	11	44,450,995	44,542,441	2	2	4	0
Case 106	11	44,547,746	44,701,444	2	1	3	0
Case 106	11	44,702,928	44,796,843	2	2	4	0
Case 106	11	44,797,486	44,982,802	2	1	3	0
Case 106	11	44,985,620	45,044,671	2	2	4	0
Case 106	11	45,045,189	45,672,230	2	1	3	0
Case 106	11	45,672,261	45,827,578	2	2	4	0
Case 106	11	45,827,606	48,373,762	2	1	3	0
Case 106	11	48,373,827	48,457,439	1	1	2	0
Case 106	11	48,476,690	49,214,394	2	1	3	0
Case 106	11	49,221,914	49,965,330	2	2	4	0
Case 106	11	49,974,473	50,057,854	2	1	3	0
Case 106	11	50,070,332	50,345,390	2	2	4	0
Case 106	11	50,345,592	51,591,253	2	1	3	0
Case 106	11	54,794,237	55,361,808	2	1	3	0
Case 106	11	55,362,955	55,432,668	1	1	2	0
Case 106	11	55,432,740	55,437,126	2	1	3	0
Case 106	11	55,445,294	55,523,833	2	2	4	0
Case 106	11	55,533,365	56,468,681	2	1	3	0
Case 106	11	56,468,694	56,508,686	2	2	4	0
Case 106	11	56,510,405	56,511,104	2	1	3	0
Case 106	11	56,511,160	56,905,911	2	2	4	0
Case 106	11	56,905,977	57,004,322	2	1	3	0
Case 106	11	57,004,344	57,062,509	2	2	4	0
Case 106	11	57,065,220	58,055,186	2	1	3	0
Case 106	11	58,057,129	58,125,865	2	2	4	0
Case 106	11	58,125,873	58,724,149	2	1	3	0
Case 106	11	58,724,381	58,883,915	2	2	4	0
Case 106	11	58,888,323	58,980,311	2	1	3	0
Case 106	11	58,981,586	59,184,192	2	2	4	0
Case 106	11	59,189,405	59,801,882	2	1	3	0
Case 106	11	59,807,380	59,826,857	2	2	4	0
Case 106	11	59,827,800	59,975,400	2	1	3	0
Case 106	11	59,977,646	60,107,470	2	2	4	0
Case 106	11	60,107,660	60,237,234	2	1	3	0
Case 106	11	60,237,410	60,311,123	2	2	4	0
Case 106	11	60,311,515	61,809,694	2	1	3	0
Case 106	11	61,815,803	61,897,359	2	2	4	0
Case 106	11	61,897,396	61,930,617	2	1	3	0
Case 106	11	61,940,106	62,064,505	2	2	4	0
Case 106	11	62,064,715	62,786,435	2	1	3	0

Case 106	11	62,788,269	62,913,852	2	2	4	0
Case 106	11	62,914,847	63,072,310	2	1	3	0
Case 106	11	63,072,327	63,141,254	2	2	4	0
Case 106	11	63,141,435	89,017,961	2	1	3	0
Case 106	11	89,020,498	89,153,765	3	0	3	1
Case 106	11	89,156,429	89,179,077	2	0	2	1
Case 106	11	89,182,275	97,297,218	2	1	3	0
Case 106	11	97,299,826	97,435,372	3	1	4	0
Case 106	11	97,439,081	97,439,081	2	0	2	1
Case 106	11	97,443,131	127,087,754	2	1	3	0
Case 106	11	127,091,963	128,562,098	3	1	4	0
Case 106	11	128,563,413	128,563,413	2	0	2	1
Case 106	11	128,564,794	128,846,528	2	1	3	0
Case 106	11	128,850,539	129,251,227	3	1	4	0
Case 106	11	129,251,792	129,251,792	2	0	2	1
Case 106	11	129,251,976	130,699,110	2	1	3	0
Case 106	11	130,699,300	130,890,970	3	1	4	0
Case 106	11	130,891,895	132,488,048	2	1	3	0
Case 106	11	132,492,326	132,574,789	3	1	4	0
Case 106	11	132,576,264	132,576,264	2	0	2	1
Case 106	11	132,576,546	134,934,063	2	1	3	0
Case 106	12	191,619	8,281,876	1	1	2	0
Case 106	12	8,288,179	8,374,746	1	0	1	0
Case 106	12	8,376,070	33,769,090	1	1	2	0
Case 106	12	33,778,489	34,506,968	2	0	2	1
Case 106	12	34,523,378	34,853,011	1	0	1	0
Case 106	12	37,876,400	38,347,638	1	0	1	0
Case 106	12	38,359,611	38,714,185	2	0	2	1
Case 106	12	38,714,351	40,182,606	1	1	2	0
Case 106	12	40,192,820	40,328,684	1	0	1	0
Case 106	12	40,328,757	133,628,903	1	1	2	0
Case 106	12	133,633,536	133,810,935	2	0	2	1
Case 106	13	19,058,717	33,760,737	2	0	2	1
Case 106	13	33,761,410	33,946,244	1	0	1	0
Case 106	13	33,947,222	36,975,462	2	0	2	1
Case 106	13	36,984,915	37,031,396	1	0	1	0
Case 106	13	37,033,342	41,842,546	2	0	2	1
Case 106	13	41,842,561	44,482,204	1	1	2	0
Case 106	13	44,493,527	44,734,696	2	0	2	1
Case 106	13	44,735,517	44,796,982	1	0	1	0
Case 106	13	44,798,197	44,981,909	2	0	2	1
Case 106	13	45,000,340	45,147,990	1	0	1	0
Case 106	13	45,148,257	45,150,135	2	0	2	1
Case 106	13	45,178,744	45,429,434	1	0	1	0
Case 106	13	45,433,561	45,544,325	2	0	2	1
Case 106	13	45,548,000	73,343,046	1	1	2	0
Case 106	13	73,345,274	74,283,131	1	0	1	0
Case 106	13	74,288,499	86,499,673	1	1	2	0
Case 106	13	86,505,542	86,521,995	1	0	1	0
Case 106	13	86,535,664	115,103,529	1	1	2	0
Case 106	14	19,280,733	20,214,907	1	0	1	0
Case 106	14	20,215,615	20,345,087	2	0	2	1
Case 106	14	20,345,088	20,345,142	1	1	2	0
Case 106	14	20,345,205	20,389,115	1	0	1	0
Case 106	14	20,389,177	20,404,614	1	1	2	0
Case 106	14	20,404,671	20,844,383	1	0	1	0
Case 106	14	20,845,770	20,850,871	2	0	2	1
Case 106	14	20,851,708	21,068,103	1	0	1	0
Case 106	14	21,069,321	21,128,336	2	0	2	1
Case 106	14	21,130,632	21,215,805	1	0	1	0
Case 106	14	21,215,808	21,238,862	2	0	2	1

Case 106	14	21,240,597	21,344,168	1	0	1	0
Case 106	14	21,345,707	21,426,282	2	0	2	1
Case 106	14	21,430,269	21,466,781	1	0	1	0
Case 106	14	21,467,909	21,529,064	2	0	2	1
Case 106	14	21,529,197	22,094,954	1	0	1	0
Case 106	14	22,098,295	22,103,595	2	0	2	1
Case 106	14	22,112,594	22,130,428	1	0	1	0
Case 106	14	22,132,807	22,133,997	2	0	2	1
Case 106	14	22,134,005	22,387,318	1	0	1	0
Case 106	14	22,387,839	23,081,528	2	0	2	1
Case 106	14	23,081,926	23,233,971	1	0	1	0
Case 106	14	23,235,808	23,243,191	2	0	2	1
Case 106	14	23,243,680	23,521,721	1	0	1	0
Case 106	14	23,521,802	23,549,850	2	0	2	1
Case 106	14	23,549,948	23,586,700	1	0	1	0
Case 106	14	23,587,231	23,612,489	2	0	2	1
Case 106	14	23,612,586	23,737,522	1	0	1	0
Case 106	14	23,740,238	23,779,877	2	0	2	1
Case 106	14	23,780,222	23,829,080	1	0	1	0
Case 106	14	23,829,164	23,986,009	2	0	2	1
Case 106	14	23,987,437	24,327,790	1	0	1	0
Case 106	14	24,336,007	24,484,060	2	0	2	1
Case 106	14	24,501,100	24,568,395	1	0	1	0
Case 106	14	24,568,855	24,573,156	2	0	2	1
Case 106	14	24,577,185	24,607,454	1	0	1	0
Case 106	14	24,607,804	24,647,852	2	0	2	1
Case 106	14	24,649,076	24,653,960	1	0	1	0
Case 106	14	24,654,115	24,731,278	2	0	2	1
Case 106	14	24,731,314	24,732,474	1	0	1	0
Case 106	14	24,734,645	24,798,663	2	0	2	1
Case 106	14	24,798,738	24,841,801	1	0	1	0
Case 106	14	24,842,498	24,872,917	2	0	2	1
Case 106	14	24,873,585	24,885,382	1	0	1	0
Case 106	14	24,885,606	24,906,515	2	0	2	1
Case 106	14	24,907,288	24,967,820	1	0	1	0
Case 106	14	24,974,621	25,101,706	2	0	2	1
Case 106	14	25,102,160	25,162,082	1	0	1	0
Case 106	14	25,162,662	25,295,551	2	0	2	1
Case 106	14	25,300,510	33,912,069	1	0	1	0
Case 106	14	33,913,395	33,972,853	2	0	2	1
Case 106	14	33,975,893	34,068,701	1	0	1	0
Case 106	14	34,070,758	34,136,700	2	0	2	1
Case 106	14	34,140,885	34,569,187	1	0	1	0
Case 106	14	34,570,026	107,287,663	2	0	2	1
Case 106	15	20,034,919	24,193,582	2	1	3	0
Case 106	15	24,196,452	24,326,784	2	2	4	0
Case 106	15	24,326,977	26,182,017	2	1	3	0
Case 106	15	26,185,133	26,229,793	2	2	4	0
Case 106	15	26,230,370	26,337,076	2	1	3	0
Case 106	15	26,342,740	26,549,142	2	2	4	0
Case 106	15	26,559,043	26,961,861	2	1	3	0
Case 106	15	26,967,522	27,188,459	2	2	4	0
Case 106	15	27,189,655	27,222,824	2	1	3	0
Case 106	15	27,228,346	27,290,231	2	2	4	0
Case 106	15	27,290,638	27,849,304	2	1	3	0
Case 106	15	27,850,666	27,883,641	2	2	4	0
Case 106	15	27,887,347	29,561,866	2	1	3	0
Case 106	15	29,562,640	29,848,687	2	2	4	0
Case 106	15	29,852,637	30,203,966	2	1	3	0
Case 106	15	30,205,176	30,366,247	2	2	4	0
Case 106	15	30,369,914	32,303,657	2	1	3	0



Case 106	15	32,309,184	34,671,124	2	0	2	1
Case 106	15	34,718,594	34,800,595	0	0	0	0
Case 106	15	34,871,296	44,574,649	2	0	2	1
Case 106	15	44,579,854	46,273,935	2	1	3	0
Case 106	15	46,274,275	47,407,214	2	2	4	0
Case 106	15	47,408,195	47,601,553	2	1	3	0
Case 106	15	47,613,403	48,013,174	2	2	4	0
Case 106	15	48,015,116	48,132,379	2	1	3	0
Case 106	15	48,133,686	49,090,175	2	0	2	1
Case 106	15	49,093,824	49,912,768	2	1	3	0
Case 106	15	49,912,946	50,193,553	2	2	4	0
Case 106	15	50,195,344	50,352,945	2	1	3	0
Case 106	15	50,353,277	50,469,288	2	2	4	0
Case 106	15	50,471,827	51,201,108	2	1	3	0
Case 106	15	51,207,205	51,569,410	2	2	4	0
Case 106	15	51,572,037	52,835,262	2	1	3	0
Case 106	15	52,842,904	53,020,933	2	2	4	0
Case 106	15	53,038,488	53,252,041	2	1	3	0
Case 106	15	53,257,894	53,828,686	2	2	4	0
Case 106	15	53,839,779	53,995,635	2	1	3	0
Case 106	15	53,997,338	54,212,245	2	2	4	0
Case 106	15	54,214,720	54,226,685	2	1	3	0
Case 106	15	54,236,339	87,848,502	2	0	2	1
Case 106	15	87,857,559	88,052,767	2	1	3	0
Case 106	15	88,066,218	88,359,182	2	2	4	0
Case 106	15	88,361,622	88,820,429	2	1	3	0
Case 106	15	88,820,515	88,920,678	2	2	4	0
Case 106	15	88,924,722	89,021,200	2	1	3	0
Case 106	15	89,033,668	89,378,258	2	2	4	0
Case 106	15	89,378,395	89,395,209	2	1	3	0
Case 106	15	89,395,259	89,408,081	2	2	4	0
Case 106	15	89,412,279	89,870,432	2	1	3	0
Case 106	15	89,871,763	90,060,811	2	2	4	0
Case 106	15	90,064,593	90,225,743	2	1	3	0
Case 106	15	90,226,687	90,333,565	2	2	4	0
Case 106	15	90,333,851	91,045,408	2	1	3	0
Case 106	15	91,045,419	91,143,805	2	2	4	0
Case 106	15	91,144,587	91,892,493	2	1	3	0
Case 106	15	91,895,484	92,073,658	2	2	4	0
Case 106	15	92,075,814	92,215,680	2	1	3	0
Case 106	15	92,217,898	92,369,620	2	2	4	0
Case 106	15	92,378,489	92,513,406	2	1	3	0
Case 106	15	92,515,062	92,623,670	2	2	4	0
Case 106	15	92,623,840	92,652,336	2	1	3	0
Case 106	15	92,654,719	92,669,785	2	2	4	0
Case 106	15	92,671,919	93,050,966	2	1	3	0
Case 106	15	93,051,659	93,108,185	2	2	4	0
Case 106	15	93,111,516	93,307,668	2	1	3	0
Case 106	15	93,310,575	93,467,354	2	2	4	0
Case 106	15	93,472,980	93,877,949	2	1	3	0
Case 106	15	93,881,534	93,963,897	2	2	4	0
Case 106	15	93,964,877	93,988,156	2	1	3	0
Case 106	15	93,989,259	94,213,821	2	2	4	0
Case 106	15	94,215,287	94,266,567	2	1	3	0
Case 106	15	94,283,318	94,748,728	2	2	4	0
Case 106	15	94,755,158	94,848,183	2	1	3	0
Case 106	15	94,850,304	94,908,904	2	2	4	0
Case 106	15	94,910,368	94,959,409	2	1	3	0
Case 106	15	94,960,355	95,184,578	2	2	4	0
Case 106	15	95,185,871	95,212,426	2	1	3	0
Case 106	15	95,217,028	95,244,477	2	2	4	0

Case 106	15	95,245,229	95,314,018	2	1	3	0
Case 106	15	95,314,455	95,511,932	2	2	4	0
Case 106	15	95,513,696	95,863,364	2	1	3	0
Case 106	15	95,870,977	95,921,191	2	2	4	0
Case 106	15	95,924,835	96,038,806	2	1	3	0
Case 106	15	96,039,132	96,106,002	2	2	4	0
Case 106	15	96,108,853	96,186,627	2	1	3	0
Case 106	15	96,187,805	96,335,077	2	2	4	0
Case 106	15	96,341,849	96,449,449	2	1	3	0
Case 106	15	96,450,805	96,637,443	2	2	4	0
Case 106	15	96,639,263	96,729,928	2	1	3	0
Case 106	15	96,731,890	97,686,430	2	2	4	0
Case 106	15	97,689,727	97,998,761	2	1	3	0
Case 106	15	98,006,502	98,161,778	2	2	4	0
Case 106	15	98,162,379	98,251,044	2	1	3	0
Case 106	15	98,252,432	98,522,038	2	2	4	0
Case 106	15	98,539,489	98,680,170	2	1	3	0
Case 106	15	98,681,332	98,914,552	2	2	4	0
Case 106	15	98,915,284	99,024,173	2	1	3	0
Case 106	15	99,028,246	99,082,004	2	2	4	0
Case 106	15	99,084,760	99,263,274	2	1	3	0
Case 106	15	99,263,801	99,409,548	2	2	4	0
Case 106	15	99,412,562	99,577,797	2	1	3	0
Case 106	15	99,579,537	99,608,131	2	2	4	0
Case 106	15	99,608,744	100,309,611	2	1	3	0
Case 106	15	100,318,844	100,514,614	2	2	4	0
Case 106	15	100,514,620	100,943,045	2	1	3	0
Case 106	15	100,947,798	101,147,726	2	2	4	0
Case 106	15	101,156,623	101,251,946	2	1	3	0
Case 106	15	101,253,557	101,434,992	2	2	4	0
Case 106	15	101,436,307	101,653,897	2	1	3	0
Case 106	15	101,656,088	101,706,714	2	2	4	0
Case 106	15	101,708,340	101,872,306	2	1	3	0
Case 106	15	101,874,763	101,920,286	2	2	4	0
Case 106	15	101,920,498	101,972,931	2	1	3	0
Case 106	15	101,973,493	102,043,101	2	2	4	0
Case 106	15	102,045,402	102,114,106	2	1	3	0
Case 106	15	102,114,414	102,160,040	2	2	4	0
Case 106	15	102,165,387	102,359,268	2	1	3	0
Case 106	15	102,359,307	102,461,162	2	2	4	0
Case 106	16	88,165	35,285,582	1	1	2	0
Case 106	16	46,450,037	64,366,496	1	1	2	0
Case 106	16	64,380,837	64,395,652	1	0	1	0
Case 106	16	64,397,522	67,598,274	1	1	2	0
Case 106	16	67,607,987	67,685,730	1	0	1	0
Case 106	16	67,685,832	67,691,750	2	0	2	1
Case 106	16	67,691,752	67,709,582	1	0	1	0
Case 106	16	67,709,821	68,566,787	1	1	2	0
Case 106	16	68,573,287	70,170,186	1	0	1	0
Case 106	16	70,187,372	70,284,990	2	0	2	1
Case 106	16	70,285,799	70,841,632	1	0	1	0
Case 106	16	70,841,656	71,196,543	2	0	2	1
Case 106	16	71,206,836	71,562,894	1	0	1	0
Case 106	16	71,565,292	71,571,220	2	0	2	1
Case 106	16	71,571,446	72,033,810	1	0	1	0
Case 106	16	72,035,359	72,114,002	2	0	2	1
Case 106	16	72,117,751	72,822,156	1	0	1	0
Case 106	16	72,822,351	72,831,026	2	0	2	1
Case 106	16	72,831,111	73,263,508	1	0	1	0
Case 106	16	73,272,944	73,393,833	2	0	2	1
Case 106	16	73,394,615	73,422,400	1	0	1	0

Case 106	16	73,425,772	73,445,035	2	0	2	1
Case 106	16	73,445,209	78,455,478	1	0	1	0
Case 106	16	78,458,513	78,496,876	2	0	2	1
Case 106	16	78,497,817	78,729,624	1	0	1	0
Case 106	16	78,731,449	78,867,839	0	0	0	0
Case 106	16	78,869,317	78,870,954	2	0	2	1
Case 106	16	78,871,429	78,972,995	1	0	1	0
Case 106	16	78,975,007	79,053,610	2	0	2	1
Case 106	16	79,053,912	79,520,553	1	0	1	0
Case 106	16	79,522,673	79,567,790	2	0	2	1
Case 106	16	79,569,810	79,605,583	1	0	1	0
Case 106	16	79,606,877	79,710,481	2	0	2	1
Case 106	16	79,722,425	80,145,980	1	0	1	0
Case 106	16	80,146,783	80,163,600	2	0	2	1
Case 106	16	80,163,809	80,283,100	1	0	1	0
Case 106	16	80,285,884	80,341,115	2	0	2	1
Case 106	16	80,347,251	80,716,457	1	0	1	0
Case 106	16	80,718,468	80,719,189	2	0	2	1
Case 106	16	80,725,445	81,190,601	1	0	1	0
Case 106	16	81,190,613	81,194,437	2	0	2	1
Case 106	16	81,194,912	81,249,850	1	0	1	0
Case 106	16	81,249,871	81,298,282	2	0	2	1
Case 106	16	81,298,301	81,413,699	1	0	1	0
Case 106	16	81,421,075	81,444,502	2	0	2	1
Case 106	16	81,444,857	81,509,279	1	0	1	0
Case 106	16	81,509,722	81,549,127	2	0	2	1
Case 106	16	81,549,708	81,555,922	1	0	1	0
Case 106	16	81,560,996	81,892,913	2	0	2	1
Case 106	16	81,894,745	81,937,556	1	0	1	0
Case 106	16	81,937,714	81,982,624	2	0	2	1
Case 106	16	81,982,779	82,004,832	1	0	1	0
Case 106	16	82,021,546	82,138,454	2	0	2	1
Case 106	16	82,140,561	82,188,657	1	0	1	0
Case 106	16	82,194,190	82,678,897	2	0	2	1
Case 106	16	82,679,478	82,994,130	1	0	1	0
Case 106	16	82,995,097	83,020,528	2	0	2	1
Case 106	16	83,032,826	83,188,272	1	0	1	0
Case 106	16	83,188,957	83,226,327	2	0	2	1
Case 106	16	83,226,661	83,572,424	1	0	1	0
Case 106	16	83,577,108	83,628,580	2	0	2	1
Case 106	16	83,629,403	83,687,469	1	0	1	0
Case 106	16	83,687,645	83,744,592	2	0	2	1
Case 106	16	83,744,723	83,813,806	1	0	1	0
Case 106	16	83,814,858	83,926,906	2	0	2	1
Case 106	16	83,927,239	84,035,531	1	0	1	0
Case 106	16	84,036,227	84,048,540	2	0	2	1
Case 106	16	84,050,247	84,117,219	1	0	1	0
Case 106	16	84,118,667	84,133,440	2	0	2	1
Case 106	16	84,135,228	84,203,939	1	0	1	0
Case 106	16	84,205,904	84,211,969	2	0	2	1
Case 106	16	84,212,597	84,256,422	1	0	1	0
Case 106	16	84,256,544	84,270,381	2	0	2	1
Case 106	16	84,270,386	84,308,076	1	0	1	0
Case 106	16	84,311,563	90,274,695	1	1	2	0
Case 106	17	11,885	109,329	1	0	1	0
Case 106	17	109,700	119,382	2	0	2	1
Case 106	17	120,174	823,823	1	0	1	0
Case 106	17	827,031	904,983	2	0	2	1
Case 106	17	905,695	1,393,486	1	0	1	0
Case 106	17	1,397,737	1,477,619	2	0	2	1
Case 106	17	1,478,460	1,494,634	1	0	1	0

Case 106	17	1,495,834	1,748,028	2	0	2	1
Case 106	17	1,756,351	3,620,138	3	0	3	1
Case 106	17	3,626,989	15,039,528	2	0	2	1
Case 106	17	15,044,804	15,058,236	0	0	0	0
Case 106	17	15,058,991	21,528,062	2	0	2	1
Case 106	17	21,539,613	22,242,355	2	1	3	0
Case 106	17	25,268,142	50,274,170	2	1	3	0
Case 106	17	50,289,447	78,932,566	2	0	2	1
Case 106	17	78,935,270	78,955,974	3	0	3	1
Case 106	17	78,964,503	81,060,040	2	0	2	1
Case 106	18	87,505	15,375,878	2	0	2	1
Case 106	18	18,520,354	46,551,310	2	0	2	1
Case 106	18	46,553,265	47,083,106	1	0	1	0
Case 106	18	47,086,932	47,095,487	2	0	2	1
Case 106	18	47,095,862	47,362,880	1	0	1	0
Case 106	18	47,363,125	47,651,537	2	0	2	1
Case 106	18	47,658,365	47,795,629	1	0	1	0
Case 106	18	47,796,089	47,833,405	2	0	2	1
Case 106	18	47,837,090	48,075,258	1	0	1	0
Case 106	18	48,076,214	48,201,463	2	0	2	1
Case 106	18	48,203,725	54,693,531	1	0	1	0
Case 106	18	54,694,151	55,021,725	2	0	2	1
Case 106	18	55,024,321	55,838,958	1	0	1	0
Case 106	18	55,839,162	55,935,987	2	0	2	1
Case 106	18	55,936,104	56,147,042	1	0	1	0
Case 106	18	56,148,796	56,297,220	2	0	2	1
Case 106	18	56,301,610	60,668,270	1	0	1	0
Case 106	18	60,668,346	60,689,573	2	0	2	1
Case 106	18	60,690,246	60,794,680	1	0	1	0
Case 106	18	60,795,178	60,936,047	2	0	2	1
Case 106	18	60,941,958	66,279,829	1	0	1	0
Case 106	18	66,290,703	78,015,180	2	0	2	1
Case 106	19	260,912	2,888,242	2	1	3	0
Case 106	19	2,892,015	2,936,648	1	1	2	0
Case 106	19	2,936,660	4,288,333	2	1	3	0
Case 106	19	4,290,591	4,325,327	1	1	2	0
Case 106	19	4,325,419	6,649,632	2	1	3	0
Case 106	19	6,658,613	11,682,495	1	1	2	0
Case 106	19	11,685,943	11,917,123	2	0	2	1
Case 106	19	11,917,124	11,917,922	1	0	1	0
Case 106	19	11,918,051	17,361,203	1	1	2	0
Case 106	19	17,361,222	17,369,127	1	0	1	0
Case 106	19	17,370,084	20,497,400	1	1	2	0
Case 106	19	20,499,493	20,500,515	2	0	2	1
Case 106	19	20,626,179	20,727,516	0	0	0	0
Case 106	19	20,728,636	20,728,636	2	0	2	1
Case 106	19	20,728,777	21,835,313	1	1	2	0
Case 106	19	21,837,430	22,102,503	2	0	2	1
Case 106	19	22,106,951	22,369,824	1	1	2	0
Case 106	19	22,377,109	22,703,220	2	0	2	1
Case 106	19	22,707,258	24,490,299	1	1	2	0
Case 106	19	24,518,609	24,629,285	1	0	1	0
Case 106	19	27,732,159	27,960,006	1	0	1	0
Case 106	19	27,978,445	59,097,160	1	1	2	0
Case 106	20	63,244	14,732,585	2	1	3	0
Case 106	20	14,739,839	14,771,194	1	0	1	0
Case 106	20	14,772,789	15,110,701	0	0	0	0
Case 106	20	15,111,138	15,122,254	2	0	2	1
Case 106	20	15,127,194	26,293,985	2	1	3	0
Case 106	20	29,425,357	62,190,345	2	1	3	0
Case 106	20	62,190,628	62,191,849	1	1	2	0

Case 106	20	62,191,937	62,948,788	2	1	3	0
Case 106	21	10,827,533	10,971,337	1	1	2	0
Case 106	21	14,368,320	17,768,524	1	1	2	0
Case 106	21	17,772,222	17,775,303	1	0	1	0
Case 106	21	17,777,827	31,340,248	1	1	2	0
Case 106	21	31,350,669	34,486,690	1	0	1	0
Case 106	21	34,493,297	36,816,352	1	1	2	0
Case 106	21	36,819,003	37,075,862	2	0	2	1
Case 106	21	37,078,017	37,940,863	1	0	1	0
Case 106	21	37,941,317	38,015,220	2	0	2	1
Case 106	21	38,017,529	38,032,496	1	0	1	0
Case 106	21	38,032,750	38,202,786	2	0	2	1
Case 106	21	38,209,770	39,176,328	1	1	2	0
Case 106	21	39,180,799	39,341,560	2	0	2	1
Case 106	21	39,345,240	39,345,657	0	0	0	0
Case 106	21	39,346,333	39,814,374	2	0	2	1
Case 106	21	39,815,212	39,841,399	1	0	1	0
Case 106	21	39,843,392	40,194,216	2	0	2	1
Case 106	21	40,194,787	40,262,435	1	0	1	0
Case 106	21	40,265,938	40,352,461	2	0	2	1
Case 106	21	40,354,444	40,380,249	1	0	1	0
Case 106	21	40,380,383	40,395,343	2	0	2	1
Case 106	21	40,396,113	40,449,658	1	0	1	0
Case 106	21	40,451,794	40,492,274	2	0	2	1
Case 106	21	40,492,859	40,899,071	1	0	1	0
Case 106	21	40,900,348	41,330,402	2	0	2	1
Case 106	21	41,333,747	41,360,591	1	0	1	0
Case 106	21	41,361,357	41,492,475	2	0	2	1
Case 106	21	41,494,633	42,124,011	1	0	1	0
Case 106	21	42,126,689	42,224,120	2	0	2	1
Case 106	21	42,230,435	42,421,994	1	0	1	0
Case 106	21	42,426,742	42,521,711	2	0	2	1
Case 106	21	42,523,852	42,558,694	1	0	1	0
Case 106	21	42,561,034	42,655,515	2	0	2	1
Case 106	21	42,657,187	42,731,511	1	0	1	0
Case 106	21	42,734,987	43,356,277	2	0	2	1
Case 106	21	43,358,071	43,373,522	1	0	1	0
Case 106	21	43,376,453	44,198,143	2	0	2	1
Case 106	21	44,200,858	44,275,829	1	0	1	0
Case 106	21	44,275,979	44,317,309	2	0	2	1
Case 106	21	44,318,769	44,574,196	1	0	1	0
Case 106	21	44,574,541	44,833,854	2	0	2	1
Case 106	21	44,835,301	44,871,189	1	0	1	0
Case 106	21	44,871,682	44,897,977	2	0	2	1
Case 106	21	44,903,553	45,110,316	1	0	1	0
Case 106	21	45,110,784	45,237,039	2	0	2	1
Case 106	21	45,239,078	45,356,073	1	0	1	0
Case 106	21	45,356,487	45,502,929	2	0	2	1
Case 106	21	45,503,121	45,649,954	1	0	1	0
Case 106	21	45,649,969	45,687,581	2	0	2	1
Case 106	21	45,696,025	47,717,493	1	1	2	0
Case 106	21	47,717,537	48,100,155	2	1	3	0
Case 106	22	16,114,244	17,012,935	1	0	1	0
Case 106	22	17,026,095	18,650,803	1	1	2	0
Case 106	22	18,807,228	21,025,732	2	1	3	0
Case 106	22	21,062,168	23,443,909	1	1	2	0
Case 106	22	23,444,796	25,658,525	2	1	3	0
Case 106	22	25,661,725	32,357,360	1	1	2	0
Case 106	22	32,358,588	32,665,789	2	0	2	1
Case 106	22	32,666,087	34,186,914	1	1	2	0
Case 106	22	34,194,745	34,271,782	1	0	1	0

Case 106	22	34,273,307	36,966,242	1	1	2	0
Case 106	22	36,969,683	41,790,179	2	1	3	0
Case 106	22	41,791,536	41,994,455	1	1	2	0
Case 106	22	41,995,335	49,304,823	2	1	3	0
Case 106	22	49,305,099	50,118,723	3	1	4	0
Case 106	22	50,119,885	50,120,350	2	0	2	1
Case 106	22	50,124,094	50,436,143	2	1	3	0
Case 106	22	50,436,488	50,642,777	3	1	4	0
Case 106	22	50,644,658	50,644,658	2	0	2	1
Case 106	22	50,644,783	50,728,919	2	1	3	0
Case 106	22	50,747,598	50,969,367	3	1	4	0
Case 106	22	50,969,637	50,969,637	2	0	2	1
Case 106	22	50,969,647	51,123,505	2	1	3	0
Case 106	22	51,133,580	51,195,728	2	0	2	1
Case 107	1	82,154	1,601,104	2	1	3	0
Case 107	1	1,601,170	2,333,031	1	1	2	0
Case 107	1	2,336,210	3,680,345	2	1	3	0
Case 107	1	3,680,362	5,765,353	1	1	2	0
Case 107	1	5,767,805	6,634,973	2	1	3	0
Case 107	1	6,635,231	7,412,051	1	1	2	0
Case 107	1	7,412,088	7,737,755	2	1	3	0
Case 107	1	7,748,525	9,164,133	1	1	2	0
Case 107	1	9,164,366	9,790,660	2	1	3	0
Case 107	1	9,790,703	10,683,683	1	1	2	0
Case 107	1	10,687,345	11,009,844	2	1	3	0
Case 107	1	11,011,002	16,044,401	1	1	2	0
Case 107	1	16,053,627	16,110,815	2	1	3	0
Case 107	1	16,112,795	22,088,379	1	1	2	0
Case 107	1	22,104,971	22,688,484	2	1	3	0
Case 107	1	22,690,923	32,004,898	1	1	2	0
Case 107	1	32,007,672	32,285,400	2	1	3	0
Case 107	1	32,290,078	53,532,609	1	1	2	0
Case 107	1	53,534,248	53,579,109	2	1	3	0
Case 107	1	53,579,182	71,060,083	1	1	2	0
Case 107	1	71,067,296	71,245,703	2	0	2	1
Case 107	1	71,250,352	115,489,865	1	1	2	0
Case 107	1	115,489,879	116,260,604	2	1	3	0
Case 107	1	116,268,699	121,346,616	1	1	2	0
Case 107	1	142,649,718	152,548,480	1	1	2	0
Case 107	1	152,549,876	153,407,572	2	1	3	0
Case 107	1	153,408,831	156,761,543	1	1	2	0
Case 107	1	156,765,973	157,347,856	2	1	3	0
Case 107	1	157,348,712	201,181,070	1	1	2	0
Case 107	1	201,181,217	201,732,694	2	1	3	0
Case 107	1	201,733,944	226,752,447	1	1	2	0
Case 107	1	226,755,701	226,924,982	2	1	3	0
Case 107	1	226,928,864	227,880,275	1	1	2	0
Case 107	1	227,885,726	228,874,049	2	1	3	0
Case 107	1	228,878,522	249,218,992	1	1	2	0
Case 107	2	18,674	7,693,796	1	1	2	0
Case 107	2	7,700,390	8,423,057	2	1	3	0
Case 107	2	8,424,313	15,293,757	1	1	2	0
Case 107	2	15,294,683	15,769,725	2	0	2	1
Case 107	2	15,770,913	15,999,597	2	1	3	0
Case 107	2	16,004,423	20,205,541	1	1	2	0
Case 107	2	20,205,612	20,891,799	2	1	3	0
Case 107	2	20,892,006	29,196,785	1	1	2	0
Case 107	2	29,202,386	29,240,783	2	1	3	0
Case 107	2	29,245,036	33,498,802	1	1	2	0
Case 107	2	33,499,107	33,836,922	2	0	2	1
Case 107	2	33,845,642	35,717,726	1	1	2	0

Case 107	2	35,719,814	36,401,650	2	1	3	0
Case 107	2	36,408,593	41,540,474	1	1	2	0
Case 107	2	41,540,966	42,047,856	2	1	3	0
Case 107	2	42,049,084	43,991,488	1	1	2	0
Case 107	2	43,995,001	44,357,936	2	0	2	1
Case 107	2	44,358,504	46,322,951	1	1	2	0
Case 107	2	46,324,866	46,558,541	2	1	3	0
Case 107	2	46,565,091	47,073,871	1	1	2	0
Case 107	2	47,075,393	47,284,168	2	1	3	0
Case 107	2	47,284,506	52,126,166	1	1	2	0
Case 107	2	52,128,985	53,854,488	2	1	3	0
Case 107	2	53,856,928	55,124,412	1	1	2	0
Case 107	2	55,125,123	55,900,032	1	0	1	0
Case 107	2	55,901,317	61,147,243	1	1	2	0
Case 107	2	61,148,973	61,864,069	1	0	1	0
Case 107	2	61,874,015	66,021,675	1	1	2	0
Case 107	2	66,024,928	67,301,846	2	1	3	0
Case 107	2	67,302,169	71,160,261	1	1	2	0
Case 107	2	71,160,305	71,655,733	2	0	2	1
Case 107	2	71,658,541	72,405,665	2	1	3	0
Case 107	2	72,405,833	75,115,133	1	1	2	0
Case 107	2	75,115,687	75,630,833	2	1	3	0
Case 107	2	75,630,998	75,882,399	2	0	2	1
Case 107	2	75,882,855	79,581,175	1	1	2	0
Case 107	2	79,586,600	79,934,288	2	0	2	1
Case 107	2	79,934,864	80,175,291	2	1	3	0
Case 107	2	80,175,510	92,081,640	1	1	2	0
Case 107	2	95,429,424	95,868,247	1	1	2	0
Case 107	2	95,897,767	96,809,681	2	1	3	0
Case 107	2	96,813,480	105,970,650	1	1	2	0
Case 107	2	105,974,978	106,606,105	2	1	3	0
Case 107	2	106,610,454	113,820,476	1	1	2	0
Case 107	2	113,820,530	113,950,696	2	1	3	0
Case 107	2	113,950,887	118,989,721	1	1	2	0
Case 107	2	118,995,267	120,007,357	2	1	3	0
Case 107	2	120,008,556	124,926,513	1	1	2	0
Case 107	2	124,928,508	141,274,576	2	0	2	1
Case 107	2	141,279,101	142,248,347	1	1	2	0
Case 107	2	142,249,777	197,183,897	2	0	2	1
Case 107	2	197,184,026	198,436,794	1	0	1	0
Case 107	2	198,436,886	201,355,058	1	1	2	0
Case 107	2	201,355,098	202,699,201	1	0	1	0
Case 107	2	202,700,365	202,969,687	1	1	2	0
Case 107	2	202,974,099	204,634,767	1	0	1	0
Case 107	2	204,639,764	204,661,197	2	0	2	1
Case 107	2	204,676,173	204,694,805	1	1	2	0
Case 107	2	204,711,588	209,028,127	2	0	2	1
Case 107	2	209,028,152	212,627,259	1	1	2	0
Case 107	2	212,627,805	220,166,368	2	0	2	1
Case 107	2	220,166,408	220,712,076	1	1	2	0
Case 107	2	220,714,502	221,016,706	2	1	3	0
Case 107	2	221,019,458	221,063,851	2	0	2	1
Case 107	2	221,067,691	222,995,369	1	1	2	0
Case 107	2	222,997,104	224,746,756	2	0	2	1
Case 107	2	224,754,537	238,999,883	1	1	2	0
Case 107	2	239,002,506	239,066,379	2	1	3	0
Case 107	2	239,071,623	241,188,859	1	1	2	0
Case 107	2	241,193,279	241,876,580	2	1	3	0
Case 107	2	241,879,702	242,689,605	2	0	2	1
Case 107	2	242,690,675	243,048,760	2	1	3	0
Case 107	3	61,495	7,510,891	2	0	2	1

Case 107	3	7,511,375	8,857,963	2	1	3	0
Case 107	3	8,862,925	33,838,124	2	0	2	1
Case 107	3	33,838,866	35,015,022	1	1	2	0
Case 107	3	35,038,139	36,311,133	2	0	2	1
Case 107	3	36,311,231	37,060,459	1	1	2	0
Case 107	3	37,061,893	37,396,678	1	0	1	0
Case 107	3	37,403,413	41,107,173	1	1	2	0
Case 107	3	41,109,561	42,119,479	1	0	1	0
Case 107	3	42,123,753	42,251,706	1	1	2	0
Case 107	3	42,252,141	42,672,803	2	0	2	1
Case 107	3	42,674,094	44,283,844	1	1	2	0
Case 107	3	44,284,584	44,929,195	1	0	1	0
Case 107	3	44,929,287	47,043,467	1	1	2	0
Case 107	3	47,043,648	52,558,490	2	0	2	1
Case 107	3	52,558,884	60,310,376	1	1	2	0
Case 107	3	60,310,790	60,544,132	2	0	2	1
Case 107	3	60,545,602	61,241,178	1	0	1	0
Case 107	3	61,253,045	86,556,132	1	1	2	0
Case 107	3	86,557,037	86,557,037	3	0	3	1
Case 107	3	86,558,884	87,241,497	5	1	6	0
Case 107	3	87,249,364	88,273,071	3	0	3	1
Case 107	3	88,277,712	89,132,282	3	1	4	0
Case 107	3	89,155,950	89,178,317	3	0	3	1
Case 107	3	89,187,123	90,442,925	2	0	2	1
Case 107	3	93,537,290	94,071,481	2	0	2	1
Case 107	3	94,075,826	97,059,115	3	0	3	1
Case 107	3	97,062,536	103,601,778	2	2	4	0
Case 107	3	103,614,900	107,744,023	3	0	3	1
Case 107	3	107,750,920	109,316,638	2	0	2	1
Case 107	3	109,323,640	111,048,721	3	0	3	1
Case 107	3	111,050,246	112,375,793	2	0	2	1
Case 107	3	112,376,308	113,028,334	3	0	3	1
Case 107	3	113,034,316	113,586,776	2	0	2	1
Case 107	3	113,588,445	119,023,971	3	0	3	1
Case 107	3	119,024,937	121,573,850	2	0	2	1
Case 107	3	121,574,215	128,446,412	3	0	3	1
Case 107	3	128,455,073	129,195,600	2	0	2	1
Case 107	3	129,195,663	129,694,826	3	0	3	1
Case 107	3	129,695,373	130,504,256	2	0	2	1
Case 107	3	130,511,038	135,502,373	3	0	3	1
Case 107	3	135,514,304	136,676,525	2	0	2	1
Case 107	3	136,677,339	141,881,351	3	0	3	1
Case 107	3	141,882,459	142,548,560	2	0	2	1
Case 107	3	142,548,566	148,636,416	3	0	3	1
Case 107	3	148,637,771	148,930,403	2	0	2	1
Case 107	3	148,930,433	160,968,084	3	0	3	1
Case 107	3	160,968,365	160,987,158	2	1	3	0
Case 107	3	161,003,124	161,003,124	3	1	4	0
Case 107	3	161,008,125	161,195,729	4	3	7	0
Case 107	3	161,203,534	161,209,750	2	0	2	1
Case 107	3	161,213,636	161,771,382	3	0	3	1
Case 107	3	161,778,666	161,778,975	2	1	3	0
Case 107	3	161,791,399	162,237,495	4	3	7	0
Case 107	3	162,239,385	162,261,021	2	0	2	1
Case 107	3	162,262,746	166,555,665	3	0	3	1
Case 107	3	166,572,963	166,745,838	5	1	6	0
Case 107	3	166,746,608	167,102,124	3	0	3	1
Case 107	3	167,105,744	173,573,842	2	2	4	0
Case 107	3	173,573,991	175,059,171	3	0	3	1
Case 107	3	175,061,871	175,861,931	2	0	2	1
Case 107	3	175,862,678	178,105,341	3	0	3	1



Case 107	3	178,107,949	179,579,536	2	2	4	0
Case 107	3	179,592,147	180,706,866	2	0	2	1
Case 107	3	180,709,308	181,938,870	3	0	3	1
Case 107	3	181,941,060	182,390,083	2	0	2	1
Case 107	3	182,392,033	183,469,906	2	1	3	0
Case 107	3	183,469,912	183,755,887	3	1	4	0
Case 107	3	183,755,948	183,755,948	5	1	6	0
Case 107	3	183,756,056	183,756,058	3	0	3	1
Case 107	3	183,756,062	186,427,340	5	1	6	0
Case 107	3	186,428,061	188,976,010	6	1	7	0
Case 107	3	189,000,601	189,005,992	3	0	3	1
Case 107	3	189,010,687	191,761,351	3	1	4	0
Case 107	3	191,765,223	193,557,558	2	1	3	0
Case 107	3	193,561,684	193,766,273	3	1	4	0
Case 107	3	193,769,266	195,677,895	3	0	3	1
Case 107	3	195,734,915	196,668,359	2	0	2	1
Case 107	3	196,669,912	197,838,262	2	1	3	0
Case 107	4	71,566	493,156	1	0	1	0
Case 107	4	494,188	497,138	1	1	2	0
Case 107	4	498,459	860,205	2	0	2	1
Case 107	4	860,238	985,310	2	1	3	0
Case 107	4	985,418	7,084,858	2	0	2	1
Case 107	4	7,084,985	8,390,998	2	1	3	0
Case 107	4	8,390,999	38,984,852	2	0	2	1
Case 107	4	38,988,587	40,196,549	1	0	1	0
Case 107	4	40,198,369	40,199,551	1	1	2	0
Case 107	4	40,205,742	49,620,898	2	0	2	1
Case 107	4	52,697,856	144,945,108	2	0	2	1
Case 107	4	144,949,348	144,950,193	3	0	3	1
Case 107	4	144,965,891	145,035,868	7	0	7	1
Case 107	4	145,040,841	178,146,619	2	0	2	1
Case 107	4	178,151,435	180,179,576	3	0	3	1
Case 107	4	180,182,483	181,920,483	2	0	2	1
Case 107	4	181,923,958	190,963,766	1	0	1	0
Case 107	5	38,139	1,686,960	3	0	3	1
Case 107	5	1,687,735	15,719,350	2	0	2	1
Case 107	5	15,719,942	16,572,152	3	0	3	1
Case 107	5	16,572,153	46,399,093	2	0	2	1
Case 107	5	49,457,282	50,821,162	2	0	2	1
Case 107	5	50,828,866	53,333,477	3	0	3	1
Case 107	5	53,336,820	55,528,815	2	0	2	1
Case 107	5	55,548,797	55,965,167	3	0	3	1
Case 107	5	55,966,023	56,595,262	2	0	2	1
Case 107	5	56,603,577	58,049,332	3	0	3	1
Case 107	5	58,049,391	78,640,296	2	0	2	1
Case 107	5	78,641,327	78,668,550	3	0	3	1
Case 107	5	78,670,802	79,215,861	0	0	0	0
Case 107	5	79,216,901	79,230,312	3	0	3	1
Case 107	5	79,233,056	100,578,856	2	0	2	1
Case 107	5	100,580,114	101,117,655	3	0	3	1
Case 107	5	101,118,483	113,550,042	2	0	2	1
Case 107	5	113,552,328	116,375,473	3	0	3	1
Case 107	5	116,376,690	122,402,675	2	0	2	1
Case 107	5	122,405,090	125,694,196	3	0	3	1
Case 107	5	125,696,118	128,123,652	2	0	2	1
Case 107	5	128,129,794	132,180,990	3	0	3	1
Case 107	5	132,181,800	167,984,721	2	0	2	1
Case 107	5	167,987,499	168,854,538	3	0	3	1
Case 107	5	168,868,506	169,358,418	2	0	2	1
Case 107	5	169,359,522	172,324,978	3	0	3	1
Case 107	5	172,331,057	176,734,647	2	0	2	1

Case 107	5	176,734,648	177,005,613	3	0	3	1
Case 107	5	177,011,863	179,676,979	2	0	2	1
Case 107	5	179,677,517	180,693,127	3	0	3	1
Case 107	6	108,666	404,632	2	1	3	0
Case 107	6	405,130	2,893,647	2	0	2	1
Case 107	6	2,893,754	3,594,782	1	1	2	0
Case 107	6	3,603,720	3,913,345	2	1	3	0
Case 107	6	3,913,630	10,196,666	2	0	2	1
Case 107	6	10,197,494	11,814,975	1	1	2	0
Case 107	6	11,818,316	13,332,467	2	0	2	1
Case 107	6	13,336,815	14,887,071	1	1	2	0
Case 107	6	14,887,524	16,096,546	2	0	2	1
Case 107	6	16,098,290	20,660,365	1	1	2	0
Case 107	6	20,661,034	22,999,042	2	0	2	1
Case 107	6	23,006,527	24,564,540	1	1	2	0
Case 107	6	24,564,544	28,077,374	2	0	2	1
Case 107	6	28,079,076	28,269,511	1	1	2	0
Case 107	6	28,269,663	30,165,032	2	0	2	1
Case 107	6	30,165,273	30,954,137	1	1	2	0
Case 107	6	30,954,201	31,025,265	2	0	2	1
Case 107	6	31,025,848	31,080,859	1	1	2	0
Case 107	6	31,080,899	31,128,552	2	1	3	0
Case 107	6	31,129,265	31,509,284	2	0	2	1
Case 107	6	31,509,967	32,432,835	1	1	2	0
Case 107	6	32,433,167	32,702,813	2	0	2	1
Case 107	6	32,702,930	32,940,694	1	1	2	0
Case 107	6	32,940,815	33,159,664	2	0	2	1
Case 107	6	33,160,142	33,570,024	1	1	2	0
Case 107	6	33,574,413	34,512,195	2	1	3	0
Case 107	6	34,513,266	36,666,327	2	0	2	1
Case 107	6	36,667,610	36,982,947	2	1	3	0
Case 107	6	36,983,192	37,450,914	1	1	2	0
Case 107	6	37,451,032	37,483,808	2	0	2	1
Case 107	6	37,485,728	37,934,269	3	0	3	1
Case 107	6	37,949,615	38,486,637	7	0	7	1
Case 107	6	38,487,026	38,994,354	1	1	2	0
Case 107	6	38,994,430	40,986,623	2	1	3	0
Case 107	6	40,989,503	41,643,386	1	1	2	0
Case 107	6	41,643,608	41,652,540	3	0	3	1
Case 107	6	41,652,566	43,815,364	7	0	7	1
Case 107	6	43,816,377	43,817,837	3	0	3	1
Case 107	6	43,822,780	44,297,772	4	0	4	1
Case 107	6	44,297,871	44,310,854	1	1	2	0
Case 107	6	44,310,965	56,481,397	2	0	2	1
Case 107	6	56,481,864	58,752,089	1	1	2	0
Case 107	6	61,891,118	63,458,592	1	1	2	0
Case 107	6	63,458,776	63,865,624	2	1	3	0
Case 107	6	63,871,745	65,376,653	2	0	2	1
Case 107	6	65,391,951	67,642,950	2	1	3	0
Case 107	6	67,646,913	70,165,296	2	0	2	1
Case 107	6	70,166,530	72,662,508	2	1	3	0
Case 107	6	72,663,571	75,899,300	2	0	2	1
Case 107	6	75,899,516	76,751,738	1	1	2	0
Case 107	6	76,751,781	78,175,842	2	1	3	0
Case 107	6	78,176,009	79,055,410	1	1	2	0
Case 107	6	79,062,734	79,419,430	2	1	3	0
Case 107	6	79,419,656	90,677,126	2	0	2	1
Case 107	6	90,677,176	93,694,952	2	1	3	0
Case 107	6	93,695,112	112,423,810	2	0	2	1
Case 107	6	112,423,944	112,961,926	2	1	3	0
Case 107	6	112,962,393	114,192,777	1	1	2	0

Case 107	6	114,194,523	125,027,223	2	0	2	1
Case 107	6	125,035,966	126,491,310	1	1	2	0
Case 107	6	126,522,821	129,670,548	2	0	2	1
Case 107	6	129,671,311	129,993,895	2	1	3	0
Case 107	6	129,996,025	132,119,366	1	1	2	0
Case 107	6	132,124,599	134,715,654	2	0	2	1
Case 107	6	134,720,067	147,704,113	3	0	3	1
Case 107	6	147,706,242	148,255,082	2	0	2	1
Case 107	6	148,258,033	149,809,094	3	0	3	1
Case 107	6	149,814,762	150,538,665	2	0	2	1
Case 107	6	150,547,144	164,690,972	3	0	3	1
Case 107	6	164,691,459	165,945,970	3	1	4	0
Case 107	6	165,946,772	170,980,171	3	0	3	1
Case 107	7	44,935	2,789,880	2	1	3	0
Case 107	7	2,792,524	4,820,940	2	0	2	1
Case 107	7	4,821,257	4,874,735	3	0	3	1
Case 107	7	4,876,055	30,486,592	2	0	2	1
Case 107	7	30,487,951	31,375,757	3	0	3	1
Case 107	7	31,377,369	58,019,061	2	0	2	1
Case 107	7	61,056,053	90,629,849	2	0	2	1
Case 107	7	90,630,558	92,130,846	3	0	3	1
Case 107	7	92,130,876	94,536,510	4	0	4	1
Case 107	7	94,539,536	94,540,770	1	1	2	0
Case 107	7	94,540,810	99,810,406	3	0	3	1
Case 107	7	99,811,388	100,309,544	4	0	4	1
Case 107	7	100,313,768	100,385,532	1	1	2	0
Case 107	7	100,386,859	100,477,829	2	1	3	0
Case 107	7	100,479,167	100,675,761	1	1	2	0
Case 107	7	100,675,817	100,685,948	1	0	1	0
Case 107	7	100,685,994	100,839,654	1	1	2	0
Case 107	7	100,841,533	117,960,973	2	0	2	1
Case 107	7	117,965,390	122,139,167	2	1	3	0
Case 107	7	122,143,539	128,454,943	2	0	2	1
Case 107	7	128,454,955	128,788,002	2	1	3	0
Case 107	7	128,789,884	149,379,276	2	0	2	1
Case 107	7	149,381,716	150,068,439	2	1	3	0
Case 107	7	150,068,503	159,119,486	2	0	2	1
Case 107	8	164,984	572,628	2	1	3	0
Case 107	8	573,646	1,782,876	1	1	2	0
Case 107	8	1,784,859	1,920,461	2	0	2	1
Case 107	8	1,921,160	3,167,898	1	1	2	0
Case 107	8	3,168,573	3,296,720	2	0	2	1
Case 107	8	3,303,050	4,179,086	2	1	3	0
Case 107	8	4,179,859	5,250,086	1	1	2	0
Case 107	8	5,252,599	5,603,275	2	1	3	0
Case 107	8	5,604,495	5,929,378	1	1	2	0
Case 107	8	5,929,952	6,817,024	2	1	3	0
Case 107	8	6,820,464	8,171,487	1	1	2	0
Case 107	8	8,171,978	8,997,614	2	1	3	0
Case 107	8	8,997,623	9,831,907	1	1	2	0
Case 107	8	9,834,684	11,665,518	2	1	3	0
Case 107	8	11,666,337	38,433,937	1	1	2	0
Case 107	8	38,437,040	41,716,521	2	1	3	0
Case 107	8	41,727,195	43,791,691	1	1	2	0
Case 107	8	46,886,735	53,548,616	1	1	2	0
Case 107	8	53,553,177	56,550,203	2	1	3	0
Case 107	8	56,567,649	58,766,472	1	1	2	0
Case 107	8	58,766,723	65,810,061	2	1	3	0
Case 107	8	65,818,520	66,285,716	3	1	4	0
Case 107	8	66,287,730	68,793,432	3	0	3	1
Case 107	8	68,799,377	74,329,796	3	1	4	0

Case 107	8	74,330,174	75,217,901	3	0	3	1
Case 107	8	75,218,725	86,401,833	3	1	4	0
Case 107	8	86,407,520	87,241,965	3	0	3	1
Case 107	8	87,241,987	94,192,318	3	1	4	0
Case 107	8	94,195,920	94,828,642	3	0	3	1
Case 107	8	94,830,459	95,274,016	3	1	4	0
Case 107	8	95,274,357	96,145,419	3	0	3	1
Case 107	8	96,147,295	98,645,779	3	1	4	0
Case 107	8	98,647,447	99,168,279	3	0	3	1
Case 107	8	99,168,383	101,608,919	3	1	4	0
Case 107	8	101,609,014	102,007,701	3	0	3	1
Case 107	8	102,008,828	114,965,243	3	1	4	0
Case 107	8	114,966,953	115,347,920	1	1	2	0
Case 107	8	115,351,857	123,805,336	3	1	4	0
Case 107	8	123,806,196	124,822,540	3	0	3	1
Case 107	8	124,824,581	133,698,781	3	1	4	0
Case 107	8	133,701,395	134,188,778	3	0	3	1
Case 107	8	134,189,138	138,585,743	3	1	4	0
Case 107	8	138,588,027	139,231,483	3	0	3	1
Case 107	8	139,232,371	140,990,501	3	1	4	0
Case 107	8	140,990,677	144,411,549	2	1	3	0
Case 107	8	144,411,609	145,785,009	3	1	4	0
Case 107	8	145,786,151	146,293,414	3	0	3	1
Case 107	9	46,587	9,092,671	1	1	2	0
Case 107	9	9,093,111	9,553,037	1	0	1	0
Case 107	9	9,556,992	10,581,485	1	1	2	0
Case 107	9	10,582,246	25,562,784	1	0	1	0
Case 107	9	25,564,648	25,594,961	1	1	2	0
Case 107	9	25,598,014	25,988,943	7	0	7	1
Case 107	9	26,003,296	26,035,315	3	0	3	1
Case 107	9	26,038,217	26,210,349	0	0	0	0
Case 107	9	26,210,446	26,273,887	3	0	3	1
Case 107	9	26,275,374	26,458,557	6	1	7	0
Case 107	9	26,463,378	27,309,659	4	0	4	1
Case 107	9	27,313,439	27,707,461	2	1	3	0
Case 107	9	27,707,666	32,487,627	4	1	5	0
Case 107	9	32,487,912	32,539,717	7	0	7	1
Case 107	9	32,541,468	32,632,339	3	0	3	1
Case 107	9	32,632,775	43,581,253	4	0	4	1
Case 107	9	43,627,237	46,944,322	1	1	2	0
Case 107	9	65,629,772	95,378,704	1	1	2	0
Case 107	9	95,381,802	98,972,430	2	1	3	0
Case 107	9	98,974,141	135,934,431	1	1	2	0
Case 107	9	135,940,433	135,957,452	7	0	7	1
Case 107	9	135,966,362	136,279,935	1	1	2	0
Case 107	9	136,280,025	137,520,936	2	1	3	0
Case 107	9	137,530,346	139,110,993	1	1	2	0
Case 107	9	139,111,870	139,286,458	2	1	3	0
Case 107	9	139,288,732	139,374,952	1	1	2	0
Case 107	9	139,375,962	140,414,411	2	1	3	0
Case 107	9	140,414,461	141,066,491	1	1	2	0
Case 107	10	98,087	1,507,960	2	1	3	0
Case 107	10	1,509,658	3,627,637	1	1	2	0
Case 107	10	3,628,517	7,337,689	2	1	3	0
Case 107	10	7,339,312	8,111,409	1	1	2	0
Case 107	10	8,115,362	12,435,379	2	1	3	0
Case 107	10	12,436,252	12,778,614	1	1	2	0
Case 107	10	12,778,841	16,536,461	2	1	3	0
Case 107	10	16,539,483	17,147,521	1	1	2	0
Case 107	10	17,151,662	21,216,368	2	1	3	0
Case 107	10	21,218,979	22,496,104	1	1	2	0

Case 107	10	22,496,669	28,373,644	2	1	3	0
Case 107	10	28,375,931	29,091,723	1	1	2	0
Case 107	10	29,093,379	36,929,886	2	1	3	0
Case 107	10	36,949,132	38,343,858	1	1	2	0
Case 107	10	38,344,125	39,097,912	2	0	2	1
Case 107	10	42,436,301	43,128,880	2	0	2	1
Case 107	10	43,142,034	69,917,242	2	1	3	0
Case 107	10	69,917,811	70,749,869	1	1	2	0
Case 107	10	70,759,289	71,307,920	2	1	3	0
Case 107	10	71,310,732	72,893,339	3	1	4	0
Case 107	10	72,902,886	72,903,531	3	0	3	1
Case 107	10	72,904,464	78,589,532	5	0	5	1
Case 107	10	78,593,852	81,885,914	7	0	7	1
Case 107	10	81,891,206	81,927,219	1	1	2	0
Case 107	10	81,928,765	82,385,041	7	0	7	1
Case 107	10	82,390,456	82,390,738	3	0	3	1
Case 107	10	82,392,100	82,547,720	5	0	5	1
Case 107	10	82,553,046	83,060,356	3	1	4	0
Case 107	10	83,070,163	134,787,650	1	1	2	0
Case 107	10	134,788,714	135,278,193	2	1	3	0
Case 107	10	135,284,115	135,477,883	1	1	2	0
Case 107	11	193,146	264,391	3	0	3	1
Case 107	11	268,219	577,534	3	1	4	0
Case 107	11	587,343	2,424,541	3	0	3	1
Case 107	11	2,424,553	2,908,965	4	0	4	1
Case 107	11	2,909,513	47,907,641	3	0	3	1
Case 107	11	47,922,672	48,449,889	0	0	0	0
Case 107	11	48,457,439	49,537,617	3	0	3	1
Case 107	11	49,542,457	51,591,253	2	0	2	1
Case 107	11	54,794,237	55,432,740	2	0	2	1
Case 107	11	55,432,823	66,453,406	3	0	3	1
Case 107	11	66,454,564	70,002,689	4	0	4	1
Case 107	11	70,002,886	104,900,466	3	0	3	1
Case 107	11	104,900,535	105,239,441	0	0	0	0
Case 107	11	105,251,489	128,649,851	3	0	3	1
Case 107	11	128,651,219	131,734,784	4	0	4	1
Case 107	11	131,734,999	131,758,498	1	1	2	0
Case 107	11	131,759,684	133,789,785	3	0	3	1
Case 107	11	133,789,790	134,934,063	4	0	4	1
Case 107	12	191,619	319,125	3	0	3	1
Case 107	12	321,353	893,967	2	0	2	1
Case 107	12	905,582	1,601,024	1	0	1	0
Case 107	12	1,601,561	1,611,846	1	1	2	0
Case 107	12	1,618,202	4,737,673	2	0	2	1
Case 107	12	4,737,715	4,875,615	1	0	1	0
Case 107	12	4,881,610	24,488,865	2	0	2	1
Case 107	12	24,496,747	25,051,265	3	0	3	1
Case 107	12	25,051,357	25,478,225	5	0	5	1
Case 107	12	25,479,948	31,095,036	3	0	3	1
Case 107	12	31,098,240	31,810,126	3	1	4	0
Case 107	12	31,810,824	32,050,598	1	1	2	0
Case 107	12	32,052,422	34,853,011	2	0	2	1
Case 107	12	37,876,400	42,946,285	2	0	2	1
Case 107	12	42,950,977	43,326,899	2	1	3	0
Case 107	12	43,327,892	45,960,118	2	0	2	1
Case 107	12	45,961,947	47,471,980	1	1	2	0
Case 107	12	47,472,156	50,364,707	2	0	2	1
Case 107	12	50,364,898	51,203,291	1	0	1	0
Case 107	12	51,203,371	56,625,946	2	0	2	1
Case 107	12	56,626,573	58,359,547	1	1	2	0
Case 107	12	58,360,970	68,510,585	2	1	3	0

Case 107	12	68,516,129	69,326,547	1	1	2	0
Case 107	12	69,340,369	76,547,820	2	1	3	0
Case 107	12	76,548,473	78,248,487	1	1	2	0
Case 107	12	78,251,685	94,491,385	2	1	3	0
Case 107	12	94,499,677	97,433,614	1	1	2	0
Case 107	12	97,434,220	104,129,802	2	1	3	0
Case 107	12	104,130,847	105,455,217	1	1	2	0
Case 107	12	105,456,710	106,739,726	2	1	3	0
Case 107	12	106,740,069	108,930,109	1	1	2	0
Case 107	12	108,930,319	109,804,222	2	1	3	0
Case 107	12	109,810,116	113,280,973	1	1	2	0
Case 107	12	113,281,621	114,697,301	2	1	3	0
Case 107	12	114,698,881	123,311,981	1	1	2	0
Case 107	12	123,333,065	123,494,398	2	1	3	0
Case 107	12	123,494,520	124,298,332	1	1	2	0
Case 107	12	124,303,579	126,433,433	2	1	3	0
Case 107	12	126,436,539	128,537,287	1	1	2	0
Case 107	12	128,538,213	129,299,326	2	1	3	0
Case 107	12	129,299,333	131,797,608	1	1	2	0
Case 107	12	131,800,059	131,971,976	2	1	3	0
Case 107	12	131,972,307	132,624,220	1	1	2	0
Case 107	12	132,624,232	133,810,935	2	1	3	0
Case 107	13	19,058,717	21,715,602	3	1	4	0
Case 107	13	21,722,407	21,725,633	3	0	3	1
Case 107	13	21,728,755	21,746,637	6	1	7	0
Case 107	13	21,747,051	21,923,751	3	0	3	1
Case 107	13	21,923,955	32,749,758	3	1	4	0
Case 107	13	32,750,910	35,012,553	2	1	3	0
Case 107	13	35,017,286	83,448,431	3	1	4	0
Case 107	13	83,458,158	84,981,151	2	1	3	0
Case 107	13	84,982,296	89,259,929	3	1	4	0
Case 107	13	89,266,458	98,729,577	3	0	3	1
Case 107	13	98,730,360	101,935,287	2	1	3	0
Case 107	13	101,936,021	103,143,157	3	1	4	0
Case 107	13	103,144,280	103,577,244	2	1	3	0
Case 107	13	103,581,851	108,752,436	3	1	4	0
Case 107	13	108,757,919	114,131,954	2	1	3	0
Case 107	13	114,134,903	115,103,529	3	1	4	0
Case 107	14	19,280,733	20,711,681	1	0	1	0
Case 107	14	20,711,688	21,638,324	1	1	2	0
Case 107	14	21,646,370	21,977,497	1	0	1	0
Case 107	14	21,977,962	30,870,187	1	1	2	0
Case 107	14	30,872,884	32,184,250	1	0	1	0
Case 107	14	32,204,263	39,413,191	1	1	2	0
Case 107	14	39,413,518	40,180,117	1	0	1	0
Case 107	14	40,183,285	41,773,825	1	1	2	0
Case 107	14	41,776,000	42,249,022	1	0	1	0
Case 107	14	42,251,751	45,400,736	1	1	2	0
Case 107	14	45,403,373	46,046,391	1	0	1	0
Case 107	14	46,051,450	49,696,997	1	1	2	0
Case 107	14	49,699,821	50,992,936	1	0	1	0
Case 107	14	51,025,964	52,922,071	1	1	2	0
Case 107	14	52,922,151	53,283,565	1	0	1	0
Case 107	14	53,289,281	58,669,403	1	1	2	0
Case 107	14	58,669,409	59,033,475	1	0	1	0
Case 107	14	59,039,168	64,061,825	1	1	2	0
Case 107	14	64,065,556	64,679,747	1	0	1	0
Case 107	14	64,680,848	66,509,798	1	1	2	0
Case 107	14	66,513,063	67,854,986	1	0	1	0
Case 107	14	67,857,432	73,756,226	1	1	2	0
Case 107	14	73,756,299	74,601,396	1	0	1	0

Case 107	14	74,631,757	75,154,099	1	1	2	0
Case 107	14	75,159,007	75,678,634	1	0	1	0
Case 107	14	75,682,982	78,694,817	1	1	2	0
Case 107	14	78,696,127	80,363,738	1	0	1	0
Case 107	14	80,373,231	84,463,633	1	1	2	0
Case 107	14	84,470,613	85,191,475	1	0	1	0
Case 107	14	85,192,915	89,680,597	1	1	2	0
Case 107	14	89,681,020	90,864,848	1	0	1	0
Case 107	14	90,866,346	92,102,932	1	1	2	0
Case 107	14	92,103,862	92,583,867	1	0	1	0
Case 107	14	92,583,881	107,287,663	1	1	2	0
Case 107	15	20,034,919	20,212,798	1	0	1	0
Case 107	15	20,612,840	22,427,966	4	0	4	1
Case 107	15	22,652,330	40,866,129	1	1	2	0
Case 107	15	40,866,186	40,952,261	1	0	1	0
Case 107	15	40,959,624	42,127,202	1	1	2	0
Case 107	15	42,127,221	42,178,519	2	1	3	0
Case 107	15	42,179,424	42,459,024	1	1	2	0
Case 107	15	42,459,105	44,959,132	1	0	1	0
Case 107	15	44,961,197	50,519,322	1	1	2	0
Case 107	15	50,521,709	51,265,986	1	0	1	0
Case 107	15	51,276,128	55,351,881	1	1	2	0
Case 107	15	55,352,945	56,321,854	1	0	1	0
Case 107	15	56,324,451	63,690,544	1	1	2	0
Case 107	15	63,691,502	65,030,792	1	0	1	0
Case 107	15	65,031,441	65,714,746	1	1	2	0
Case 107	15	65,718,997	66,198,459	1	0	1	0
Case 107	15	66,199,495	66,553,759	1	1	2	0
Case 107	15	66,556,154	66,850,340	1	0	1	0
Case 107	15	66,850,362	70,949,424	1	1	2	0
Case 107	15	70,951,141	71,349,045	1	0	1	0
Case 107	15	71,359,335	86,420,432	1	1	2	0
Case 107	15	86,427,595	86,943,591	2	0	2	1
Case 107	15	86,947,468	87,701,586	2	1	3	0
Case 107	15	87,705,427	88,414,298	1	1	2	0
Case 107	15	88,419,424	88,736,309	2	1	3	0
Case 107	15	88,736,975	93,576,982	2	0	2	1
Case 107	15	93,577,383	94,878,473	2	1	3	0
Case 107	15	94,880,611	97,160,237	2	0	2	1
Case 107	15	97,160,776	102,461,162	1	1	2	0
Case 107	16	88,165	2,348,517	2	1	3	0
Case 107	16	2,348,518	4,033,324	1	1	2	0
Case 107	16	4,033,436	5,671,694	2	1	3	0
Case 107	16	5,672,424	8,731,353	1	1	2	0
Case 107	16	8,732,950	9,034,826	2	0	2	1
Case 107	16	9,035,124	9,930,055	2	1	3	0
Case 107	16	9,934,936	11,647,492	2	0	2	1
Case 107	16	11,647,497	12,510,643	1	1	2	0
Case 107	16	12,511,485	12,778,076	2	1	3	0
Case 107	16	12,780,440	27,356,203	1	1	2	0
Case 107	16	27,356,224	31,090,452	2	0	2	1
Case 107	16	31,090,645	31,737,373	2	1	3	0
Case 107	16	31,743,663	35,285,582	2	0	2	1
Case 107	16	46,450,037	46,652,126	2	0	2	1
Case 107	16	46,652,188	49,685,684	3	0	3	1
Case 107	16	49,685,986	52,990,046	4	0	4	1
Case 107	16	52,997,498	52,997,863	1	1	2	0
Case 107	16	53,010,486	55,845,351	7	0	7	1
Case 107	16	55,850,708	58,511,896	1	1	2	0
Case 107	16	58,515,425	59,078,337	1	0	1	0
Case 107	16	59,080,387	61,283,766	1	1	2	0

Case 107	16	61,307,058	62,459,308	1	0	1	0
Case 107	16	62,468,804	68,083,442	1	1	2	0
Case 107	16	68,099,821	69,454,734	1	0	1	0
Case 107	16	69,455,528	70,954,915	1	1	2	0
Case 107	16	70,954,956	72,992,667	1	0	1	0
Case 107	16	72,992,763	73,869,949	1	1	2	0
Case 107	16	73,875,786	75,225,548	1	0	1	0
Case 107	16	75,225,948	77,323,210	1	1	2	0
Case 107	16	77,323,211	77,692,030	1	0	1	0
Case 107	16	77,694,091	78,386,295	1	1	2	0
Case 107	16	78,387,304	78,837,743	1	0	1	0
Case 107	16	78,837,772	81,008,860	1	1	2	0
Case 107	16	81,009,899	81,171,635	1	0	1	0
Case 107	16	81,172,338	84,093,697	1	1	2	0
Case 107	16	84,094,363	84,209,609	1	0	1	0
Case 107	16	84,209,660	90,274,695	1	1	2	0
Case 107	17	11,885	1,945,995	2	0	2	1
Case 107	17	1,945,998	2,453,908	1	0	1	0
Case 107	17	2,455,523	3,935,223	2	0	2	1
Case 107	17	3,936,043	4,278,835	1	0	1	0
Case 107	17	4,299,256	4,315,506	1	1	2	0
Case 107	17	4,319,606	4,385,099	7	0	7	1
Case 107	17	4,385,503	10,253,908	2	0	2	1
Case 107	17	10,258,433	10,534,983	1	0	1	0
Case 107	17	10,535,216	10,542,471	1	1	2	0
Case 107	17	10,542,472	20,676,134	2	0	2	1
Case 107	17	20,681,137	20,816,341	2	1	3	0
Case 107	17	20,819,995	21,490,090	4	1	5	0
Case 107	17	21,503,147	21,528,062	7	0	7	1
Case 107	17	21,539,613	22,242,355	1	1	2	0
Case 107	17	25,268,142	25,373,369	1	1	2	0
Case 107	17	25,375,921	27,448,045	2	1	3	0
Case 107	17	27,448,121	29,663,677	1	1	2	0
Case 107	17	29,663,884	36,891,573	2	1	3	0
Case 107	17	36,892,403	37,303,198	1	1	2	0
Case 107	17	37,316,988	37,343,130	7	0	7	1
Case 107	17	37,347,839	37,627,837	1	1	2	0
Case 107	17	37,629,484	40,841,001	2	1	3	0
Case 107	17	40,841,014	41,776,686	1	1	2	0
Case 107	17	41,780,484	43,313,597	2	1	3	0
Case 107	17	43,318,566	45,005,095	2	0	2	1
Case 107	17	45,006,896	45,772,932	1	0	1	0
Case 107	17	45,773,594	45,822,472	1	1	2	0
Case 107	17	45,822,901	56,581,490	2	0	2	1
Case 107	17	56,581,506	60,664,361	1	1	2	0
Case 107	17	60,669,332	61,820,902	2	1	3	0
Case 107	17	61,822,223	63,995,268	1	1	2	0
Case 107	17	64,001,862	65,630,262	2	1	3	0
Case 107	17	65,631,670	66,928,473	1	1	2	0
Case 107	17	66,928,538	69,111,098	2	1	3	0
Case 107	17	69,115,146	70,004,689	2	0	2	1
Case 107	17	70,015,234	70,021,748	3	0	3	1
Case 107	17	70,023,827	70,790,286	2	2	4	0
Case 107	17	70,790,777	70,870,511	3	0	3	1
Case 107	17	70,877,779	76,559,529	2	1	3	0
Case 107	17	76,559,768	76,834,760	1	1	2	0
Case 107	17	76,839,135	76,909,235	2	1	3	0
Case 107	17	76,913,843	77,079,876	3	0	3	1
Case 107	17	77,080,633	77,080,700	2	1	3	0
Case 107	17	77,080,751	81,060,040	2	2	4	0
Case 107	18	87,505	15,375,878	1	1	2	0



Case 107	18	18,520,354	72,550,168	1	1	2	0
Case 107	18	72,551,054	72,914,075	2	1	3	0
Case 107	18	72,914,108	77,288,806	1	1	2	0
Case 107	18	77,290,985	78,015,180	2	1	3	0
Case 107	19	260,912	9,243,258	2	0	2	1
Case 107	19	9,246,205	9,251,220	3	0	3	1
Case 107	19	9,253,139	9,921,880	0	0	0	0
Case 107	19	9,921,889	11,905,343	2	0	2	1
Case 107	19	11,908,397	11,915,185	3	0	3	1
Case 107	19	11,916,890	12,188,266	0	0	0	0
Case 107	19	12,196,190	12,196,190	1	0	1	0
Case 107	19	12,199,755	12,202,441	3	0	3	1
Case 107	19	12,214,585	12,214,585	1	0	1	0
Case 107	19	12,221,700	19,887,292	2	0	2	1
Case 107	19	19,887,578	20,866,028	1	0	1	0
Case 107	19	20,873,090	24,629,285	2	0	2	1
Case 107	19	27,732,159	36,871,730	2	0	2	1
Case 107	19	36,876,843	38,138,716	1	0	1	0
Case 107	19	38,138,887	40,363,916	2	0	2	1
Case 107	19	40,363,917	40,446,140	3	0	3	1
Case 107	19	40,447,257	40,657,509	0	0	0	0
Case 107	19	40,658,577	40,875,874	3	0	3	1
Case 107	19	40,876,029	44,467,096	2	0	2	1
Case 107	19	44,467,405	44,681,875	1	0	1	0
Case 107	19	44,686,807	44,696,257	1	1	2	0
Case 107	19	44,702,679	52,496,149	2	0	2	1
Case 107	19	52,496,176	54,109,471	1	0	1	0
Case 107	19	54,109,807	56,816,415	2	0	2	1
Case 107	19	56,821,673	57,132,942	1	0	1	0
Case 107	19	57,132,968	57,133,017	1	1	2	0
Case 107	19	57,133,077	57,608,342	2	0	2	1
Case 107	19	57,608,596	58,505,240	1	0	1	0
Case 107	19	58,506,237	58,565,052	1	1	2	0
Case 107	19	58,565,178	59,097,160	2	0	2	1
Case 107	20	63,244	91,707	3	0	3	1
Case 107	20	92,527	145,853	4	0	4	1
Case 107	20	153,267	3,268,330	1	1	2	0
Case 107	20	3,274,852	3,624,704	1	0	1	0
Case 107	20	3,624,844	5,833,688	1	1	2	0
Case 107	20	5,834,483	6,016,236	1	0	1	0
Case 107	20	6,017,539	23,375,624	1	1	2	0
Case 107	20	23,377,717	25,305,250	7	0	7	1
Case 107	20	25,319,976	26,293,985	3	0	3	1
Case 107	20	29,425,357	39,833,324	3	0	3	1
Case 107	20	39,833,403	42,885,823	5	0	5	1
Case 107	20	42,885,925	42,969,948	3	0	3	1
Case 107	20	42,970,854	43,400,262	7	0	7	1
Case 107	20	43,402,696	43,430,490	3	0	3	1
Case 107	20	43,436,437	43,836,062	5	0	5	1
Case 107	20	43,836,173	43,851,523	3	0	3	1
Case 107	20	43,851,696	50,220,677	5	0	5	1
Case 107	20	50,221,553	50,455,228	3	0	3	1
Case 107	20	50,459,530	61,588,822	5	0	5	1
Case 107	20	61,591,049	62,226,971	6	0	6	1
Case 107	20	62,227,062	62,948,788	5	0	5	1
Case 107	21	10,827,533	10,971,337	1	0	1	0
Case 107	21	14,368,320	18,166,080	1	0	1	0
Case 107	21	18,171,830	19,719,426	1	1	2	0
Case 107	21	19,720,601	20,808,841	1	0	1	0
Case 107	21	20,809,053	21,637,719	1	1	2	0
Case 107	21	21,639,279	23,252,845	1	0	1	0

Case 107	21	23,254,055	25,022,446	1	1	2	0
Case 107	21	25,025,157	28,717,815	1	0	1	0
Case 107	21	28,721,847	30,271,099	1	1	2	0
Case 107	21	30,274,205	30,927,772	1	0	1	0
Case 107	21	30,931,631	33,729,530	1	1	2	0
Case 107	21	33,735,605	34,166,479	1	0	1	0
Case 107	21	34,166,480	34,516,762	1	1	2	0
Case 107	21	34,518,330	35,202,591	1	0	1	0
Case 107	21	35,206,880	38,390,130	1	1	2	0
Case 107	21	38,390,173	38,905,245	1	0	1	0
Case 107	21	38,906,782	40,489,027	1	1	2	0
Case 107	21	40,490,396	40,926,633	1	0	1	0
Case 107	21	40,928,536	48,100,155	1	1	2	0
Case 107	22	16,114,244	41,223,206	2	0	2	1
Case 107	22	41,223,211	41,913,844	1	0	1	0
Case 107	22	41,919,330	41,924,556	1	1	2	0
Case 107	22	41,924,573	46,448,819	2	0	2	1
Case 107	22	46,454,208	46,752,829	1	0	1	0
Case 107	22	46,753,179	46,795,723	1	1	2	0
Case 107	22	46,795,742	51,195,728	2	0	2	1
Case 108	1	82,154	17,228,131	3	0	3	1
Case 108	1	17,248,532	17,266,464	2	0	2	1
Case 108	1	17,270,614	35,454,473	3	0	3	1
Case 108	1	35,454,498	35,871,036	2	0	2	1
Case 108	1	35,873,611	40,921,238	3	0	3	1
Case 108	1	40,922,062	40,961,449	2	0	2	1
Case 108	1	40,961,562	51,826,853	3	0	3	1
Case 108	1	51,826,921	52,221,995	2	0	2	1
Case 108	1	52,222,016	52,631,292	3	0	3	1
Case 108	1	52,636,517	52,732,490	2	0	2	1
Case 108	1	52,734,221	52,897,395	3	0	3	1
Case 108	1	52,901,119	53,045,440	2	0	2	1
Case 108	1	53,050,461	62,666,518	3	0	3	1
Case 108	1	62,672,381	62,675,539	2	0	2	1
Case 108	1	62,675,667	70,671,201	3	0	3	1
Case 108	1	70,675,693	70,744,507	2	0	2	1
Case 108	1	70,750,558	70,986,547	1	0	1	0
Case 108	1	70,990,002	70,993,695	2	1	3	0
Case 108	1	70,995,562	92,358,371	3	0	3	1
Case 108	1	92,359,242	92,882,554	2	0	2	1
Case 108	1	92,885,523	96,566,226	3	0	3	1
Case 108	1	96,578,814	98,948,007	2	2	4	0
Case 108	1	98,952,064	103,467,615	3	0	3	1
Case 108	1	103,468,332	103,548,505	2	0	2	1
Case 108	1	103,551,498	111,276,629	3	0	3	1
Case 108	1	111,288,171	111,322,647	5	1	6	0
Case 108	1	111,324,727	112,019,467	6	1	7	0
Case 108	1	112,020,320	112,045,709	5	1	6	0
Case 108	1	112,045,734	112,153,539	6	1	7	0
Case 108	1	112,156,965	112,156,965	2	0	2	1
Case 108	1	112,161,635	113,460,049	3	0	3	1
Case 108	1	113,460,055	113,497,629	2	0	2	1
Case 108	1	113,502,552	114,539,586	3	0	3	1
Case 108	1	114,541,498	119,104,373	2	2	4	0
Case 108	1	119,106,612	119,253,426	6	1	7	0
Case 108	1	119,255,045	119,555,759	5	1	6	0
Case 108	1	119,562,382	120,415,364	6	1	7	0
Case 108	1	120,418,844	120,471,739	5	1	6	0
Case 108	1	120,478,125	121,346,616	2	1	3	0
Case 108	1	142,649,718	145,533,451	2	1	3	0
Case 108	1	145,533,551	150,371,394	2	2	4	0

Case 108	1	150,388,318	150,471,443	2	1	3	0
Case 108	1	150,478,134	151,023,674	2	2	4	0
Case 108	1	151,028,154	151,173,113	2	1	3	0
Case 108	1	151,174,772	196,712,594	2	2	4	0
Case 108	1	196,712,596	196,771,125	3	0	3	1
Case 108	1	196,801,025	196,892,322	2	0	2	1
Case 108	1	196,901,753	196,920,123	3	0	3	1
Case 108	1	196,922,860	235,338,600	2	2	4	0
Case 108	1	235,338,618	235,756,737	2	1	3	0
Case 108	1	235,756,821	246,887,744	2	2	4	0
Case 108	1	246,888,053	246,923,861	2	1	3	0
Case 108	1	246,928,540	246,988,179	2	2	4	0
Case 108	1	246,992,698	247,151,487	2	1	3	0
Case 108	1	247,151,557	249,218,992	2	2	4	0
Case 108	2	18,674	18,674	5	1	6	0
Case 108	2	18,856	224,919	6	1	7	0
Case 108	2	226,933	4,173,729	5	1	6	0
Case 108	2	4,176,692	4,952,078	6	1	7	0
Case 108	2	4,957,189	5,001,482	5	1	6	0
Case 108	2	5,173,840	8,048,559	2	1	3	0
Case 108	2	8,050,508	8,707,888	2	2	4	0
Case 108	2	8,712,608	10,969,328	2	1	3	0
Case 108	2	10,970,124	11,273,626	2	2	4	0
Case 108	2	11,273,757	13,133,155	2	1	3	0
Case 108	2	13,134,803	13,366,874	2	2	4	0
Case 108	2	13,368,225	14,361,100	2	1	3	0
Case 108	2	14,361,674	14,971,042	2	2	4	0
Case 108	2	14,974,431	16,740,728	2	1	3	0
Case 108	2	16,741,442	17,453,968	2	2	4	0
Case 108	2	17,463,198	19,394,782	2	1	3	0
Case 108	2	19,400,895	20,084,133	2	2	4	0
Case 108	2	20,084,387	20,253,754	2	1	3	0
Case 108	2	20,256,192	20,402,626	2	2	4	0
Case 108	2	20,402,890	20,704,614	2	1	3	0
Case 108	2	20,705,910	20,897,345	2	2	4	0
Case 108	2	20,897,536	23,218,255	2	1	3	0
Case 108	2	23,223,292	23,382,331	2	2	4	0
Case 108	2	23,383,825	23,546,661	2	1	3	0
Case 108	2	23,548,614	23,898,317	2	2	4	0
Case 108	2	23,898,966	28,542,345	2	1	3	0
Case 108	2	28,545,109	28,587,020	2	2	4	0
Case 108	2	28,587,051	41,623,189	2	1	3	0
Case 108	2	41,630,684	42,038,874	2	2	4	0
Case 108	2	42,041,338	45,343,740	2	1	3	0
Case 108	2	45,346,666	45,530,632	2	2	4	0
Case 108	2	45,532,011	47,011,834	2	1	3	0
Case 108	2	47,012,594	47,278,990	2	2	4	0
Case 108	2	47,279,605	52,202,951	2	1	3	0
Case 108	2	52,215,641	52,264,332	2	2	4	0
Case 108	2	52,265,663	60,064,501	2	1	3	0
Case 108	2	60,068,526	60,294,601	2	2	4	0
Case 108	2	60,295,277	66,060,863	2	1	3	0
Case 108	2	66,062,059	66,149,357	2	2	4	0
Case 108	2	66,149,484	71,897,075	2	1	3	0
Case 108	2	71,899,180	72,161,465	2	2	4	0
Case 108	2	72,164,293	73,868,736	2	1	3	0
Case 108	2	73,869,666	73,932,044	2	2	4	0
Case 108	2	73,937,901	75,268,803	2	1	3	0
Case 108	2	75,269,064	75,541,353	2	2	4	0
Case 108	2	75,546,653	92,081,640	2	1	3	0
Case 108	2	95,429,424	141,340,626	2	1	3	0

Case 108	2	141,343,100	141,350,100	1	0	1	0
Case 108	2	141,354,396	145,640,663	2	1	3	0
Case 108	2	145,646,072	145,684,278	1	0	1	0
Case 108	2	145,702,147	154,574,231	2	1	3	0
Case 108	2	154,582,564	154,783,869	1	1	2	0
Case 108	2	154,800,999	155,038,788	2	1	3	0
Case 108	2	155,053,140	155,605,737	2	0	2	1
Case 108	2	155,606,965	155,647,666	1	0	1	0
Case 108	2	155,647,819	155,647,819	2	1	3	0
Case 108	2	155,648,521	155,648,521	1	0	1	0
Case 108	2	155,649,338	155,668,615	1	1	2	0
Case 108	2	155,682,556	156,003,177	1	0	1	0
Case 108	2	156,011,900	183,346,071	2	1	3	0
Case 108	2	183,347,174	183,582,868	2	0	2	1
Case 108	2	183,584,755	183,666,932	3	0	3	1
Case 108	2	183,667,233	184,613,551	2	1	3	0
Case 108	2	184,614,354	185,210,610	2	0	2	1
Case 108	2	185,212,246	185,212,246	1	0	1	0
Case 108	2	185,217,338	203,738,181	2	1	3	0
Case 108	2	203,740,672	204,101,328	1	1	2	0
Case 108	2	204,105,996	243,048,760	2	1	3	0
Case 108	3	61,495	8,323,456	3	0	3	1
Case 108	3	8,323,828	8,851,872	4	0	4	1
Case 108	3	8,854,136	8,995,186	3	0	3	1
Case 108	3	8,996,747	9,266,056	4	0	4	1
Case 108	3	9,271,859	10,443,090	3	0	3	1
Case 108	3	10,446,826	11,092,264	4	0	4	1
Case 108	3	11,092,828	12,803,792	3	0	3	1
Case 108	3	12,805,910	13,425,416	4	0	4	1
Case 108	3	13,426,610	13,478,434	3	0	3	1
Case 108	3	13,480,595	14,519,102	4	0	4	1
Case 108	3	14,520,036	16,639,754	3	0	3	1
Case 108	3	16,640,068	16,926,699	4	0	4	1
Case 108	3	16,929,088	24,197,273	3	0	3	1
Case 108	3	24,198,726	24,290,280	4	0	4	1
Case 108	3	24,292,825	24,928,351	3	0	3	1
Case 108	3	24,930,256	25,275,474	4	0	4	1
Case 108	3	25,290,005	26,874,626	3	0	3	1
Case 108	3	26,877,202	27,152,266	4	0	4	1
Case 108	3	27,161,663	27,937,774	3	0	3	1
Case 108	3	27,938,455	28,132,490	4	0	4	1
Case 108	3	28,137,183	30,118,503	3	0	3	1
Case 108	3	30,118,718	30,594,168	4	0	4	1
Case 108	3	30,594,586	30,729,636	3	0	3	1
Case 108	3	30,730,239	30,825,421	4	0	4	1
Case 108	3	30,827,898	31,106,139	3	0	3	1
Case 108	3	31,110,187	31,285,081	4	0	4	1
Case 108	3	31,288,543	38,574,968	3	0	3	1
Case 108	3	38,575,751	38,730,117	4	0	4	1
Case 108	3	38,736,230	40,771,143	3	0	3	1
Case 108	3	40,786,674	41,169,335	4	0	4	1
Case 108	3	41,177,604	52,522,218	3	0	3	1
Case 108	3	52,522,297	52,550,569	4	0	4	1
Case 108	3	52,550,590	59,253,941	3	0	3	1
Case 108	3	59,259,043	59,631,424	4	0	4	1
Case 108	3	59,635,215	60,860,868	3	0	3	1
Case 108	3	60,871,882	60,871,882	2	0	2	1
Case 108	3	60,874,077	61,239,571	0	0	0	0
Case 108	3	61,241,178	61,241,178	2	0	2	1
Case 108	3	61,253,045	64,673,815	3	0	3	1
Case 108	3	64,674,346	64,792,082	4	0	4	1

Case 108	3	64,793,581	84,585,678	3	0	3	1
Case 108	3	84,623,711	90,442,925	3	1	4	0
Case 108	3	93,537,290	99,015,616	3	0	3	1
Case 108	3	99,031,898	103,468,070	3	1	4	0
Case 108	3	103,470,236	103,487,522	2	2	4	0
Case 108	3	103,492,587	104,396,611	3	2	5	0
Case 108	3	104,404,772	160,941,318	3	1	4	0
Case 108	3	160,946,769	161,102,097	2	2	4	0
Case 108	3	161,102,127	162,373,246	3	2	5	0
Case 108	3	162,376,870	162,992,009	2	2	4	0
Case 108	3	162,997,262	164,807,679	3	2	5	0
Case 108	3	164,854,410	164,854,410	3	0	3	1
Case 108	3	164,871,580	174,980,714	3	1	4	0
Case 108	3	174,985,106	174,996,509	2	2	4	0
Case 108	3	175,001,029	175,211,606	2	1	3	0
Case 108	3	175,215,959	175,497,466	2	2	4	0
Case 108	3	175,507,453	176,691,296	3	2	5	0
Case 108	3	176,695,772	176,695,772	3	0	3	1
Case 108	3	176,703,201	197,670,651	3	1	4	0
Case 108	3	197,670,652	197,766,946	2	2	4	0
Case 108	3	197,775,758	197,838,262	6	1	7	0
Case 108	4	71,566	333,310	3	0	3	1
Case 108	4	337,587	438,080	2	0	2	1
Case 108	4	442,021	2,209,899	3	0	3	1
Case 108	4	2,209,922	2,240,734	2	0	2	1
Case 108	4	2,242,247	40,104,609	3	0	3	1
Case 108	4	40,104,646	40,158,464	2	0	2	1
Case 108	4	40,162,971	49,620,898	3	0	3	1
Case 108	4	52,697,856	58,412,269	3	0	3	1
Case 108	4	58,412,380	58,655,901	2	0	2	1
Case 108	4	58,662,041	59,304,973	3	0	3	1
Case 108	4	59,319,223	60,268,638	2	0	2	1
Case 108	4	60,275,069	61,866,264	3	0	3	1
Case 108	4	61,871,415	63,084,429	2	0	2	1
Case 108	4	63,096,403	64,625,606	3	0	3	1
Case 108	4	64,662,510	73,205,243	4	0	4	1
Case 108	4	73,245,191	73,854,103	5	0	5	1
Case 108	4	73,854,191	73,854,191	2	0	2	1
Case 108	4	73,854,746	76,264,496	4	0	4	1
Case 108	4	76,268,697	77,102,168	3	0	3	1
Case 108	4	77,102,169	83,218,230	4	0	4	1
Case 108	4	83,237,661	83,610,429	3	0	3	1
Case 108	4	83,613,357	83,659,974	4	0	4	1
Case 108	4	83,660,842	84,400,120	3	0	3	1
Case 108	4	84,408,013	84,870,572	4	0	4	1
Case 108	4	84,879,860	85,654,590	5	0	5	1
Case 108	4	85,661,400	90,170,625	2	0	2	1
Case 108	4	90,170,669	90,372,566	3	0	3	1
Case 108	4	90,372,847	94,725,853	2	0	2	1
Case 108	4	94,727,622	94,775,266	3	0	3	1
Case 108	4	94,777,861	119,896,186	2	0	2	1
Case 108	4	119,896,331	119,956,411	3	0	3	1
Case 108	4	119,962,741	152,567,239	2	0	2	1
Case 108	4	152,568,478	152,818,704	3	0	3	1
Case 108	4	152,825,600	153,895,836	2	0	2	1
Case 108	4	153,895,839	154,017,964	3	0	3	1
Case 108	4	154,020,068	154,667,382	2	0	2	1
Case 108	4	154,669,846	154,864,750	3	0	3	1
Case 108	4	154,867,538	155,777,864	2	0	2	1
Case 108	4	155,778,844	155,833,011	3	0	3	1
Case 108	4	155,835,510	184,902,533	2	0	2	1

Case 108	4	184,905,482	185,215,134	3	0	3	1
Case 108	4	185,217,303	185,323,726	2	0	2	1
Case 108	4	185,324,939	185,436,378	3	0	3	1
Case 108	4	185,440,669	185,870,383	2	0	2	1
Case 108	4	185,872,178	185,940,205	3	0	3	1
Case 108	4	185,940,785	187,394,590	2	0	2	1
Case 108	4	187,403,169	187,524,714	3	0	3	1
Case 108	4	187,524,923	187,614,434	2	0	2	1
Case 108	4	187,621,281	187,630,597	3	0	3	1
Case 108	4	187,630,813	190,963,766	2	0	2	1
Case 108	5	38,139	195,323	2	2	4	0
Case 108	5	200,868	964,250	2	1	3	0
Case 108	5	965,618	1,212,357	2	2	4	0
Case 108	5	1,212,445	1,243,873	2	1	3	0
Case 108	5	1,244,330	1,594,995	2	2	4	0
Case 108	5	1,612,612	1,850,563	2	1	3	0
Case 108	5	1,852,284	2,509,474	2	2	4	0
Case 108	5	2,513,346	2,543,192	2	1	3	0
Case 108	5	2,544,880	2,970,320	2	2	4	0
Case 108	5	2,972,677	3,095,939	2	1	3	0
Case 108	5	3,096,001	3,134,879	2	2	4	0
Case 108	5	3,138,553	3,579,516	2	1	3	0
Case 108	5	3,580,400	4,281,622	2	2	4	0
Case 108	5	4,281,719	5,121,337	2	1	3	0
Case 108	5	5,123,214	5,202,232	2	2	4	0
Case 108	5	5,202,753	5,798,853	2	1	3	0
Case 108	5	5,800,497	5,916,224	2	2	4	0
Case 108	5	5,916,337	6,547,317	2	1	3	0
Case 108	5	6,548,889	6,613,827	2	2	4	0
Case 108	5	6,616,277	9,610,282	2	1	3	0
Case 108	5	9,616,496	10,152,686	2	2	4	0
Case 108	5	10,158,297	27,577,544	2	1	3	0
Case 108	5	27,583,734	27,748,053	2	2	4	0
Case 108	5	27,769,954	31,075,755	2	1	3	0
Case 108	5	31,076,540	31,284,709	2	2	4	0
Case 108	5	31,285,782	32,843,434	2	1	3	0
Case 108	5	32,843,583	33,011,986	2	2	4	0
Case 108	5	33,017,254	38,716,873	2	1	3	0
Case 108	5	38,722,734	38,756,294	5	1	6	0
Case 108	5	38,757,335	38,917,574	6	1	7	0
Case 108	5	38,917,669	38,933,645	5	1	6	0
Case 108	5	38,933,749	39,124,016	6	1	7	0
Case 108	5	39,126,145	40,096,079	5	1	6	0
Case 108	5	40,096,156	40,258,578	6	1	7	0
Case 108	5	40,267,930	44,051,305	5	1	6	0
Case 108	5	44,059,937	44,800,665	6	1	7	0
Case 108	5	44,809,066	44,809,408	2	2	4	0
Case 108	5	44,809,548	46,399,093	6	1	7	0
Case 108	5	49,457,282	51,070,843	2	0	2	1
Case 108	5	51,092,307	53,970,118	6	1	7	0
Case 108	5	53,975,846	54,674,296	5	1	6	0
Case 108	5	54,674,967	55,738,764	2	0	2	1
Case 108	5	55,740,340	55,988,778	3	0	3	1
Case 108	5	55,990,143	56,777,481	2	0	2	1
Case 108	5	56,777,508	56,785,096	3	0	3	1
Case 108	5	56,789,327	60,822,115	2	0	2	1
Case 108	5	60,825,947	60,999,768	3	0	3	1
Case 108	5	60,999,831	61,071,912	2	0	2	1
Case 108	5	61,080,390	61,312,387	3	0	3	1
Case 108	5	61,338,462	65,609,661	2	0	2	1
Case 108	5	65,614,238	65,662,570	3	0	3	1

Case 108	5	65,665,913	67,728,508	2	0	2	1
Case 108	5	67,729,637	67,776,535	3	0	3	1
Case 108	5	67,777,856	71,260,614	2	0	2	1
Case 108	5	71,260,673	71,437,262	3	0	3	1
Case 108	5	71,441,589	72,408,246	2	0	2	1
Case 108	5	72,408,589	72,690,460	3	0	3	1
Case 108	5	72,698,328	73,452,467	2	0	2	1
Case 108	5	73,455,955	73,569,263	3	0	3	1
Case 108	5	73,575,358	95,728,710	2	0	2	1
Case 108	5	95,728,863	95,842,987	3	0	3	1
Case 108	5	95,844,921	107,877,657	2	0	2	1
Case 108	5	107,881,274	111,814,948	3	0	3	1
Case 108	5	111,815,721	115,696,118	2	0	2	1
Case 108	5	115,698,959	115,795,188	3	0	3	1
Case 108	5	115,796,103	121,487,918	2	0	2	1
Case 108	5	121,487,954	121,489,122	3	0	3	1
Case 108	5	121,492,603	123,587,152	2	0	2	1
Case 108	5	123,587,452	123,736,406	3	0	3	1
Case 108	5	123,737,922	126,699,347	2	0	2	1
Case 108	5	126,701,190	126,798,031	3	0	3	1
Case 108	5	126,805,804	127,260,499	2	0	2	1
Case 108	5	127,266,725	127,450,346	4	0	4	1
Case 108	5	127,468,177	131,312,327	2	0	2	1
Case 108	5	131,312,380	131,436,896	3	0	3	1
Case 108	5	131,447,104	131,530,411	2	0	2	1
Case 108	5	131,533,444	131,653,925	3	0	3	1
Case 108	5	131,656,517	131,986,463	2	0	2	1
Case 108	5	131,992,409	132,001,386	3	0	3	1
Case 108	5	132,008,016	132,535,046	2	0	2	1
Case 108	5	132,535,191	132,742,865	3	0	3	1
Case 108	5	132,744,119	132,761,691	2	0	2	1
Case 108	5	132,765,214	133,224,404	3	0	3	1
Case 108	5	133,226,649	133,823,078	2	0	2	1
Case 108	5	133,826,527	133,930,528	3	0	3	1
Case 108	5	133,942,478	134,305,197	2	0	2	1
Case 108	5	134,305,646	134,644,855	3	0	3	1
Case 108	5	134,652,489	134,768,821	2	0	2	1
Case 108	5	134,769,827	135,259,846	3	0	3	1
Case 108	5	135,261,332	135,310,491	2	0	2	1
Case 108	5	135,311,863	135,424,352	3	0	3	1
Case 108	5	135,426,282	135,587,402	2	0	2	1
Case 108	5	135,589,692	135,758,057	3	0	3	1
Case 108	5	135,762,742	136,435,483	2	0	2	1
Case 108	5	136,439,139	136,613,156	3	0	3	1
Case 108	5	136,614,606	136,832,279	2	0	2	1
Case 108	5	136,834,138	136,934,484	4	0	4	1
Case 108	5	136,940,216	138,992,703	3	0	3	1
Case 108	5	139,026,616	139,276,664	4	0	4	1
Case 108	5	139,276,748	139,931,620	2	0	2	1
Case 108	5	139,931,629	139,931,653	0	0	0	0
Case 108	5	139,931,655	140,718,552	2	0	2	1
Case 108	5	140,718,566	140,751,698	3	0	3	1
Case 108	5	140,752,104	140,797,630	2	0	2	1
Case 108	5	140,797,827	140,895,377	3	0	3	1
Case 108	5	140,899,268	141,026,812	2	0	2	1
Case 108	5	141,026,884	141,337,145	3	0	3	1
Case 108	5	141,337,176	142,817,607	2	0	2	1
Case 108	5	142,818,306	142,917,007	3	0	3	1
Case 108	5	142,922,087	148,178,371	2	0	2	1
Case 108	5	148,179,160	148,261,996	3	0	3	1
Case 108	5	148,267,406	148,431,804	2	0	2	1

Case 108	5	148,431,964	148,695,825	3	0	3	1
Case 108	5	148,695,827	148,752,968	2	0	2	1
Case 108	5	148,753,999	148,846,557	3	0	3	1
Case 108	5	148,851,149	149,003,627	2	0	2	1
Case 108	5	149,004,827	149,061,981	3	0	3	1
Case 108	5	149,064,858	149,119,815	2	0	2	1
Case 108	5	149,124,228	149,251,539	3	0	3	1
Case 108	5	149,253,914	149,435,759	2	0	2	1
Case 108	5	149,436,930	149,596,241	3	0	3	1
Case 108	5	149,596,955	150,376,966	2	0	2	1
Case 108	5	150,381,243	150,498,929	3	0	3	1
Case 108	5	150,498,939	150,518,321	2	0	2	1
Case 108	5	150,518,532	150,565,008	3	0	3	1
Case 108	5	150,565,724	150,810,733	2	0	2	1
Case 108	5	150,820,233	150,901,242	3	0	3	1
Case 108	5	150,901,261	150,945,261	2	0	2	1
Case 108	5	150,945,465	150,948,290	3	0	3	1
Case 108	5	150,951,581	153,674,032	2	0	2	1
Case 108	5	153,674,472	153,767,845	3	0	3	1
Case 108	5	153,768,664	154,160,742	2	0	2	1
Case 108	5	154,169,933	154,203,264	3	0	3	1
Case 108	5	154,205,452	154,750,384	2	0	2	1
Case 108	5	154,757,969	154,975,163	3	0	3	1
Case 108	5	154,975,827	158,743,719	2	0	2	1
Case 108	5	158,743,788	158,881,497	3	0	3	1
Case 108	5	158,882,027	167,169,471	2	0	2	1
Case 108	5	167,172,505	167,675,135	3	0	3	1
Case 108	5	167,675,370	168,080,299	2	0	2	1
Case 108	5	168,082,455	168,734,887	3	0	3	1
Case 108	5	168,749,737	169,347,388	2	0	2	1
Case 108	5	169,348,810	169,647,831	3	0	3	1
Case 108	5	169,648,022	169,708,691	2	0	2	1
Case 108	5	169,715,038	170,197,358	3	0	3	1
Case 108	5	170,197,779	170,915,499	2	0	2	1
Case 108	5	170,915,685	171,281,875	3	0	3	1
Case 108	5	171,283,469	171,865,548	2	0	2	1
Case 108	5	171,866,575	172,179,584	3	0	3	1
Case 108	5	172,188,213	172,709,271	2	0	2	1
Case 108	5	172,710,744	173,349,116	3	0	3	1
Case 108	5	173,352,763	173,554,239	2	0	2	1
Case 108	5	173,555,382	173,601,819	3	0	3	1
Case 108	5	173,602,922	175,022,459	2	0	2	1
Case 108	5	175,023,656	175,204,022	3	0	3	1
Case 108	5	175,204,783	176,086,083	2	0	2	1
Case 108	5	176,091,411	176,311,090	3	0	3	1
Case 108	5	176,314,060	176,793,319	2	0	2	1
Case 108	5	176,794,191	176,833,218	3	0	3	1
Case 108	5	176,834,345	177,638,965	2	0	2	1
Case 108	5	177,640,034	177,673,400	3	0	3	1
Case 108	5	177,673,423	177,748,169	2	0	2	1
Case 108	5	177,749,643	177,942,798	3	0	3	1
Case 108	5	177,948,971	178,406,388	2	0	2	1
Case 108	5	178,406,467	178,419,000	3	0	3	1
Case 108	5	178,421,770	178,513,141	2	0	2	1
Case 108	5	178,516,483	178,555,045	3	0	3	1
Case 108	5	178,555,097	178,652,282	2	0	2	1
Case 108	5	178,658,161	178,712,059	3	0	3	1
Case 108	5	178,713,712	179,264,633	2	0	2	1
Case 108	5	179,264,666	179,367,026	3	0	3	1
Case 108	5	179,368,372	180,457,135	2	0	2	1
Case 108	5	180,458,813	180,493,362	3	0	3	1



Case 108	5	180,493,946	180,693,127	2	0	2	1
Case 108	6	108,666	6,819,029	2	2	4	0
Case 108	6	6,823,042	7,156,901	3	0	3	1
Case 108	6	7,166,238	17,226,021	2	2	4	0
Case 108	6	17,226,085	17,871,852	2	1	3	0
Case 108	6	17,873,622	26,184,041	2	2	4	0
Case 108	6	26,184,617	26,287,256	3	0	3	1
Case 108	6	26,289,435	27,376,695	3	1	4	0
Case 108	6	27,376,910	27,879,289	3	0	3	1
Case 108	6	27,879,395	28,616,327	2	2	4	0
Case 108	6	28,620,197	28,784,031	2	1	3	0
Case 108	6	28,784,106	30,671,634	2	2	4	0
Case 108	6	30,671,650	30,682,856	2	1	3	0
Case 108	6	30,684,471	30,874,165	2	2	4	0
Case 108	6	30,874,308	30,882,513	2	1	3	0
Case 108	6	30,882,634	31,021,860	2	2	4	0
Case 108	6	31,022,113	31,033,509	2	1	3	0
Case 108	6	31,034,173	31,208,340	2	2	4	0
Case 108	6	31,208,610	31,243,884	2	1	3	0
Case 108	6	31,244,021	35,715,362	2	2	4	0
Case 108	6	35,715,420	36,076,169	2	1	3	0
Case 108	6	36,076,280	43,279,721	2	2	4	0
Case 108	6	43,281,767	43,365,360	2	1	3	0
Case 108	6	43,388,054	57,217,336	2	2	4	0
Case 108	6	57,227,695	57,481,309	2	1	3	0
Case 108	6	57,498,965	58,752,089	2	2	4	0
Case 108	6	61,891,118	63,458,592	2	2	4	0
Case 108	6	63,458,776	63,746,291	3	2	5	0
Case 108	6	63,768,896	90,408,705	2	2	4	0
Case 108	6	90,408,742	90,605,513	2	1	3	0
Case 108	6	90,605,577	136,579,839	2	2	4	0
Case 108	6	136,582,458	136,599,885	2	1	3	0
Case 108	6	136,599,912	147,872,216	2	2	4	0
Case 108	6	147,876,038	147,891,505	2	1	3	0
Case 108	6	147,894,916	148,608,485	2	2	4	0
Case 108	6	148,609,400	148,761,362	2	1	3	0
Case 108	6	148,761,603	149,845,117	2	2	4	0
Case 108	6	149,845,650	150,061,959	3	0	3	1
Case 108	6	150,067,105	150,421,248	3	1	4	0
Case 108	6	150,422,657	151,654,269	2	2	4	0
Case 108	6	151,655,001	151,674,887	2	1	3	0
Case 108	6	151,677,358	153,402,841	2	2	4	0
Case 108	6	153,404,825	154,590,432	2	1	3	0
Case 108	6	154,597,660	154,627,294	1	1	2	0
Case 108	6	154,629,080	162,713,427	2	1	3	0
Case 108	6	162,716,541	162,736,476	1	0	1	0
Case 108	6	162,737,217	170,980,171	2	1	3	0
Case 108	7	44,935	3,288,471	3	1	4	0
Case 108	7	3,295,229	3,974,155	3	0	3	1
Case 108	7	3,978,342	5,050,816	3	1	4	0
Case 108	7	5,052,357	5,269,361	3	0	3	1
Case 108	7	5,269,369	5,619,078	3	1	4	0
Case 108	7	5,626,564	6,193,698	3	0	3	1
Case 108	7	6,193,722	6,334,747	3	1	4	0
Case 108	7	6,339,313	6,870,635	3	0	3	1
Case 108	7	6,870,917	23,083,353	3	1	4	0
Case 108	7	23,095,077	23,920,231	3	0	3	1
Case 108	7	23,920,558	26,224,439	3	1	4	0
Case 108	7	26,224,637	26,491,234	3	0	3	1
Case 108	7	26,493,624	39,942,647	3	1	4	0
Case 108	7	39,962,864	40,498,796	3	0	3	1

Case 108	7	40,510,686	55,736,508	3	1	4	0
Case 108	7	55,762,611	56,437,045	3	0	3	1
Case 108	7	56,467,494	57,528,311	3	1	4	0
Case 108	7	57,529,604	58,019,061	3	0	3	1
Case 108	7	61,056,053	61,852,895	3	0	3	1
Case 108	7	61,994,170	62,397,642	2	0	2	1
Case 108	7	62,413,547	86,944,642	3	0	3	1
Case 108	7	86,951,809	86,985,568	2	0	2	1
Case 108	7	86,986,421	87,233,989	3	0	3	1
Case 108	7	87,234,049	87,536,615	2	0	2	1
Case 108	7	87,536,634	100,679,525	3	0	3	1
Case 108	7	100,679,754	100,685,067	2	0	2	1
Case 108	7	100,685,103	146,292,088	3	0	3	1
Case 108	7	146,297,650	146,332,953	4	0	4	1
Case 108	7	146,348,470	159,119,486	3	0	3	1
Case 108	8	164,984	22,404,840	3	1	4	0
Case 108	8	22,409,882	23,708,887	3	0	3	1
Case 108	8	23,714,122	43,791,691	3	1	4	0
Case 108	8	46,886,735	91,857,581	3	1	4	0
Case 108	8	91,878,882	92,114,936	2	2	4	0
Case 108	8	92,128,840	92,128,840	2	1	3	0
Case 108	8	92,136,728	92,183,658	1	0	1	0
Case 108	8	92,193,710	92,193,710	2	1	3	0
Case 108	8	92,198,211	92,222,283	2	2	4	0
Case 108	8	92,227,075	103,048,115	3	1	4	0
Case 108	8	103,050,664	103,050,664	3	0	3	1
Case 108	8	103,054,099	103,056,645	2	0	2	1
Case 108	8	103,058,601	103,058,601	3	0	3	1
Case 108	8	103,059,848	117,819,007	3	1	4	0
Case 108	8	117,823,217	117,836,620	2	2	4	0
Case 108	8	117,838,623	118,729,267	4	1	5	0
Case 108	8	118,729,295	118,738,651	2	2	4	0
Case 108	8	118,751,200	146,293,414	3	1	4	0
Case 108	9	46,587	9,204,531	2	0	2	1
Case 108	9	9,211,973	9,864,454	0	0	0	0
Case 108	9	9,881,511	32,784,875	2	0	2	1
Case 108	9	32,785,076	32,831,281	4	0	4	1
Case 108	9	32,834,922	35,699,047	5	0	5	1
Case 108	9	35,699,403	35,699,403	2	0	2	1
Case 108	9	35,700,150	36,647,786	4	0	4	1
Case 108	9	36,651,762	36,722,854	3	0	3	1
Case 108	9	36,725,914	41,451,854	4	0	4	1
Case 108	9	41,981,757	44,863,631	3	0	3	1
Case 108	9	44,865,026	46,944,322	2	2	4	0
Case 108	9	65,629,772	66,288,522	2	2	4	0
Case 108	9	67,066,659	69,238,239	2	1	3	0
Case 108	9	69,355,037	71,883,224	5	1	6	0
Case 108	9	71,886,979	71,985,151	6	1	7	0
Case 108	9	71,986,508	72,210,569	5	1	6	0
Case 108	9	72,213,799	72,527,688	6	1	7	0
Case 108	9	72,530,831	72,783,618	5	1	6	0
Case 108	9	72,785,531	73,149,151	6	1	7	0
Case 108	9	73,149,897	73,250,037	4	1	5	0
Case 108	9	73,255,554	74,299,442	5	1	6	0
Case 108	9	74,300,174	75,193,543	4	1	5	0
Case 108	9	75,193,817	75,193,817	2	1	3	0
Case 108	9	75,194,978	75,721,599	5	1	6	0
Case 108	9	75,729,671	75,744,524	2	2	4	0
Case 108	9	75,745,448	76,767,313	3	2	5	0
Case 108	9	76,775,785	76,786,297	2	2	4	0
Case 108	9	76,787,591	77,848,630	2	1	3	0

Case 108	9	77,848,711	77,881,317	2	2	4	0
Case 108	9	77,895,520	80,355,515	2	1	3	0
Case 108	9	80,364,115	80,727,620	2	2	4	0
Case 108	9	80,742,806	85,434,314	2	1	3	0
Case 108	9	85,436,498	85,579,528	2	2	4	0
Case 108	9	85,590,972	85,798,771	2	1	3	0
Case 108	9	85,798,903	85,835,108	2	2	4	0
Case 108	9	85,835,157	89,614,276	2	1	3	0
Case 108	9	89,619,991	89,936,504	2	2	4	0
Case 108	9	89,939,154	91,995,971	2	1	3	0
Case 108	9	91,996,255	92,228,559	2	2	4	0
Case 108	9	92,231,020	93,642,897	2	1	3	0
Case 108	9	93,644,948	93,714,388	2	2	4	0
Case 108	9	93,716,229	94,882,488	2	1	3	0
Case 108	9	94,883,070	94,947,595	2	2	4	0
Case 108	9	94,949,715	95,887,281	2	1	3	0
Case 108	9	95,887,320	96,774,518	2	2	4	0
Case 108	9	96,776,609	98,278,972	2	1	3	0
Case 108	9	98,283,093	98,550,264	2	2	4	0
Case 108	9	98,550,467	98,818,646	2	1	3	0
Case 108	9	98,823,407	98,991,303	2	2	4	0
Case 108	9	98,991,519	101,125,025	2	1	3	0
Case 108	9	101,125,148	101,678,096	2	2	4	0
Case 108	9	101,678,273	101,747,885	2	1	3	0
Case 108	9	101,748,054	101,784,777	2	2	4	0
Case 108	9	101,785,207	103,803,109	2	1	3	0
Case 108	9	103,805,207	103,969,852	2	2	4	0
Case 108	9	103,976,442	104,474,060	2	1	3	0
Case 108	9	104,475,496	104,630,136	2	2	4	0
Case 108	9	104,637,950	106,989,653	2	1	3	0
Case 108	9	106,993,898	107,360,922	2	2	4	0
Case 108	9	107,361,003	107,361,059	2	1	3	0
Case 108	9	107,361,680	107,367,368	1	1	2	0
Case 108	9	107,370,498	107,370,498	2	1	3	0
Case 108	9	107,373,929	109,010,799	2	2	4	0
Case 108	9	109,014,185	109,686,435	4	1	5	0
Case 108	9	109,686,588	109,692,942	2	2	4	0
Case 108	9	109,697,822	110,843,927	4	1	5	0
Case 108	9	110,844,942	111,414,999	2	2	4	0
Case 108	9	111,417,991	112,074,707	2	1	3	0
Case 108	9	112,078,548	112,172,674	2	2	4	0
Case 108	9	112,189,275	112,897,866	4	1	5	0
Case 108	9	112,898,528	112,900,135	2	2	4	0
Case 108	9	112,900,199	115,666,561	4	1	5	0
Case 108	9	115,669,613	116,464,160	2	2	4	0
Case 108	9	116,468,123	116,837,308	2	1	3	0
Case 108	9	116,837,745	117,078,286	2	2	4	0
Case 108	9	117,078,838	117,143,588	2	1	3	0
Case 108	9	117,143,589	117,183,149	2	2	4	0
Case 108	9	117,185,395	117,927,227	2	1	3	0
Case 108	9	117,928,419	118,255,516	2	2	4	0
Case 108	9	118,255,620	119,913,608	2	1	3	0
Case 108	9	119,913,953	120,029,861	2	2	4	0
Case 108	9	120,031,254	120,962,282	2	1	3	0
Case 108	9	120,967,585	121,312,824	2	2	4	0
Case 108	9	121,314,808	122,868,788	2	1	3	0
Case 108	9	122,873,248	123,239,643	2	2	4	0
Case 108	9	123,249,648	127,054,184	2	1	3	0
Case 108	9	127,060,431	127,163,623	2	2	4	0
Case 108	9	127,167,651	128,746,044	2	1	3	0
Case 108	9	128,748,401	129,458,757	2	2	4	0

Case 108	9	129,459,478	134,657,367	2	1	3	0
Case 108	9	134,660,273	135,132,930	2	2	4	0
Case 108	9	135,133,039	135,934,431	2	1	3	0
Case 108	9	135,940,433	136,027,763	2	2	4	0
Case 108	9	136,028,453	136,359,085	2	1	3	0
Case 108	9	136,362,740	136,599,146	2	2	4	0
Case 108	9	136,600,201	136,666,560	2	1	3	0
Case 108	9	136,669,004	136,928,276	2	2	4	0
Case 108	9	136,928,644	137,100,317	2	1	3	0
Case 108	9	137,101,104	138,292,054	2	2	4	0
Case 108	9	138,292,538	138,540,992	2	1	3	0
Case 108	9	138,544,017	138,662,465	2	2	4	0
Case 108	9	138,662,812	138,903,733	2	1	3	0
Case 108	9	138,905,136	139,272,058	2	2	4	0
Case 108	9	139,272,098	139,374,952	2	1	3	0
Case 108	9	139,375,962	139,653,133	2	2	4	0
Case 108	9	139,656,670	140,000,649	2	1	3	0
Case 108	9	140,000,751	140,069,824	2	2	4	0
Case 108	9	140,069,828	140,267,490	2	1	3	0
Case 108	9	140,267,503	140,329,691	2	2	4	0
Case 108	9	140,329,693	141,066,491	2	1	3	0
Case 108	10	98,087	39,097,912	2	2	4	0
Case 108	10	42,436,301	46,964,021	2	2	4	0
Case 108	10	46,965,017	47,555,294	2	1	3	0
Case 108	10	47,568,296	58,885,646	2	2	4	0
Case 108	10	58,892,275	58,936,939	2	1	3	0
Case 108	10	58,937,708	84,655,185	2	2	4	0
Case 108	10	84,656,170	84,847,268	2	1	3	0
Case 108	10	84,855,219	135,477,883	2	2	4	0
Case 108	11	193,146	2,192,950	2	1	3	0
Case 108	11	2,193,001	7,217,025	3	0	3	1
Case 108	11	7,232,673	18,497,991	2	1	3	0
Case 108	11	18,498,006	18,555,936	1	1	2	0
Case 108	11	18,562,982	21,582,217	2	1	3	0
Case 108	11	21,586,339	21,588,442	5	1	6	0
Case 108	11	21,592,329	21,600,567	2	1	3	0
Case 108	11	21,601,797	22,178,677	5	1	6	0
Case 108	11	22,183,281	22,539,603	4	1	5	0
Case 108	11	22,540,139	22,755,093	2	1	3	0
Case 108	11	22,758,660	23,224,499	5	1	6	0
Case 108	11	23,224,901	23,690,735	6	1	7	0
Case 108	11	23,694,031	23,736,582	2	2	4	0
Case 108	11	23,741,440	24,210,175	6	1	7	0
Case 108	11	24,211,321	24,440,965	5	1	6	0
Case 108	11	24,446,873	24,457,755	2	1	3	0
Case 108	11	24,469,451	24,759,780	4	1	5	0
Case 108	11	24,770,644	24,770,644	2	1	3	0
Case 108	11	24,772,667	24,822,669	5	1	6	0
Case 108	11	24,829,963	39,700,963	2	1	3	0
Case 108	11	39,709,068	40,105,120	5	1	6	0
Case 108	11	40,105,881	45,001,728	2	1	3	0
Case 108	11	45,009,133	45,959,836	5	1	6	0
Case 108	11	45,970,084	46,237,731	6	1	7	0
Case 108	11	46,240,487	46,515,749	5	1	6	0
Case 108	11	46,520,302	46,575,394	4	1	5	0
Case 108	11	46,596,674	46,751,085	2	1	3	0
Case 108	11	46,760,913	46,958,381	4	1	5	0
Case 108	11	46,962,474	46,962,474	2	1	3	0
Case 108	11	46,963,196	47,188,411	5	1	6	0
Case 108	11	47,188,426	48,373,827	4	1	5	0
Case 108	11	48,373,849	48,373,849	2	2	4	0

Case 108	11	48,375,604	49,010,832	6	1	7	0
Case 108	11	49,018,666	49,965,330	4	1	5	0
Case 108	11	49,974,473	50,008,258	2	2	4	0
Case 108	11	50,057,854	50,238,588	4	1	5	0
Case 108	11	50,241,556	50,325,741	2	1	3	0
Case 108	11	50,332,064	50,630,255	1	1	2	0
Case 108	11	50,668,400	51,591,253	2	1	3	0
Case 108	11	54,794,237	55,362,955	2	1	3	0
Case 108	11	55,370,325	55,427,700	1	0	1	0
Case 108	11	55,431,897	66,348,648	2	1	3	0
Case 108	11	66,358,126	67,190,928	5	1	6	0
Case 108	11	67,191,327	69,087,550	2	1	3	0
Case 108	11	69,150,850	69,248,131	7	0	7	1
Case 108	11	69,252,000	69,351,911	2	1	3	0
Case 108	11	69,364,292	69,828,594	7	0	7	1
Case 108	11	69,834,983	69,845,815	2	1	3	0
Case 108	11	69,854,906	69,877,928	7	0	7	1
Case 108	11	69,880,281	134,934,063	2	1	3	0
Case 108	12	191,619	3,325,404	3	0	3	1
Case 108	12	3,325,543	3,444,974	4	0	4	1
Case 108	12	3,445,441	34,853,011	3	0	3	1
Case 108	12	37,876,400	89,555,117	3	0	3	1
Case 108	12	89,555,278	120,575,778	4	0	4	1
Case 108	12	120,580,323	133,810,935	3	0	3	1
Case 108	13	19,058,717	23,539,563	2	1	3	0
Case 108	13	23,546,238	23,553,518	1	0	1	0
Case 108	13	23,553,786	24,578,032	2	1	3	0
Case 108	13	24,578,110	24,698,806	2	2	4	0
Case 108	13	24,701,318	27,471,242	2	1	3	0
Case 108	13	27,471,874	27,492,788	2	2	4	0
Case 108	13	27,495,853	27,941,474	2	1	3	0
Case 108	13	27,946,485	28,255,807	2	0	2	1
Case 108	13	28,259,991	28,271,317	1	0	1	0
Case 108	13	28,282,522	29,552,602	2	1	3	0
Case 108	13	29,553,229	31,926,477	2	2	4	0
Case 108	13	31,927,523	35,434,797	3	1	4	0
Case 108	13	35,435,176	35,517,220	2	2	4	0
Case 108	13	35,573,362	36,265,658	2	1	3	0
Case 108	13	36,266,322	36,313,068	2	2	4	0
Case 108	13	36,318,869	40,658,787	2	1	3	0
Case 108	13	40,662,742	40,745,272	2	2	4	0
Case 108	13	40,746,499	43,696,112	2	1	3	0
Case 108	13	43,696,902	43,814,236	2	2	4	0
Case 108	13	43,815,123	44,827,881	2	1	3	0
Case 108	13	44,829,300	44,920,148	2	2	4	0
Case 108	13	44,921,027	47,620,477	2	1	3	0
Case 108	13	47,620,956	47,716,018	2	2	4	0
Case 108	13	47,726,258	49,173,538	2	1	3	0
Case 108	13	49,174,128	49,241,654	2	2	4	0
Case 108	13	49,250,997	53,625,910	2	1	3	0
Case 108	13	53,634,089	53,903,511	2	2	4	0
Case 108	13	53,907,427	72,227,298	2	1	3	0
Case 108	13	72,231,846	72,829,633	2	2	4	0
Case 108	13	72,833,522	80,298,141	2	1	3	0
Case 108	13	80,299,722	80,427,723	2	2	4	0
Case 108	13	80,440,160	82,786,608	2	1	3	0
Case 108	13	82,792,586	82,796,488	1	0	1	0
Case 108	13	82,819,766	105,193,816	2	1	3	0
Case 108	13	105,195,743	105,371,668	2	2	4	0
Case 108	13	105,377,463	105,477,622	2	1	3	0
Case 108	13	105,477,766	105,593,166	2	2	4	0

Case 108	13	105,593,424	105,784,623	2	1	3	0
Case 108	13	105,791,638	106,098,389	2	2	4	0
Case 108	13	106,110,385	106,182,717	2	1	3	0
Case 108	13	106,184,880	108,711,217	2	2	4	0
Case 108	13	108,713,121	108,977,731	2	1	3	0
Case 108	13	108,984,010	109,177,502	2	2	4	0
Case 108	13	109,181,183	109,500,202	2	1	3	0
Case 108	13	109,500,283	109,605,067	2	2	4	0
Case 108	13	109,605,541	110,242,391	2	1	3	0
Case 108	13	110,244,322	111,722,431	2	2	4	0
Case 108	13	111,722,664	111,938,889	2	1	3	0
Case 108	13	111,948,823	112,983,664	2	2	4	0
Case 108	13	112,988,594	113,223,467	2	1	3	0
Case 108	13	113,223,897	113,784,998	2	2	4	0
Case 108	13	113,786,125	114,212,852	2	1	3	0
Case 108	13	114,217,470	115,103,529	2	2	4	0
Case 108	14	19,280,733	22,187,832	2	1	3	0
Case 108	14	22,189,306	23,027,352	2	2	4	0
Case 108	14	23,027,378	25,428,420	2	1	3	0
Case 108	14	25,429,027	25,566,203	2	2	4	0
Case 108	14	25,570,197	25,969,220	2	1	3	0
Case 108	14	25,972,098	26,040,088	2	2	4	0
Case 108	14	26,045,320	26,390,960	2	1	3	0
Case 108	14	26,391,207	26,571,897	2	2	4	0
Case 108	14	26,575,000	27,932,831	2	1	3	0
Case 108	14	27,935,430	28,095,823	2	2	4	0
Case 108	14	28,106,048	30,645,664	2	1	3	0
Case 108	14	30,649,776	30,839,557	2	2	4	0
Case 108	14	30,845,210	32,385,574	2	1	3	0
Case 108	14	32,388,467	32,501,255	2	2	4	0
Case 108	14	32,509,543	32,589,339	2	1	3	0
Case 108	14	32,592,200	34,895,977	2	2	4	0
Case 108	14	34,899,300	35,237,677	2	1	3	0
Case 108	14	35,239,965	38,299,266	2	2	4	0
Case 108	14	38,307,511	39,709,768	2	1	3	0
Case 108	14	39,709,769	39,819,314	1	1	2	0
Case 108	14	39,821,153	45,606,290	2	1	3	0
Case 108	14	45,606,301	45,785,039	1	1	2	0
Case 108	14	45,786,839	53,027,908	2	1	3	0
Case 108	14	53,033,148	53,249,368	1	1	2	0
Case 108	14	53,254,224	58,669,409	2	1	3	0
Case 108	14	58,669,637	58,937,419	1	1	2	0
Case 108	14	58,941,425	64,464,101	2	1	3	0
Case 108	14	64,465,019	64,529,597	1	1	2	0
Case 108	14	64,530,337	85,351,754	2	1	3	0
Case 108	14	85,355,544	106,047,905	2	2	4	0
Case 108	14	106,067,618	106,175,202	6	1	7	0
Case 108	14	106,197,115	107,287,663	2	2	4	0
Case 108	15	20,034,919	102,461,162	3	0	3	1
Case 108	16	88,165	6,732,433	3	1	4	0
Case 108	16	6,733,771	6,735,137	3	0	3	1
Case 108	16	6,736,475	12,704,511	3	1	4	0
Case 108	16	12,704,565	12,717,611	3	0	3	1
Case 108	16	12,717,835	30,681,156	3	1	4	0
Case 108	16	30,700,858	30,771,021	3	0	3	1
Case 108	16	30,771,757	35,285,582	3	1	4	0
Case 108	16	46,450,037	78,258,810	3	1	4	0
Case 108	16	78,260,521	78,816,792	2	2	4	0
Case 108	16	78,817,229	78,901,140	3	2	5	0
Case 108	16	78,901,657	79,363,814	2	2	4	0
Case 108	16	79,364,679	81,075,056	3	2	5	0

Case 108	16	81,076,066	81,171,635	2	2	4	0
Case 108	16	81,172,338	81,219,257	3	2	5	0
Case 108	16	81,222,526	81,962,190	2	2	4	0
Case 108	16	81,963,618	84,117,219	3	2	5	0
Case 108	16	84,118,667	84,209,738	2	2	4	0
Case 108	16	84,209,816	84,381,553	3	2	5	0
Case 108	16	84,382,543	84,495,648	2	2	4	0
Case 108	16	84,495,694	84,786,347	3	2	5	0
Case 108	16	84,793,348	84,914,850	2	2	4	0
Case 108	16	84,916,775	87,739,087	3	2	5	0
Case 108	16	87,739,489	87,799,414	2	2	4	0
Case 108	16	87,800,470	89,347,372	3	2	5	0
Case 108	16	89,347,431	89,613,145	2	2	4	0
Case 108	16	89,613,169	89,712,997	3	2	5	0
Case 108	16	89,713,096	89,762,090	2	2	4	0
Case 108	16	89,762,136	89,811,469	3	2	5	0
Case 108	16	89,812,283	89,972,691	2	2	4	0
Case 108	16	89,977,051	90,274,695	3	2	5	0
Case 108	17	11,885	1,204,864	3	0	3	1
Case 108	17	1,206,042	2,553,152	3	1	4	0
Case 108	17	2,553,836	22,242,355	3	0	3	1
Case 108	17	25,268,142	28,383,709	3	0	3	1
Case 108	17	28,384,861	29,325,782	3	1	4	0
Case 108	17	29,326,155	31,350,878	3	0	3	1
Case 108	17	31,351,014	31,488,753	4	0	4	1
Case 108	17	31,490,349	32,022,320	3	0	3	1
Case 108	17	32,025,626	32,354,753	4	0	4	1
Case 108	17	32,356,013	32,730,550	3	0	3	1
Case 108	17	32,731,049	33,214,359	3	1	4	0
Case 108	17	33,214,714	33,872,797	3	0	3	1
Case 108	17	33,874,678	34,461,489	3	1	4	0
Case 108	17	34,461,869	35,537,269	3	0	3	1
Case 108	17	35,543,678	36,307,189	3	1	4	0
Case 108	17	36,450,598	36,991,482	3	0	3	1
Case 108	17	36,991,576	37,387,413	3	1	4	0
Case 108	17	37,389,409	37,687,522	3	0	3	1
Case 108	17	37,696,852	38,264,197	3	1	4	0
Case 108	17	38,277,468	38,447,569	3	0	3	1
Case 108	17	38,447,570	40,542,210	3	1	4	0
Case 108	17	40,542,501	41,433,660	3	0	3	1
Case 108	17	41,445,145	43,493,101	3	1	4	0
Case 108	17	43,504,831	46,780,497	3	0	3	1
Case 108	17	46,780,761	47,114,033	3	1	4	0
Case 108	17	47,115,038	47,246,247	3	0	3	1
Case 108	17	47,246,894	47,691,812	3	1	4	0
Case 108	17	47,693,686	47,903,851	3	0	3	1
Case 108	17	47,904,783	53,158,524	3	1	4	0
Case 108	17	53,166,323	63,761,473	3	0	3	1
Case 108	17	63,771,970	64,001,862	4	0	4	1
Case 108	17	64,010,003	66,119,884	3	0	3	1
Case 108	17	66,127,358	69,677,537	3	1	4	0
Case 108	17	69,686,684	71,231,792	4	0	4	1
Case 108	17	71,231,868	71,239,136	3	0	3	1
Case 108	17	71,239,137	71,809,337	3	1	4	0
Case 108	17	71,811,006	71,916,715	3	0	3	1
Case 108	17	71,928,292	72,173,910	3	1	4	0
Case 108	17	72,174,922	74,515,405	3	0	3	1
Case 108	17	74,527,606	81,060,040	3	1	4	0
Case 108	18	87,505	15,375,878	2	0	2	1
Case 108	18	18,520,354	20,128,882	5	1	6	0
Case 108	18	20,132,564	26,490,208	2	0	2	1

Case 108	18	26,492,729	26,730,357	6	1	7	0
Case 108	18	26,735,235	26,953,823	5	1	6	0
Case 108	18	26,958,653	27,907,683	6	1	7	0
Case 108	18	27,907,956	28,202,872	5	1	6	0
Case 108	18	28,209,686	28,574,307	6	1	7	0
Case 108	18	28,574,450	28,712,639	5	1	6	0
Case 108	18	28,712,654	28,741,907	6	1	7	0
Case 108	18	28,742,512	28,992,822	5	1	6	0
Case 108	18	28,993,073	28,995,493	2	2	4	0
Case 108	18	29,009,409	29,054,229	5	1	6	0
Case 108	18	29,054,285	29,056,170	2	2	4	0
Case 108	18	29,056,465	29,101,120	6	1	7	0
Case 108	18	29,101,196	30,481,131	5	1	6	0
Case 108	18	30,488,989	31,319,905	6	1	7	0
Case 108	18	31,319,947	31,326,415	2	2	4	0
Case 108	18	31,327,296	31,788,458	6	1	7	0
Case 108	18	31,813,635	32,364,435	2	0	2	1
Case 108	18	32,373,736	33,324,054	5	1	6	0
Case 108	18	33,326,544	33,536,145	6	1	7	0
Case 108	18	33,541,089	33,707,164	5	1	6	0
Case 108	18	33,709,217	33,747,114	6	1	7	0
Case 108	18	33,749,871	34,183,939	5	1	6	0
Case 108	18	34,184,093	34,256,593	6	1	7	0
Case 108	18	34,258,129	36,068,971	5	1	6	0
Case 108	18	36,083,127	49,566,783	2	0	2	1
Case 108	18	49,570,773	49,595,009	0	0	0	0
Case 108	18	49,619,861	66,744,308	2	0	2	1
Case 108	18	66,747,568	66,755,508	0	0	0	0
Case 108	18	66,758,232	78,015,180	2	0	2	1
Case 108	19	260,912	24,629,285	3	0	3	1
Case 108	19	27,732,159	40,519,935	3	0	3	1
Case 108	19	40,520,457	40,521,143	2	0	2	1
Case 108	19	40,521,168	58,989,192	3	0	3	1
Case 108	19	58,989,495	59,097,160	4	0	4	1
Case 108	20	63,244	7,121,672	2	2	4	0
Case 108	20	7,123,361	7,326,701	3	2	5	0
Case 108	20	7,353,781	14,563,919	2	2	4	0
Case 108	20	14,568,758	14,693,089	3	2	5	0
Case 108	20	14,697,386	14,890,211	2	2	4	0
Case 108	20	14,899,804	14,902,522	3	0	3	1
Case 108	20	14,908,741	15,161,670	3	1	4	0
Case 108	20	15,163,265	26,293,985	2	2	4	0
Case 108	20	29,425,357	43,739,119	2	2	4	0
Case 108	20	43,740,693	50,408,481	4	0	4	1
Case 108	20	50,408,486	60,890,564	2	2	4	0
Case 108	20	60,890,808	60,990,900	3	2	5	0
Case 108	20	60,991,235	61,850,563	2	2	4	0
Case 108	20	61,852,629	61,879,009	3	2	5	0
Case 108	20	61,879,091	62,163,983	2	2	4	0
Case 108	20	62,163,984	62,219,740	3	2	5	0
Case 108	20	62,219,837	62,948,788	2	2	4	0
Case 108	21	10,827,533	10,971,337	2	0	2	1
Case 108	21	14,368,320	15,328,333	2	0	2	1
Case 108	21	15,332,033	15,515,843	3	0	3	1
Case 108	21	15,516,948	15,666,737	2	0	2	1
Case 108	21	15,667,176	15,936,503	3	0	3	1
Case 108	21	15,938,358	16,010,681	2	0	2	1
Case 108	21	16,012,102	17,210,838	3	0	3	1
Case 108	21	17,214,734	17,654,621	2	0	2	1
Case 108	21	17,657,785	17,693,767	3	0	3	1
Case 108	21	17,693,951	18,124,648	2	0	2	1



Case 108	21	18,138,050	19,686,578	3	0	3	1
Case 108	21	19,687,498	19,783,744	2	0	2	1
Case 108	21	19,784,135	19,983,850	3	0	3	1
Case 108	21	19,987,915	20,655,418	2	0	2	1
Case 108	21	20,662,610	20,725,800	3	0	3	1
Case 108	21	20,733,268	20,773,681	2	0	2	1
Case 108	21	20,779,299	20,980,675	3	0	3	1
Case 108	21	20,984,026	21,302,359	2	0	2	1
Case 108	21	21,304,740	21,352,994	3	0	3	1
Case 108	21	21,357,808	21,983,931	2	0	2	1
Case 108	21	21,984,599	22,090,256	3	0	3	1
Case 108	21	22,094,839	22,660,796	2	0	2	1
Case 108	21	22,661,749	22,705,794	3	0	3	1
Case 108	21	22,707,887	25,914,897	2	0	2	1
Case 108	21	25,918,197	26,031,868	3	0	3	1
Case 108	21	26,032,368	26,385,726	2	0	2	1
Case 108	21	26,386,200	26,940,815	3	0	3	1
Case 108	21	26,950,454	26,977,006	2	0	2	1
Case 108	21	26,978,790	27,443,650	3	0	3	1
Case 108	21	27,444,110	27,643,476	2	0	2	1
Case 108	21	27,644,590	28,643,868	3	0	3	1
Case 108	21	28,647,859	29,313,666	2	0	2	1
Case 108	21	29,324,934	29,871,279	3	0	3	1
Case 108	21	29,873,487	30,441,775	2	0	2	1
Case 108	21	30,445,291	31,965,059	3	0	3	1
Case 108	21	31,973,405	32,250,952	2	0	2	1
Case 108	21	32,251,674	32,810,899	3	0	3	1
Case 108	21	32,811,608	33,136,524	2	0	2	1
Case 108	21	33,140,026	34,003,504	3	0	3	1
Case 108	21	34,003,786	34,156,633	2	0	2	1
Case 108	21	34,161,495	34,588,494	3	0	3	1
Case 108	21	34,590,090	34,726,019	2	0	2	1
Case 108	21	34,727,330	34,805,197	3	0	3	1
Case 108	21	34,806,288	35,186,357	2	0	2	1
Case 108	21	35,186,743	35,260,481	3	0	3	1
Case 108	21	35,265,524	35,354,247	2	0	2	1
Case 108	21	35,354,523	37,510,224	3	0	3	1
Case 108	21	37,510,738	37,554,637	2	0	2	1
Case 108	21	37,557,008	37,618,896	3	0	3	1
Case 108	21	37,619,820	37,763,352	2	0	2	1
Case 108	21	37,768,962	38,390,425	3	0	3	1
Case 108	21	38,390,444	38,574,213	2	0	2	1
Case 108	21	38,579,914	40,236,810	3	0	3	1
Case 108	21	40,237,762	40,271,392	2	0	2	1
Case 108	21	40,275,033	40,527,311	3	0	3	1
Case 108	21	40,547,310	40,719,027	2	0	2	1
Case 108	21	40,720,261	40,780,560	3	0	3	1
Case 108	21	40,781,985	40,823,981	2	0	2	1
Case 108	21	40,825,546	43,809,044	3	0	3	1
Case 108	21	43,809,080	43,824,136	2	0	2	1
Case 108	21	43,825,475	47,706,997	3	0	3	1
Case 108	21	47,708,037	47,731,391	2	0	2	1
Case 108	21	47,734,659	48,100,155	3	0	3	1
Case 108	22	16,114,244	51,195,728	3	0	3	1
Case 109	1	82,154	9,890,158	1	1	2	0
Case 109	1	9,897,001	11,772,411	2	1	3	0
Case 109	1	11,774,956	11,846,252	3	1	4	0
Case 109	1	11,847,436	14,620,369	2	1	3	0
Case 109	1	14,621,842	15,144,305	3	1	4	0
Case 109	1	15,150,914	15,405,489	2	1	3	0
Case 109	1	15,406,696	15,466,832	3	1	4	0

Case 109	1	15,467,263	16,069,612	2	1	3	0
Case 109	1	16,069,644	16,122,018	3	1	4	0
Case 109	1	16,123,199	16,475,419	2	1	3	0
Case 109	1	16,477,423	27,272,844	1	1	2	0
Case 109	1	27,272,864	27,877,845	1	0	1	0
Case 109	1	27,878,157	43,353,134	1	1	2	0
Case 109	1	43,356,211	43,557,168	2	1	3	0
Case 109	1	43,565,492	47,098,108	1	1	2	0
Case 109	1	47,099,346	47,121,502	1	0	1	0
Case 109	1	47,138,637	121,251,086	1	1	2	0
Case 109	1	121,280,613	121,346,616	2	1	3	0
Case 109	1	142,649,718	146,686,372	2	1	3	0
Case 109	1	146,686,649	147,365,037	3	1	4	0
Case 109	1	147,367,541	152,329,952	2	1	3	0
Case 109	1	152,331,240	152,732,174	3	1	4	0
Case 109	1	152,732,299	152,773,905	2	1	3	0
Case 109	1	152,777,465	153,303,326	3	1	4	0
Case 109	1	153,303,392	154,325,302	2	1	3	0
Case 109	1	154,326,279	154,400,015	3	1	4	0
Case 109	1	154,401,679	154,437,801	2	1	3	0
Case 109	1	154,437,896	154,480,318	3	1	4	0
Case 109	1	154,480,485	154,626,705	2	1	3	0
Case 109	1	154,630,498	154,810,030	3	1	4	0
Case 109	1	154,811,127	155,114,683	2	1	3	0
Case 109	1	155,122,783	155,140,648	3	1	4	0
Case 109	1	155,143,946	156,351,895	2	1	3	0
Case 109	1	156,352,396	156,374,256	3	1	4	0
Case 109	1	156,377,693	156,972,485	2	1	3	0
Case 109	1	156,992,753	157,508,906	3	1	4	0
Case 109	1	157,508,908	157,830,947	2	1	3	0
Case 109	1	157,832,074	158,057,691	3	1	4	0
Case 109	1	158,058,109	158,725,387	2	1	3	0
Case 109	1	158,725,419	159,749,188	3	1	4	0
Case 109	1	159,750,629	160,806,025	2	1	3	0
Case 109	1	160,807,409	161,011,931	3	1	4	0
Case 109	1	161,012,448	161,647,270	2	1	3	0
Case 109	1	161,653,708	162,456,008	3	1	4	0
Case 109	1	162,458,412	162,776,137	2	1	3	0
Case 109	1	162,781,787	165,497,692	3	1	4	0
Case 109	1	165,502,862	165,811,729	2	1	3	0
Case 109	1	165,812,120	167,016,853	3	1	4	0
Case 109	1	167,016,898	167,102,492	2	1	3	0
Case 109	1	167,103,023	167,777,989	3	1	4	0
Case 109	1	167,778,843	167,946,764	2	1	3	0
Case 109	1	167,961,235	169,068,156	3	1	4	0
Case 109	1	169,070,332	169,586,946	2	1	3	0
Case 109	1	169,587,032	169,773,317	3	1	4	0
Case 109	1	169,773,337	170,171,083	2	1	3	0
Case 109	1	170,171,258	170,901,445	3	1	4	0
Case 109	1	170,903,771	171,086,513	2	1	3	0
Case 109	1	171,087,660	171,164,565	3	1	4	0
Case 109	1	171,166,532	171,231,635	2	1	3	0
Case 109	1	171,232,213	171,499,108	3	1	4	0
Case 109	1	171,500,154	171,537,387	2	1	3	0
Case 109	1	171,543,476	171,743,575	3	1	4	0
Case 109	1	171,743,865	172,101,666	2	1	3	0
Case 109	1	172,106,806	173,494,019	3	1	4	0
Case 109	1	173,494,045	175,097,769	2	1	3	0
Case 109	1	175,097,863	175,324,651	3	1	4	0
Case 109	1	175,325,205	176,863,867	2	1	3	0
Case 109	1	176,867,860	179,075,755	3	1	4	0

Case 109	1	179,077,109	179,100,545	2	1	3	0
Case 109	1	179,100,604	179,787,027	3	1	4	0
Case 109	1	179,788,333	180,567,428	2	1	3	0
Case 109	1	180,567,596	181,002,768	3	1	4	0
Case 109	1	181,003,160	181,296,112	2	1	3	0
Case 109	1	181,296,409	181,513,867	3	1	4	0
Case 109	1	181,516,101	181,594,465	2	1	3	0
Case 109	1	181,595,979	181,741,301	3	1	4	0
Case 109	1	181,753,030	182,252,309	2	1	3	0
Case 109	1	182,256,110	182,499,457	3	1	4	0
Case 109	1	182,499,943	183,687,038	2	1	3	0
Case 109	1	183,696,656	185,119,609	3	1	4	0
Case 109	1	185,121,752	186,344,126	2	1	3	0
Case 109	1	186,345,281	197,063,292	3	1	4	0
Case 109	1	197,065,186	197,123,043	2	1	3	0
Case 109	1	197,124,680	200,080,463	3	1	4	0
Case 109	1	200,083,654	201,075,245	2	1	3	0
Case 109	1	201,075,796	201,108,096	3	1	4	0
Case 109	1	201,108,503	201,182,386	2	1	3	0
Case 109	1	201,182,440	201,185,842	3	1	4	0
Case 109	1	201,185,862	201,354,891	2	1	3	0
Case 109	1	201,355,522	201,419,375	3	1	4	0
Case 109	1	201,420,589	201,504,189	2	1	3	0
Case 109	1	201,517,349	201,742,519	3	1	4	0
Case 109	1	201,746,239	201,884,668	2	1	3	0
Case 109	1	201,886,402	202,193,981	3	1	4	0
Case 109	1	202,197,082	202,547,101	2	1	3	0
Case 109	1	202,550,272	202,923,178	3	1	4	0
Case 109	1	202,925,256	203,186,963	2	1	3	0
Case 109	1	203,186,964	203,443,466	3	1	4	0
Case 109	1	203,444,384	203,964,132	2	1	3	0
Case 109	1	203,967,091	204,282,936	3	1	4	0
Case 109	1	204,283,820	204,589,150	2	1	3	0
Case 109	1	204,595,203	204,905,920	3	1	4	0
Case 109	1	204,906,922	205,318,321	2	1	3	0
Case 109	1	205,318,452	205,459,889	3	1	4	0
Case 109	1	205,461,250	206,681,383	2	1	3	0
Case 109	1	206,684,977	206,784,809	3	1	4	0
Case 109	1	206,788,458	208,569,243	2	1	3	0
Case 109	1	208,578,200	209,336,246	3	1	4	0
Case 109	1	209,337,763	209,605,611	2	1	3	0
Case 109	1	209,608,020	209,723,420	3	1	4	0
Case 109	1	209,728,590	209,807,952	2	1	3	0
Case 109	1	209,811,293	209,955,848	3	1	4	0
Case 109	1	209,956,402	210,019,824	2	1	3	0
Case 109	1	210,020,971	210,389,417	3	1	4	0
Case 109	1	210,394,270	210,459,159	2	1	3	0
Case 109	1	210,460,602	211,203,217	3	1	4	0
Case 109	1	211,208,401	212,639,003	2	1	3	0
Case 109	1	212,640,367	212,780,471	3	1	4	0
Case 109	1	212,782,500	212,799,684	2	1	3	0
Case 109	1	212,799,870	212,885,805	3	1	4	0
Case 109	1	212,887,790	214,242,637	2	1	3	0
Case 109	1	214,268,998	214,763,986	3	1	4	0
Case 109	1	214,770,895	214,820,494	2	1	3	0
Case 109	1	214,820,524	215,799,170	3	1	4	0
Case 109	1	215,802,169	215,848,910	2	1	3	0
Case 109	1	215,848,921	216,172,258	3	1	4	0
Case 109	1	216,172,296	216,517,635	2	1	3	0
Case 109	1	216,521,091	219,968,010	3	1	4	0
Case 109	1	219,968,306	220,495,396	2	1	3	0

Case 109	1	220,496,232	220,970,031	3	1	4	0
Case 109	1	220,970,070	221,082,107	2	1	3	0
Case 109	1	221,084,222	221,396,325	3	1	4	0
Case 109	1	221,397,750	221,958,998	4	1	5	0
Case 109	1	221,966,781	222,562,019	3	1	4	0
Case 109	1	222,574,834	222,920,393	2	1	3	0
Case 109	1	222,920,400	223,177,522	3	1	4	0
Case 109	1	223,177,948	223,310,048	2	1	3	0
Case 109	1	223,311,607	223,917,907	3	1	4	0
Case 109	1	223,924,236	224,009,058	2	1	3	0
Case 109	1	224,021,459	224,494,670	3	1	4	0
Case 109	1	224,495,698	224,720,286	2	1	3	0
Case 109	1	224,726,060	225,540,100	3	1	4	0
Case 109	1	225,548,126	226,752,447	2	1	3	0
Case 109	1	226,755,701	227,069,693	3	1	4	0
Case 109	1	227,069,708	227,174,370	2	1	3	0
Case 109	1	227,174,902	227,677,506	3	1	4	0
Case 109	1	227,696,594	227,954,701	2	1	3	0
Case 109	1	227,954,716	228,227,477	3	1	4	0
Case 109	1	228,229,067	228,503,592	2	1	3	0
Case 109	1	228,503,679	228,593,222	3	1	4	0
Case 109	1	228,596,036	229,004,119	2	1	3	0
Case 109	1	229,004,264	229,566,362	3	1	4	0
Case 109	1	229,571,061	230,122,064	2	1	3	0
Case 109	1	230,130,480	230,445,193	3	1	4	0
Case 109	1	230,445,698	230,535,966	2	1	3	0
Case 109	1	230,551,909	230,704,291	3	1	4	0
Case 109	1	230,706,868	230,840,016	2	1	3	0
Case 109	1	230,840,034	230,849,872	3	1	4	0
Case 109	1	230,850,018	230,984,594	2	1	3	0
Case 109	1	230,988,920	232,090,493	3	1	4	0
Case 109	1	232,090,932	232,312,643	2	1	3	0
Case 109	1	232,314,505	232,576,594	3	1	4	0
Case 109	1	232,577,098	233,398,867	2	1	3	0
Case 109	1	233,398,893	234,883,182	3	1	4	0
Case 109	1	234,886,224	236,066,991	2	1	3	0
Case 109	1	236,070,001	236,105,308	3	1	4	0
Case 109	1	236,109,373	236,228,164	2	1	3	0
Case 109	1	236,228,234	236,898,035	3	1	4	0
Case 109	1	236,898,163	237,107,519	2	1	3	0
Case 109	1	237,110,626	237,815,546	3	1	4	0
Case 109	1	237,819,215	238,053,787	2	1	3	0
Case 109	1	238,053,817	240,303,322	3	1	4	0
Case 109	1	240,305,244	240,505,407	2	1	3	0
Case 109	1	240,507,412	241,168,080	3	1	4	0
Case 109	1	241,168,535	242,094,314	2	1	3	0
Case 109	1	242,096,551	243,617,188	3	1	4	0
Case 109	1	243,620,120	244,015,993	2	1	3	0
Case 109	1	244,023,667	244,316,996	3	1	4	0
Case 109	1	244,319,340	244,778,230	2	1	3	0
Case 109	1	244,782,870	244,980,554	3	1	4	0
Case 109	1	244,981,463	245,636,915	2	1	3	0
Case 109	1	245,637,039	245,773,041	3	1	4	0
Case 109	1	245,773,223	246,116,352	2	1	3	0
Case 109	1	246,117,191	246,457,214	3	1	4	0
Case 109	1	246,465,955	247,371,918	2	1	3	0
Case 109	1	247,372,163	247,578,441	3	1	4	0
Case 109	1	247,579,435	247,653,624	2	1	3	0
Case 109	1	247,654,439	247,655,102	1	0	1	0
Case 109	1	247,655,270	247,703,769	2	1	3	0
Case 109	1	247,710,624	247,751,731	3	1	4	0

Case 109	1	247,751,897	249,218,992	2	1	3	0
Case 109	2	18,674	38,703,619	1	1	2	0
Case 109	2	38,704,658	38,845,701	2	1	3	0
Case 109	2	38,847,132	38,932,777	1	1	2	0
Case 109	2	38,936,539	39,103,991	2	1	3	0
Case 109	2	39,105,781	51,675,468	3	1	4	0
Case 109	2	51,676,835	51,736,994	2	2	4	0
Case 109	2	51,738,393	52,458,725	4	1	5	0
Case 109	2	52,461,739	52,461,739	2	2	4	0
Case 109	2	52,461,984	52,659,874	2	1	3	0
Case 109	2	52,668,651	53,099,305	3	1	4	0
Case 109	2	53,101,066	64,928,603	2	1	3	0
Case 109	2	64,936,472	65,215,030	3	1	4	0
Case 109	2	65,216,817	92,081,640	2	1	3	0
Case 109	2	95,429,424	243,048,760	2	1	3	0
Case 109	3	61,495	21,278,077	2	1	3	0
Case 109	3	21,280,306	30,211,349	1	1	2	0
Case 109	3	30,225,323	30,547,439	2	1	3	0
Case 109	3	30,549,626	45,153,422	1	1	2	0
Case 109	3	45,153,626	45,429,891	2	1	3	0
Case 109	3	45,436,093	59,898,057	1	1	2	0
Case 109	3	59,898,962	59,938,447	1	0	1	0
Case 109	3	59,939,093	60,059,041	2	0	2	1
Case 109	3	60,062,400	60,248,418	1	0	1	0
Case 109	3	60,252,827	60,439,043	1	1	2	0
Case 109	3	60,441,079	60,461,994	1	0	1	0
Case 109	3	60,464,275	60,484,433	0	0	0	0
Case 109	3	60,487,074	60,554,521	1	0	1	0
Case 109	3	60,557,685	60,589,410	0	0	0	0
Case 109	3	60,591,506	60,626,006	1	0	1	0
Case 109	3	60,630,360	61,577,341	1	1	2	0
Case 109	3	61,584,646	61,628,388	2	1	3	0
Case 109	3	61,632,170	90,442,925	1	1	2	0
Case 109	3	93,537,290	148,962,041	1	1	2	0
Case 109	3	148,964,692	148,967,335	0	0	0	0
Case 109	3	148,973,465	197,838,262	1	1	2	0
Case 109	4	71,566	2,990,375	2	0	2	1
Case 109	4	2,990,487	25,707,422	2	1	3	0
Case 109	4	25,717,754	25,734,246	1	0	1	0
Case 109	4	25,740,206	49,620,898	2	1	3	0
Case 109	4	52,697,856	75,309,469	2	1	3	0
Case 109	4	75,324,290	75,738,792	3	1	4	0
Case 109	4	75,745,515	95,514,609	2	1	3	0
Case 109	4	95,525,186	99,027,159	1	1	2	0
Case 109	4	99,027,184	101,250,176	2	1	3	0
Case 109	4	101,251,778	122,933,691	1	1	2	0
Case 109	4	122,947,939	152,114,234	2	1	3	0
Case 109	4	152,144,869	152,557,786	1	0	1	0
Case 109	4	152,567,239	152,701,085	2	0	2	1
Case 109	4	152,701,656	161,856,343	1	0	1	0
Case 109	4	161,861,640	161,924,832	3	0	3	1
Case 109	4	161,935,342	164,387,952	1	0	1	0
Case 109	4	164,389,550	164,394,765	2	0	2	1
Case 109	4	164,396,241	169,425,339	1	0	1	0
Case 109	4	169,425,778	169,459,736	2	0	2	1
Case 109	4	169,474,972	169,592,669	1	0	1	0
Case 109	4	169,595,421	169,618,568	2	0	2	1
Case 109	4	169,622,650	172,699,232	1	0	1	0
Case 109	4	172,705,236	183,124,933	2	0	2	1
Case 109	4	183,125,630	184,928,980	1	0	1	0
Case 109	4	184,930,646	184,938,306	2	0	2	1

Case 109	4	184,938,360	185,116,224	1	0	1	0
Case 109	4	185,117,077	185,160,596	2	0	2	1
Case 109	4	185,162,040	185,310,015	1	0	1	0
Case 109	4	185,310,218	185,436,378	2	0	2	1
Case 109	4	185,440,669	185,698,094	1	0	1	0
Case 109	4	185,700,776	185,940,205	2	0	2	1
Case 109	4	185,940,785	187,509,492	1	0	1	0
Case 109	4	187,509,760	187,525,020	2	0	2	1
Case 109	4	187,525,083	187,539,125	1	0	1	0
Case 109	4	187,539,205	187,542,201	2	0	2	1
Case 109	4	187,542,316	187,586,210	1	0	1	0
Case 109	4	187,587,980	187,630,905	2	0	2	1
Case 109	4	187,630,998	189,007,284	1	0	1	0
Case 109	4	189,010,521	189,013,081	2	0	2	1
Case 109	4	189,018,613	190,876,192	1	0	1	0
Case 109	4	190,876,268	190,963,766	2	0	2	1
Case 109	5	38,139	497,277	2	1	3	0
Case 109	5	499,071	595,870	3	1	4	0
Case 109	5	598,237	1,027,182	2	1	3	0
Case 109	5	1,032,032	1,065,399	1	1	2	0
Case 109	5	1,065,424	6,604,787	2	1	3	0
Case 109	5	6,607,370	6,785,435	1	1	2	0
Case 109	5	6,786,308	9,078,628	2	1	3	0
Case 109	5	9,087,921	9,985,893	1	1	2	0
Case 109	5	9,987,380	10,264,788	2	1	3	0
Case 109	5	10,265,277	10,492,322	1	1	2	0
Case 109	5	10,496,509	12,995,938	2	1	3	0
Case 109	5	13,013,974	15,904,024	1	1	2	0
Case 109	5	15,913,112	19,393,347	2	1	3	0
Case 109	5	19,393,903	20,779,048	1	1	2	0
Case 109	5	20,786,582	25,700,070	2	1	3	0
Case 109	5	25,700,355	28,549,181	1	1	2	0
Case 109	5	28,560,977	36,781,359	2	1	3	0
Case 109	5	36,786,516	37,193,343	3	1	4	0
Case 109	5	37,196,028	37,294,496	2	1	3	0
Case 109	5	37,303,392	38,261,117	1	1	2	0
Case 109	5	38,261,833	39,770,956	2	1	3	0
Case 109	5	39,780,202	40,098,605	1	1	2	0
Case 109	5	40,121,487	40,195,443	2	1	3	0
Case 109	5	40,203,232	40,649,263	1	1	2	0
Case 109	5	40,662,257	41,564,562	2	1	3	0
Case 109	5	41,572,722	42,610,409	3	1	4	0
Case 109	5	42,617,492	42,801,268	2	1	3	0
Case 109	5	42,801,363	46,399,093	3	1	4	0
Case 109	5	49,457,282	50,635,643	1	0	1	0
Case 109	5	50,636,521	50,704,234	2	0	2	1
Case 109	5	50,710,018	51,956,733	1	0	1	0
Case 109	5	51,956,999	52,051,514	2	0	2	1
Case 109	5	52,064,075	52,249,476	1	0	1	0
Case 109	5	52,252,191	52,319,076	2	0	2	1
Case 109	5	52,321,039	54,516,531	1	0	1	0
Case 109	5	54,518,687	54,527,316	2	0	2	1
Case 109	5	54,527,466	55,178,747	1	0	1	0
Case 109	5	55,178,963	55,236,367	2	0	2	1
Case 109	5	55,236,374	55,738,764	1	0	1	0
Case 109	5	55,740,340	55,782,130	2	0	2	1
Case 109	5	55,786,198	56,721,619	1	0	1	0
Case 109	5	56,727,379	56,951,744	2	0	2	1
Case 109	5	56,952,654	57,133,250	1	0	1	0
Case 109	5	57,136,991	57,235,886	2	0	2	1
Case 109	5	57,244,070	60,857,714	1	0	1	0

Case 109	5	60,858,429	60,928,771	2	0	2	1
Case 109	5	60,933,255	61,750,357	1	0	1	0
Case 109	5	61,769,985	61,832,574	0	0	0	0
Case 109	5	61,854,650	72,466,319	1	0	1	0
Case 109	5	72,467,952	72,496,179	2	0	2	1
Case 109	5	72,501,096	73,098,324	1	0	1	0
Case 109	5	73,099,158	73,121,096	2	0	2	1
Case 109	5	73,125,146	73,539,736	1	0	1	0
Case 109	5	73,542,940	73,548,364	3	0	3	1
Case 109	5	73,554,344	79,354,560	1	0	1	0
Case 109	5	79,355,559	79,372,721	2	0	2	1
Case 109	5	79,373,803	121,487,789	1	0	1	0
Case 109	5	121,487,823	121,488,667	2	0	2	1
Case 109	5	121,489,122	122,418,806	1	0	1	0
Case 109	5	122,420,169	122,454,305	2	0	2	1
Case 109	5	122,454,550	131,312,380	1	0	1	0
Case 109	5	131,316,164	131,398,717	2	0	2	1
Case 109	5	131,405,027	132,579,659	1	0	1	0
Case 109	5	132,580,990	132,742,865	2	0	2	1
Case 109	5	132,744,119	133,089,667	1	0	1	0
Case 109	5	133,089,768	133,164,490	2	0	2	1
Case 109	5	133,164,640	133,201,441	1	0	1	0
Case 109	5	133,202,612	133,481,435	2	0	2	1
Case 109	5	133,481,467	133,903,814	1	0	1	0
Case 109	5	133,906,527	133,930,528	2	0	2	1
Case 109	5	133,942,478	134,305,197	1	0	1	0
Case 109	5	134,305,646	134,608,010	2	0	2	1
Case 109	5	134,609,822	134,871,301	1	0	1	0
Case 109	5	134,871,338	134,939,990	2	0	2	1
Case 109	5	134,942,818	136,443,115	1	0	1	0
Case 109	5	136,444,759	136,772,683	2	0	2	1
Case 109	5	136,774,006	139,060,631	1	0	1	0
Case 109	5	139,063,728	139,295,821	2	0	2	1
Case 109	5	139,303,341	139,920,965	1	0	1	0
Case 109	5	139,921,770	139,930,736	1	1	2	0
Case 109	5	139,931,384	139,931,740	0	0	0	0
Case 109	5	139,936,760	140,214,045	1	0	1	0
Case 109	5	140,214,107	140,230,533	2	0	2	1
Case 109	5	140,230,548	140,304,934	1	0	1	0
Case 109	5	140,306,489	140,308,333	2	0	2	1
Case 109	5	140,308,591	140,528,906	1	0	1	0
Case 109	5	140,529,711	140,553,663	2	0	2	1
Case 109	5	140,553,664	140,589,416	1	0	1	0
Case 109	5	140,589,449	140,595,905	2	0	2	1
Case 109	5	140,596,018	140,711,120	1	0	1	0
Case 109	5	140,711,595	140,751,698	2	0	2	1
Case 109	5	140,752,104	140,763,515	1	0	1	0
Case 109	5	140,763,615	140,780,036	2	0	2	1
Case 109	5	140,782,160	140,797,827	1	0	1	0
Case 109	5	140,798,156	140,892,643	2	0	2	1
Case 109	5	140,895,377	141,023,997	1	0	1	0
Case 109	5	141,024,136	141,101,086	2	0	2	1
Case 109	5	141,103,117	141,205,861	1	0	1	0
Case 109	5	141,206,585	141,246,646	2	0	2	1
Case 109	5	141,248,208	141,334,782	1	0	1	0
Case 109	5	141,334,838	141,337,176	2	0	2	1
Case 109	5	141,337,177	141,974,070	1	0	1	0
Case 109	5	141,974,533	142,020,818	2	0	2	1
Case 109	5	142,021,377	142,507,651	1	0	1	0
Case 109	5	142,508,981	142,562,196	2	0	2	1
Case 109	5	142,564,672	142,866,564	1	0	1	0

Case 109	5	142,867,085	172,995,160	2	0	2	1
Case 109	5	172,997,978	173,422,382	3	0	3	1
Case 109	5	173,424,464	175,874,713	2	0	2	1
Case 109	5	175,878,007	176,165,086	3	0	3	1
Case 109	5	176,168,507	180,693,127	2	0	2	1
Case 109	6	108,666	3,605,434	4	0	4	1
Case 109	6	3,607,159	3,619,044	4	1	5	0
Case 109	6	3,626,372	3,653,224	3	1	4	0
Case 109	6	3,655,479	4,069,048	4	1	5	0
Case 109	6	4,069,133	4,380,902	3	1	4	0
Case 109	6	4,382,113	4,395,451	2	2	4	0
Case 109	6	4,395,504	5,320,622	4	1	5	0
Case 109	6	5,343,889	5,656,275	3	1	4	0
Case 109	6	5,659,478	5,663,598	2	1	3	0
Case 109	6	5,664,388	7,417,576	4	0	4	1
Case 109	6	7,417,658	7,579,412	3	1	4	0
Case 109	6	7,580,039	7,585,962	2	1	3	0
Case 109	6	7,586,308	7,729,614	3	1	4	0
Case 109	6	7,730,944	8,062,532	2	1	3	0
Case 109	6	8,065,230	8,417,198	3	1	4	0
Case 109	6	8,417,687	8,534,460	2	1	3	0
Case 109	6	8,542,393	9,030,336	3	1	4	0
Case 109	6	9,031,654	9,031,961	2	2	4	0
Case 109	6	9,042,512	10,395,206	4	1	5	0
Case 109	6	10,395,572	10,990,751	3	1	4	0
Case 109	6	10,995,180	11,135,805	2	1	3	0
Case 109	6	11,138,038	12,120,445	3	1	4	0
Case 109	6	12,120,536	12,164,467	2	1	3	0
Case 109	6	12,165,363	12,263,693	3	1	4	0
Case 109	6	12,273,540	12,298,333	2	1	3	0
Case 109	6	12,298,984	13,307,904	3	1	4	0
Case 109	6	13,316,249	13,340,288	2	1	3	0
Case 109	6	13,340,967	13,490,904	3	1	4	0
Case 109	6	13,506,872	15,916,856	2	1	3	0
Case 109	6	15,923,183	16,343,056	3	1	4	0
Case 109	6	16,362,246	16,522,826	1	0	1	0
Case 109	6	16,528,671	17,706,404	3	1	4	0
Case 109	6	17,706,524	17,890,002	2	1	3	0
Case 109	6	17,896,035	20,107,427	3	1	4	0
Case 109	6	20,109,696	20,213,334	2	1	3	0
Case 109	6	20,226,668	20,417,976	3	1	4	0
Case 109	6	20,418,329	20,556,905	2	1	3	0
Case 109	6	20,562,618	21,277,763	3	1	4	0
Case 109	6	21,279,870	21,402,434	2	1	3	0
Case 109	6	21,420,553	21,972,800	3	1	4	0
Case 109	6	21,982,253	22,038,380	2	2	4	0
Case 109	6	22,038,526	22,282,731	4	1	5	0
Case 109	6	22,282,905	22,403,467	2	2	4	0
Case 109	6	22,403,592	22,687,498	4	1	5	0
Case 109	6	22,693,005	24,403,455	3	1	4	0
Case 109	6	24,404,405	24,698,214	2	1	3	0
Case 109	6	24,698,215	25,653,628	3	1	4	0
Case 109	6	25,653,678	25,813,150	2	1	3	0
Case 109	6	25,819,762	25,957,773	3	1	4	0
Case 109	6	25,959,355	26,110,314	2	1	3	0
Case 109	6	26,110,961	26,129,392	3	1	4	0
Case 109	6	26,132,664	26,833,759	2	1	3	0
Case 109	6	26,915,342	27,178,028	3	1	4	0
Case 109	6	27,179,829	28,982,287	2	1	3	0
Case 109	6	28,984,163	29,272,012	4	0	4	1
Case 109	6	29,272,301	30,072,511	3	0	3	1



Case 109	6	30,072,721	30,092,935	3	1	4	0
Case 109	6	30,093,364	30,190,484	2	1	3	0
Case 109	6	30,190,640	30,333,505	4	0	4	1
Case 109	6	30,334,339	30,387,890	4	1	5	0
Case 109	6	30,388,010	30,388,010	2	0	2	1
Case 109	6	30,388,701	30,434,566	4	0	4	1
Case 109	6	30,434,900	30,623,069	3	1	4	0
Case 109	6	30,623,339	30,626,614	2	1	3	0
Case 109	6	30,627,138	30,709,830	4	0	4	1
Case 109	6	30,710,135	31,082,535	3	1	4	0
Case 109	6	31,082,960	31,106,643	2	1	3	0
Case 109	6	31,106,793	31,236,410	3	1	4	0
Case 109	6	31,236,567	31,269,553	2	1	3	0
Case 109	6	31,271,008	31,406,932	4	0	4	1
Case 109	6	31,407,579	31,453,640	3	1	4	0
Case 109	6	31,456,567	31,748,678	2	1	3	0
Case 109	6	31,748,820	31,764,899	3	1	4	0
Case 109	6	31,765,056	32,188,317	2	1	3	0
Case 109	6	32,188,383	32,365,580	3	1	4	0
Case 109	6	32,365,840	32,410,576	2	1	3	0
Case 109	6	32,410,716	32,450,089	3	1	4	0
Case 109	6	32,453,191	32,634,341	2	1	3	0
Case 109	6	32,634,369	32,811,383	3	1	4	0
Case 109	6	32,811,629	32,821,022	2	1	3	0
Case 109	6	32,821,086	33,145,710	3	1	4	0
Case 109	6	33,146,725	33,297,586	2	1	3	0
Case 109	6	33,300,271	33,365,640	3	1	4	0
Case 109	6	33,365,808	33,398,620	2	1	3	0
Case 109	6	33,399,778	33,648,097	3	1	4	0
Case 109	6	33,648,115	33,867,440	2	1	3	0
Case 109	6	33,868,647	34,804,000	3	1	4	0
Case 109	6	34,804,204	35,471,362	2	1	3	0
Case 109	6	35,471,605	35,705,606	3	1	4	0
Case 109	6	35,705,818	36,307,044	2	1	3	0
Case 109	6	36,307,170	36,798,081	3	1	4	0
Case 109	6	36,798,150	36,892,221	2	1	3	0
Case 109	6	36,893,083	37,038,432	3	1	4	0
Case 109	6	37,050,771	37,254,990	2	1	3	0
Case 109	6	37,257,787	37,508,106	3	1	4	0
Case 109	6	37,509,545	37,630,020	2	1	3	0
Case 109	6	37,631,031	38,747,581	3	1	4	0
Case 109	6	38,747,770	39,095,146	2	1	3	0
Case 109	6	39,098,344	39,815,595	3	1	4	0
Case 109	6	39,824,130	39,911,241	2	1	3	0
Case 109	6	39,915,349	41,645,564	3	1	4	0
Case 109	6	41,648,147	41,650,736	2	1	3	0
Case 109	6	41,652,493	42,609,352	4	0	4	1
Case 109	6	42,611,872	43,114,702	3	1	4	0
Case 109	6	43,115,670	43,172,498	2	1	3	0
Case 109	6	43,172,528	43,469,298	3	1	4	0
Case 109	6	43,469,299	43,572,467	2	1	3	0
Case 109	6	43,578,397	44,551,487	4	0	4	1
Case 109	6	44,558,552	44,609,610	3	1	4	0
Case 109	6	44,612,363	44,681,257	2	2	4	0
Case 109	6	44,681,721	46,717,454	4	1	5	0
Case 109	6	46,717,652	46,979,756	2	2	4	0
Case 109	6	46,980,115	47,649,356	4	1	5	0
Case 109	6	47,649,573	47,669,444	2	2	4	0
Case 109	6	47,675,014	47,682,519	2	1	3	0
Case 109	6	47,682,604	50,029,391	3	1	4	0
Case 109	6	50,041,852	57,246,925	1	1	2	0

Case 109	6	57,255,152	58,150,777	2	1	3	0
Case 109	6	58,168,152	58,752,089	1	1	2	0
Case 109	6	61,891,118	63,199,731	3	1	4	0
Case 109	6	63,209,941	63,733,495	2	0	2	1
Case 109	6	63,746,291	68,503,143	2	1	3	0
Case 109	6	68,526,511	72,590,002	2	0	2	1
Case 109	6	72,595,779	76,096,230	2	1	3	0
Case 109	6	76,119,602	124,698,568	2	0	2	1
Case 109	6	124,699,827	128,915,599	2	1	3	0
Case 109	6	128,922,744	128,994,545	2	2	4	0
Case 109	6	128,998,864	130,049,171	2	1	3	0
Case 109	6	130,050,610	130,082,258	2	2	4	0
Case 109	6	130,084,368	133,119,564	2	1	3	0
Case 109	6	133,122,831	133,447,476	2	2	4	0
Case 109	6	133,447,768	135,536,496	2	1	3	0
Case 109	6	135,539,080	136,492,417	2	2	4	0
Case 109	6	136,495,009	167,830,592	2	1	3	0
Case 109	6	167,830,685	169,672,120	2	0	2	1
Case 109	6	169,678,116	170,980,171	2	1	3	0
Case 109	7	44,935	1,005,950	2	1	3	0
Case 109	7	1,009,337	1,040,173	3	1	4	0
Case 109	7	1,044,938	1,287,913	2	1	3	0
Case 109	7	1,288,639	1,523,698	2	2	4	0
Case 109	7	1,523,742	2,472,939	2	1	3	0
Case 109	7	2,473,059	2,752,932	3	1	4	0
Case 109	7	2,753,667	3,090,282	2	1	3	0
Case 109	7	3,093,297	3,488,521	2	2	4	0
Case 109	7	3,490,865	4,136,969	2	1	3	0
Case 109	7	4,139,470	4,644,965	2	2	4	0
Case 109	7	4,647,262	4,820,940	2	1	3	0
Case 109	7	4,821,257	4,855,862	3	1	4	0
Case 109	7	4,855,934	5,401,346	2	1	3	0
Case 109	7	5,402,453	5,891,221	2	2	4	0
Case 109	7	5,908,742	6,191,895	2	1	3	0
Case 109	7	6,193,628	6,362,809	3	1	4	0
Case 109	7	6,362,978	6,780,231	2	1	3	0
Case 109	7	6,859,544	8,796,967	2	2	4	0
Case 109	7	8,797,321	8,995,047	3	2	5	0
Case 109	7	8,995,694	11,975,557	3	1	4	0
Case 109	7	11,982,513	12,484,649	2	2	4	0
Case 109	7	12,485,026	12,596,535	3	2	5	0
Case 109	7	12,596,616	13,103,636	3	1	4	0
Case 109	7	13,104,434	13,263,062	3	2	5	0
Case 109	7	13,263,382	14,288,622	3	1	4	0
Case 109	7	14,292,511	18,712,720	2	2	4	0
Case 109	7	18,713,515	18,794,541	3	2	5	0
Case 109	7	18,794,581	19,848,148	2	2	4	0
Case 109	7	19,849,629	20,185,196	3	2	5	0
Case 109	7	20,193,851	22,412,741	2	2	4	0
Case 109	7	22,414,646	22,422,608	2	1	3	0
Case 109	7	22,422,917	22,766,834	3	1	4	0
Case 109	7	22,767,134	30,810,264	2	2	4	0
Case 109	7	30,811,746	31,044,646	2	1	3	0
Case 109	7	31,048,898	38,297,145	2	2	4	0
Case 109	7	38,298,285	38,417,556	3	2	5	0
Case 109	7	38,420,184	38,545,499	2	2	4	0
Case 109	7	38,546,848	38,640,752	3	2	5	0
Case 109	7	38,641,095	38,933,942	3	1	4	0
Case 109	7	38,946,736	39,030,401	3	2	5	0
Case 109	7	39,036,411	39,515,179	2	2	4	0
Case 109	7	39,516,722	40,197,168	3	2	5	0

Case 109	7	40,203,356	41,659,417	2	2	4	0
Case 109	7	41,662,627	41,971,266	3	2	5	0
Case 109	7	41,973,509	44,555,699	2	2	4	0
Case 109	7	44,556,373	44,747,578	2	1	3	0
Case 109	7	44,750,079	53,009,493	2	2	4	0
Case 109	7	53,011,628	53,103,834	3	2	5	0
Case 109	7	53,103,945	53,652,608	2	2	4	0
Case 109	7	53,654,002	54,610,293	3	2	5	0
Case 109	7	54,610,426	58,019,061	2	2	4	0
Case 109	7	61,056,053	72,903,700	2	2	4	0
Case 109	7	72,904,810	72,982,874	3	2	5	0
Case 109	7	72,984,087	73,604,927	3	1	4	0
Case 109	7	73,624,615	73,985,812	2	2	4	0
Case 109	7	73,990,231	75,221,832	2	1	3	0
Case 109	7	75,222,070	93,142,429	2	2	4	0
Case 109	7	93,143,761	93,404,220	3	2	5	0
Case 109	7	93,404,574	97,816,327	2	2	4	0
Case 109	7	97,817,321	97,834,386	2	1	3	0
Case 109	7	97,835,640	99,474,016	2	2	4	0
Case 109	7	99,474,143	99,773,962	2	1	3	0
Case 109	7	99,773,974	100,179,435	2	2	4	0
Case 109	7	100,179,857	100,211,255	2	1	3	0
Case 109	7	100,211,329	100,451,907	2	2	4	0
Case 109	7	100,453,208	103,237,018	2	1	3	0
Case 109	7	103,241,465	103,659,343	3	1	4	0
Case 109	7	103,666,719	103,893,163	2	1	3	0
Case 109	7	103,895,925	104,106,026	3	1	4	0
Case 109	7	104,107,166	141,759,994	2	1	3	0
Case 109	7	141,761,438	141,777,292	1	0	1	0
Case 109	7	141,782,731	141,898,023	3	0	3	1
Case 109	7	141,898,680	141,938,235	2	0	2	1
Case 109	7	141,941,327	145,129,737	2	1	3	0
Case 109	7	145,130,880	146,590,038	3	1	4	0
Case 109	7	146,591,888	146,901,009	2	1	3	0
Case 109	7	146,910,565	147,505,863	3	1	4	0
Case 109	7	147,505,893	147,933,618	2	1	3	0
Case 109	7	147,936,803	147,958,844	3	1	4	0
Case 109	7	147,958,867	149,394,446	2	1	3	0
Case 109	7	149,398,065	149,437,827	3	1	4	0
Case 109	7	149,438,267	149,498,893	2	1	3	0
Case 109	7	149,499,027	149,529,955	3	1	4	0
Case 109	7	149,529,962	151,945,503	2	1	3	0
Case 109	7	151,945,656	152,152,777	2	0	2	1
Case 109	7	152,162,209	152,277,531	3	0	3	1
Case 109	7	152,285,741	152,343,955	3	1	4	0
Case 109	7	152,345,204	152,457,803	2	1	3	0
Case 109	7	152,496,656	159,119,486	2	2	4	0
Case 109	8	164,984	3,336,289	2	1	3	0
Case 109	8	3,339,898	36,939,955	1	1	2	0
Case 109	8	36,953,646	37,469,049	3	1	4	0
Case 109	8	37,469,921	43,791,691	2	1	3	0
Case 109	8	46,886,735	48,909,724	2	1	3	0
Case 109	8	48,924,667	50,734,527	2	2	4	0
Case 109	8	50,752,038	65,254,172	2	1	3	0
Case 109	8	65,272,478	69,693,543	2	2	4	0
Case 109	8	69,699,676	70,457,752	3	2	5	0
Case 109	8	70,459,208	71,834,440	2	2	4	0
Case 109	8	71,837,936	72,180,481	3	2	5	0
Case 109	8	72,180,634	72,246,370	2	2	4	0
Case 109	8	72,248,174	73,487,114	4	1	5	0
Case 109	8	73,488,971	73,587,489	5	2	7	0

Case 109	8	73,587,678	73,821,073	4	1	5	0
Case 109	8	73,821,809	73,850,203	2	2	4	0
Case 109	8	73,850,812	76,022,121	4	1	5	0
Case 109	8	76,023,383	77,006,395	4	2	6	0
Case 109	8	77,032,017	77,761,824	4	1	5	0
Case 109	8	77,761,919	77,768,512	2	2	4	0
Case 109	8	77,769,819	77,998,659	4	1	5	0
Case 109	8	78,012,371	79,417,222	4	2	6	0
Case 109	8	79,420,199	80,882,568	4	1	5	0
Case 109	8	80,901,524	80,915,400	2	0	2	1
Case 109	8	80,924,116	80,937,871	6	1	7	0
Case 109	8	80,939,650	81,751,247	4	1	5	0
Case 109	8	81,753,399	81,886,515	5	1	6	0
Case 109	8	81,886,686	82,266,889	4	1	5	0
Case 109	8	82,267,924	82,598,908	5	1	6	0
Case 109	8	82,601,846	82,918,392	4	1	5	0
Case 109	8	82,921,787	84,113,893	5	1	6	0
Case 109	8	84,114,931	84,222,110	4	1	5	0
Case 109	8	84,249,739	84,941,509	5	2	7	0
Case 109	8	84,948,131	87,925,926	4	1	5	0
Case 109	8	87,935,589	88,868,340	4	2	6	0
Case 109	8	88,881,431	89,426,999	4	1	5	0
Case 109	8	89,434,405	90,965,828	5	1	6	0
Case 109	8	90,965,863	91,064,118	4	1	5	0
Case 109	8	91,064,635	91,283,363	5	1	6	0
Case 109	8	91,284,182	92,365,184	4	1	5	0
Case 109	8	92,374,629	94,081,629	5	1	6	0
Case 109	8	94,086,267	95,383,875	4	1	5	0
Case 109	8	95,384,436	95,392,437	5	2	7	0
Case 109	8	95,392,557	95,774,806	4	1	5	0
Case 109	8	95,777,424	95,942,244	5	1	6	0
Case 109	8	95,942,806	96,470,675	4	1	5	0
Case 109	8	96,472,090	96,731,898	5	1	6	0
Case 109	8	96,732,452	98,485,861	4	1	5	0
Case 109	8	98,519,919	98,933,711	5	1	6	0
Case 109	8	98,934,748	99,192,115	4	1	5	0
Case 109	8	99,195,204	101,611,200	5	1	6	0
Case 109	8	101,612,659	102,180,058	4	1	5	0
Case 109	8	102,181,249	102,554,217	5	1	6	0
Case 109	8	102,555,060	102,756,851	4	1	5	0
Case 109	8	102,761,332	103,073,460	5	1	6	0
Case 109	8	103,076,379	103,213,460	4	1	5	0
Case 109	8	103,216,646	103,524,176	5	1	6	0
Case 109	8	103,524,461	103,576,066	4	1	5	0
Case 109	8	103,576,658	103,591,184	6	1	7	0
Case 109	8	103,591,237	104,432,617	4	1	5	0
Case 109	8	104,432,659	104,882,403	5	1	6	0
Case 109	8	104,897,539	104,924,389	4	1	5	0
Case 109	8	104,925,755	105,348,809	6	1	7	0
Case 109	8	105,351,943	105,884,605	4	1	5	0
Case 109	8	105,887,854	106,725,186	5	1	6	0
Case 109	8	106,729,039	106,815,578	4	1	5	0
Case 109	8	106,816,281	106,916,390	5	2	7	0
Case 109	8	106,916,907	107,312,556	4	1	5	0
Case 109	8	107,323,253	107,515,351	5	1	6	0
Case 109	8	107,519,504	108,158,383	4	1	5	0
Case 109	8	108,158,452	108,158,452	2	2	4	0
Case 109	8	108,175,323	108,974,658	3	2	5	0
Case 109	8	108,989,834	109,012,769	3	1	4	0
Case 109	8	109,015,020	109,096,029	2	2	4	0
Case 109	8	109,114,261	110,660,908	4	1	5	0

Case 109	8	110,666,155	111,427,941	4	2	6	0
Case 109	8	111,432,405	111,626,655	4	1	5	0
Case 109	8	111,628,625	117,087,613	5	1	6	0
Case 109	8	117,099,512	119,936,669	4	1	5	0
Case 109	8	119,936,717	123,961,799	2	2	4	0
Case 109	8	123,963,776	123,966,118	2	1	3	0
Case 109	8	123,967,175	124,717,641	2	2	4	0
Case 109	8	124,718,333	125,132,012	2	1	3	0
Case 109	8	125,132,234	133,877,427	2	2	4	0
Case 109	8	133,880,375	134,152,994	2	1	3	0
Case 109	8	134,153,463	136,623,771	2	2	4	0
Case 109	8	136,624,184	136,829,636	2	1	3	0
Case 109	8	136,832,856	137,218,971	2	2	4	0
Case 109	8	137,240,873	144,822,037	2	1	3	0
Case 109	8	144,870,701	144,894,496	3	1	4	0
Case 109	8	144,895,495	144,942,718	2	1	3	0
Case 109	8	144,942,796	144,948,861	2	2	4	0
Case 109	8	144,950,720	145,634,413	2	1	3	0
Case 109	8	145,634,556	146,293,414	2	2	4	0
Case 109	9	46,587	710,966	1	0	1	0
Case 109	9	710,972	712,856	2	0	2	1
Case 109	9	713,108	988,376	1	0	1	0
Case 109	9	990,076	1,000,520	2	0	2	1
Case 109	9	1,001,309	1,032,153	1	0	1	0
Case 109	9	1,032,567	1,056,887	2	0	2	1
Case 109	9	1,056,959	2,684,117	1	0	1	0
Case 109	9	2,691,186	2,718,180	2	0	2	1
Case 109	9	2,718,349	4,110,947	1	0	1	0
Case 109	9	4,117,602	4,125,858	2	0	2	1
Case 109	9	4,125,908	5,466,785	1	0	1	0
Case 109	9	5,467,955	5,526,124	2	0	2	1
Case 109	9	5,532,871	5,919,754	1	0	1	0
Case 109	9	5,919,923	5,920,702	2	0	2	1
Case 109	9	5,920,886	7,170,742	1	0	1	0
Case 109	9	7,173,500	7,214,782	2	0	2	1
Case 109	9	7,216,180	16,318,314	1	0	1	0
Case 109	9	16,318,869	16,348,639	2	0	2	1
Case 109	9	16,349,135	18,928,456	1	0	1	0
Case 109	9	18,928,487	18,928,963	2	0	2	1
Case 109	9	18,929,692	19,057,965	1	0	1	0
Case 109	9	19,058,204	19,063,081	2	0	2	1
Case 109	9	19,065,295	19,465,900	1	0	1	0
Case 109	9	19,468,530	19,516,177	2	0	2	1
Case 109	9	19,516,335	26,078,764	1	0	1	0
Case 109	9	26,083,996	46,944,322	2	0	2	1
Case 109	9	65,629,772	109,931,412	2	0	2	1
Case 109	9	109,940,271	110,940,013	7	0	7	1
Case 109	9	110,941,390	111,123,697	5	0	5	1
Case 109	9	111,128,013	111,761,469	3	0	3	1
Case 109	9	111,765,737	120,416,248	2	0	2	1
Case 109	9	120,416,402	129,139,361	3	0	3	1
Case 109	9	129,141,450	129,408,513	4	0	4	1
Case 109	9	129,409,198	141,066,491	3	0	3	1
Case 109	10	98,087	1,070,621	2	1	3	0
Case 109	10	1,073,684	1,223,742	3	1	4	0
Case 109	10	1,224,336	1,352,152	2	1	3	0
Case 109	10	1,359,774	1,980,822	3	1	4	0
Case 109	10	1,981,965	2,360,003	2	1	3	0
Case 109	10	2,363,832	3,134,083	3	1	4	0
Case 109	10	3,134,681	3,316,388	2	1	3	0
Case 109	10	3,319,474	3,536,296	3	1	4	0

Case 109	10	3,542,761	3,708,015	2	1	3	0
Case 109	10	3,711,122	3,949,166	3	1	4	0
Case 109	10	3,950,093	4,184,635	2	1	3	0
Case 109	10	4,186,228	5,115,907	3	1	4	0
Case 109	10	5,117,424	5,317,870	2	1	3	0
Case 109	10	5,319,195	5,759,801	3	1	4	0
Case 109	10	5,762,725	5,804,531	2	1	3	0
Case 109	10	5,805,844	5,881,740	3	1	4	0
Case 109	10	5,883,308	5,988,908	2	1	3	0
Case 109	10	5,992,119	6,036,144	3	1	4	0
Case 109	10	6,037,553	6,220,725	2	1	3	0
Case 109	10	6,221,318	6,353,355	3	1	4	0
Case 109	10	6,356,210	6,553,071	2	1	3	0
Case 109	10	6,556,492	6,774,351	3	1	4	0
Case 109	10	6,776,447	6,856,536	2	1	3	0
Case 109	10	6,857,219	7,206,424	3	1	4	0
Case 109	10	7,213,000	7,475,561	2	1	3	0
Case 109	10	7,480,692	7,679,232	3	1	4	0
Case 109	10	7,679,428	7,876,830	2	1	3	0
Case 109	10	7,878,585	11,723,616	3	1	4	0
Case 109	10	11,727,785	11,803,185	2	1	3	0
Case 109	10	11,805,412	12,123,525	3	1	4	0
Case 109	10	12,126,671	12,165,247	2	1	3	0
Case 109	10	12,170,174	13,212,884	3	1	4	0
Case 109	10	13,213,015	13,382,406	2	1	3	0
Case 109	10	13,387,295	15,125,971	3	1	4	0
Case 109	10	15,126,323	15,177,357	2	1	3	0
Case 109	10	15,185,503	15,311,580	3	1	4	0
Case 109	10	15,317,899	15,396,751	2	1	3	0
Case 109	10	15,399,458	16,763,204	3	1	4	0
Case 109	10	16,763,882	16,996,446	2	1	3	0
Case 109	10	16,996,516	17,071,966	3	1	4	0
Case 109	10	17,073,135	17,161,749	2	1	3	0
Case 109	10	17,162,503	18,110,019	3	1	4	0
Case 109	10	18,125,244	18,334,521	2	1	3	0
Case 109	10	18,336,330	19,809,674	3	1	4	0
Case 109	10	19,811,046	20,123,335	2	1	3	0
Case 109	10	20,128,601	21,319,705	3	1	4	0
Case 109	10	21,332,250	22,362,410	2	1	3	0
Case 109	10	22,362,612	24,810,663	3	1	4	0
Case 109	10	24,810,825	24,847,361	2	1	3	0
Case 109	10	24,848,149	26,432,389	3	1	4	0
Case 109	10	26,432,467	26,580,926	2	1	3	0
Case 109	10	26,581,855	26,950,217	3	1	4	0
Case 109	10	26,956,056	27,132,619	2	1	3	0
Case 109	10	27,150,093	27,687,225	3	1	4	0
Case 109	10	27,687,284	28,025,771	2	1	3	0
Case 109	10	28,027,163	29,820,937	3	1	4	0
Case 109	10	29,821,019	29,839,787	2	1	3	0
Case 109	10	29,839,864	30,270,596	3	1	4	0
Case 109	10	30,273,031	30,349,328	2	1	3	0
Case 109	10	30,355,052	34,525,999	3	1	4	0
Case 109	10	34,527,387	34,692,235	2	1	3	0
Case 109	10	34,693,172	35,251,225	3	1	4	0
Case 109	10	35,256,179	35,870,714	2	1	3	0
Case 109	10	35,874,895	36,951,018	3	1	4	0
Case 109	10	36,951,512	37,083,125	2	1	3	0
Case 109	10	37,083,715	37,283,349	3	1	4	0
Case 109	10	37,286,763	37,508,038	2	1	3	0
Case 109	10	37,508,256	37,946,651	3	1	4	0
Case 109	10	37,958,940	38,408,566	2	1	3	0

Case 109	10	38,415,965	39,097,912	3	1	4	0
Case 109	10	42,436,301	94,336,963	1	1	2	0
Case 109	10	94,347,830	94,792,142	2	1	3	0
Case 109	10	94,793,453	132,225,095	1	1	2	0
Case 109	10	132,231,596	132,254,561	2	1	3	0
Case 109	10	132,262,631	135,371,416	1	1	2	0
Case 109	10	135,372,380	135,373,648	1	0	1	0
Case 109	10	135,377,448	135,477,883	1	1	2	0
Case 109	11	193,146	5,536,764	2	0	2	1
Case 109	11	5,536,773	5,566,489	3	0	3	1
Case 109	11	5,566,507	5,878,551	2	0	2	1
Case 109	11	5,878,617	5,966,415	3	0	3	1
Case 109	11	5,967,747	6,646,499	2	0	2	1
Case 109	11	6,646,500	6,689,064	3	0	3	1
Case 109	11	6,695,844	12,274,865	2	0	2	1
Case 109	11	12,277,191	12,308,500	3	0	3	1
Case 109	11	12,309,002	19,401,373	2	0	2	1
Case 109	11	19,405,356	19,566,243	3	0	3	1
Case 109	11	19,569,563	20,101,744	2	0	2	1
Case 109	11	20,102,251	20,163,318	3	0	3	1
Case 109	11	20,164,332	34,420,930	2	0	2	1
Case 109	11	34,423,616	51,591,253	2	1	3	0
Case 109	11	54,794,237	55,360,213	2	1	3	0
Case 109	11	55,361,808	55,431,897	1	1	2	0
Case 109	11	55,432,646	86,304,054	2	1	3	0
Case 109	11	86,304,402	86,305,758	1	0	1	0
Case 109	11	86,308,532	104,789,971	2	1	3	0
Case 109	11	104,809,654	121,128,969	1	1	2	0
Case 109	11	121,129,528	121,416,187	2	1	3	0
Case 109	11	121,420,669	134,934,063	1	1	2	0
Case 109	12	191,619	24,792,818	2	0	2	1
Case 109	12	24,798,175	25,024,151	6	1	7	0
Case 109	12	25,024,510	25,056,665	4	1	5	0
Case 109	12	25,061,338	25,132,771	6	1	7	0
Case 109	12	25,138,016	25,149,269	4	1	5	0
Case 109	12	25,150,466	25,663,977	6	1	7	0
Case 109	12	25,664,853	25,832,829	4	1	5	0
Case 109	12	25,834,871	26,213,222	2	2	4	0
Case 109	12	26,213,720	26,287,230	2	1	3	0
Case 109	12	26,297,309	26,607,753	2	2	4	0
Case 109	12	26,611,381	26,784,910	2	1	3	0
Case 109	12	26,785,881	27,016,527	2	2	4	0
Case 109	12	27,020,533	27,508,240	2	1	3	0
Case 109	12	27,509,371	27,832,498	2	2	4	0
Case 109	12	27,834,595	28,129,378	2	1	3	0
Case 109	12	28,132,512	28,515,383	2	2	4	0
Case 109	12	28,534,415	31,881,141	2	1	3	0
Case 109	12	31,886,971	33,146,869	2	0	2	1
Case 109	12	33,148,078	34,853,011	2	1	3	0
Case 109	12	37,876,400	37,876,400	2	1	3	0
Case 109	12	37,927,114	53,242,671	2	0	2	1
Case 109	12	53,242,695	53,416,119	3	0	3	1
Case 109	12	53,421,807	54,139,932	2	0	2	1
Case 109	12	54,146,451	54,634,666	3	0	3	1
Case 109	12	54,649,941	56,755,952	2	0	2	1
Case 109	12	56,776,586	56,825,355	2	1	3	0
Case 109	12	56,825,379	57,058,609	2	2	4	0
Case 109	12	57,064,063	57,116,661	2	1	3	0
Case 109	12	57,116,834	57,308,975	2	2	4	0
Case 109	12	57,310,085	57,441,501	2	1	3	0
Case 109	12	57,442,037	57,590,052	3	1	4	0

Case 109	12	57,590,856	57,656,705	2	1	3	0
Case 109	12	57,662,563	57,866,317	2	2	4	0
Case 109	12	57,867,726	58,190,185	2	1	3	0
Case 109	12	58,190,202	61,613,734	2	2	4	0
Case 109	12	61,622,793	61,802,168	3	2	5	0
Case 109	12	61,802,226	65,508,788	2	2	4	0
Case 109	12	65,514,266	96,513,957	2	0	2	1
Case 109	12	96,521,506	96,641,300	3	0	3	1
Case 109	12	96,641,454	103,959,184	2	0	2	1
Case 109	12	103,965,032	104,074,151	3	0	3	1
Case 109	12	104,076,999	106,366,983	2	0	2	1
Case 109	12	106,367,904	106,596,176	3	0	3	1
Case 109	12	106,600,420	114,188,042	2	0	2	1
Case 109	12	114,190,919	114,383,651	3	0	3	1
Case 109	12	114,383,659	115,987,793	2	0	2	1
Case 109	12	115,989,581	116,278,388	3	0	3	1
Case 109	12	116,279,070	122,159,037	2	0	2	1
Case 109	12	122,167,693	122,590,228	3	0	3	1
Case 109	12	122,590,465	129,530,367	2	0	2	1
Case 109	12	129,530,629	129,760,066	3	0	3	1
Case 109	12	129,761,834	133,810,935	2	0	2	1
Case 109	13	19,058,717	30,564,382	3	0	3	1
Case 109	13	30,570,103	30,829,622	4	0	4	1
Case 109	13	30,829,650	82,700,330	3	0	3	1
Case 109	13	82,716,886	85,017,085	1	0	1	0
Case 109	13	85,021,473	115,103,529	3	0	3	1
Case 109	14	19,280,733	23,120,536	2	1	3	0
Case 109	14	23,123,431	23,235,839	1	1	2	0
Case 109	14	23,235,897	23,375,564	2	1	3	0
Case 109	14	23,375,578	23,467,755	1	1	2	0
Case 109	14	23,467,839	29,410,825	2	1	3	0
Case 109	14	29,444,668	29,722,492	1	1	2	0
Case 109	14	29,723,382	30,466,162	2	1	3	0
Case 109	14	30,467,236	30,649,776	1	1	2	0
Case 109	14	30,651,785	31,359,024	2	1	3	0
Case 109	14	31,359,404	32,332,071	1	1	2	0
Case 109	14	32,332,377	34,879,025	2	1	3	0
Case 109	14	34,886,469	35,735,945	1	1	2	0
Case 109	14	35,735,958	36,094,588	2	1	3	0
Case 109	14	36,095,947	36,190,917	1	1	2	0
Case 109	14	36,191,031	37,327,512	2	1	3	0
Case 109	14	37,327,783	37,500,250	1	1	2	0
Case 109	14	37,503,880	39,577,348	2	1	3	0
Case 109	14	39,580,958	39,818,076	1	1	2	0
Case 109	14	39,818,145	41,670,102	2	1	3	0
Case 109	14	41,673,195	41,776,000	1	1	2	0
Case 109	14	41,782,701	45,431,637	2	1	3	0
Case 109	14	45,431,698	46,028,940	1	1	2	0
Case 109	14	46,029,290	46,893,576	2	1	3	0
Case 109	14	46,894,155	47,459,909	1	1	2	0
Case 109	14	47,461,203	50,009,048	2	1	3	0
Case 109	14	50,009,589	50,392,720	1	1	2	0
Case 109	14	50,404,182	50,567,667	2	1	3	0
Case 109	14	50,571,472	51,224,294	1	1	2	0
Case 109	14	51,224,356	52,910,938	2	1	3	0
Case 109	14	52,921,896	53,289,281	1	1	2	0
Case 109	14	53,295,706	55,343,879	2	1	3	0
Case 109	14	55,348,118	55,705,904	1	1	2	0
Case 109	14	55,710,186	56,045,411	2	1	3	0
Case 109	14	56,046,561	56,173,687	1	1	2	0
Case 109	14	56,177,363	57,040,343	2	1	3	0



Case 109	14	57,040,997	57,114,085	1	1	2	0
Case 109	14	57,114,385	57,672,715	2	1	3	0
Case 109	14	57,672,871	58,012,299	1	1	2	0
Case 109	14	58,012,553	58,661,423	2	1	3	0
Case 109	14	58,666,970	59,014,522	1	1	2	0
Case 109	14	59,020,666	59,813,931	2	1	3	0
Case 109	14	59,815,040	60,043,017	1	1	2	0
Case 109	14	60,043,053	60,403,314	2	1	3	0
Case 109	14	60,426,228	60,938,407	1	1	2	0
Case 109	14	60,945,298	61,960,492	2	1	3	0
Case 109	14	61,960,906	61,990,061	1	1	2	0
Case 109	14	61,990,861	62,803,949	2	1	3	0
Case 109	14	62,806,160	63,447,796	1	1	2	0
Case 109	14	63,451,572	64,065,726	2	1	3	0
Case 109	14	64,066,015	64,653,869	1	1	2	0
Case 109	14	64,654,431	64,884,106	2	1	3	0
Case 109	14	64,884,612	65,055,953	1	1	2	0
Case 109	14	65,056,007	65,698,121	2	1	3	0
Case 109	14	65,701,285	66,082,979	1	1	2	0
Case 109	14	66,083,214	68,236,320	2	1	3	0
Case 109	14	68,241,793	68,510,317	1	1	2	0
Case 109	14	68,551,273	68,749,927	2	1	3	0
Case 109	14	68,753,593	69,027,866	1	1	2	0
Case 109	14	69,028,603	71,444,592	2	1	3	0
Case 109	14	71,444,788	71,616,038	1	1	2	0
Case 109	14	71,619,939	73,756,226	2	1	3	0
Case 109	14	73,756,299	74,167,101	1	1	2	0
Case 109	14	74,178,729	74,263,752	2	1	3	0
Case 109	14	74,264,624	74,527,349	1	1	2	0
Case 109	14	74,531,485	74,884,825	2	1	3	0
Case 109	14	74,888,554	74,973,740	1	1	2	0
Case 109	14	74,973,926	75,022,277	2	1	3	0
Case 109	14	75,022,332	75,568,393	1	1	2	0
Case 109	14	75,572,265	75,959,341	2	1	3	0
Case 109	14	75,960,536	76,368,504	1	1	2	0
Case 109	14	76,368,544	77,628,472	2	1	3	0
Case 109	14	77,629,681	77,718,621	1	1	2	0
Case 109	14	77,719,346	77,795,668	2	1	3	0
Case 109	14	77,796,641	78,241,374	1	1	2	0
Case 109	14	78,247,282	79,367,396	2	1	3	0
Case 109	14	79,375,346	79,682,114	1	1	2	0
Case 109	14	79,690,398	80,551,109	2	1	3	0
Case 109	14	80,554,281	81,405,846	1	1	2	0
Case 109	14	81,406,683	81,631,721	2	1	3	0
Case 109	14	81,637,074	81,743,712	1	1	2	0
Case 109	14	81,743,718	81,964,410	2	1	3	0
Case 109	14	81,964,814	82,314,484	1	1	2	0
Case 109	14	82,337,322	82,573,285	2	1	3	0
Case 109	14	82,580,335	83,033,885	1	1	2	0
Case 109	14	83,034,512	83,903,366	2	1	3	0
Case 109	14	83,905,804	84,174,088	1	1	2	0
Case 109	14	84,175,805	87,913,934	2	1	3	0
Case 109	14	87,924,278	88,273,845	1	1	2	0
Case 109	14	88,275,924	88,794,114	2	1	3	0
Case 109	14	88,798,048	89,410,553	1	1	2	0
Case 109	14	89,412,182	90,031,107	2	1	3	0
Case 109	14	90,031,144	90,547,714	1	1	2	0
Case 109	14	90,550,344	91,324,459	2	1	3	0
Case 109	14	91,332,366	91,690,316	1	1	2	0
Case 109	14	91,691,074	91,914,979	2	1	3	0
Case 109	14	91,923,002	92,278,829	1	1	2	0

Case 109	14	92,279,983	92,403,294	2	1	3	0
Case 109	14	92,403,660	92,668,898	1	1	2	0
Case 109	14	92,671,063	93,170,993	2	1	3	0
Case 109	14	93,170,994	93,329,692	1	1	2	0
Case 109	14	93,331,734	93,418,952	2	1	3	0
Case 109	14	93,419,535	94,053,005	1	1	2	0
Case 109	14	94,058,279	94,585,852	2	1	3	0
Case 109	14	94,586,005	94,762,879	1	1	2	0
Case 109	14	94,763,493	95,518,143	2	1	3	0
Case 109	14	95,518,762	95,688,092	1	1	2	0
Case 109	14	95,688,105	96,739,847	2	1	3	0
Case 109	14	96,739,874	97,048,612	1	1	2	0
Case 109	14	97,053,924	97,257,326	2	1	3	0
Case 109	14	97,258,240	97,380,598	1	1	2	0
Case 109	14	97,388,444	98,157,982	2	1	3	0
Case 109	14	98,158,504	98,225,377	1	1	2	0
Case 109	14	98,229,487	100,792,507	2	1	3	0
Case 109	14	100,792,537	100,994,045	1	1	2	0
Case 109	14	100,996,293	107,287,663	2	1	3	0
Case 109	15	20,034,919	20,212,798	2	0	2	1
Case 109	15	20,612,840	22,750,305	3	0	3	1
Case 109	15	22,753,733	102,461,162	2	0	2	1
Case 109	16	88,165	10,868,904	3	0	3	1
Case 109	16	10,871,313	11,337,805	4	0	4	1
Case 109	16	11,340,579	35,285,582	3	0	3	1
Case 109	16	46,450,037	55,845,351	3	0	3	1
Case 109	16	55,850,708	55,866,937	2	0	2	1
Case 109	16	55,867,581	71,478,888	3	0	3	1
Case 109	16	71,480,239	71,791,798	4	0	4	1
Case 109	16	71,800,045	78,784,233	3	0	3	1
Case 109	16	78,787,891	78,839,835	1	0	1	0
Case 109	16	78,840,745	78,870,954	2	0	2	1
Case 109	16	78,871,429	78,960,323	1	0	1	0
Case 109	16	78,961,207	79,053,610	2	0	2	1
Case 109	16	79,053,912	79,076,706	1	0	1	0
Case 109	16	79,076,810	79,173,748	2	0	2	1
Case 109	16	79,175,411	79,229,465	1	0	1	0
Case 109	16	79,232,446	79,287,548	2	0	2	1
Case 109	16	79,288,234	79,311,132	1	0	1	0
Case 109	16	79,315,897	79,362,824	2	0	2	1
Case 109	16	79,363,079	79,494,293	1	0	1	0
Case 109	16	79,495,758	79,592,020	2	0	2	1
Case 109	16	79,594,409	79,621,818	1	0	1	0
Case 109	16	79,627,282	79,706,540	2	0	2	1
Case 109	16	79,708,901	79,941,572	1	0	1	0
Case 109	16	79,942,562	80,188,337	2	0	2	1
Case 109	16	80,189,487	80,362,213	1	0	1	0
Case 109	16	80,364,475	80,415,330	2	0	2	1
Case 109	16	80,415,890	80,471,213	1	0	1	0
Case 109	16	80,474,617	80,546,183	2	0	2	1
Case 109	16	80,546,497	80,584,435	1	0	1	0
Case 109	16	80,586,213	80,773,425	2	0	2	1
Case 109	16	80,779,076	81,079,641	1	0	1	0
Case 109	16	81,079,681	81,095,716	2	0	2	1
Case 109	16	81,097,356	81,148,438	1	0	1	0
Case 109	16	81,149,302	81,171,635	2	0	2	1
Case 109	16	81,172,338	81,183,468	1	0	1	0
Case 109	16	81,183,492	81,369,598	2	0	2	1
Case 109	16	81,369,811	81,426,426	1	0	1	0
Case 109	16	81,427,104	82,033,708	2	0	2	1
Case 109	16	82,033,810	82,273,372	1	0	1	0

Case 109	16	82,274,265	82,447,854	2	0	2	1
Case 109	16	82,451,159	82,489,125	1	0	1	0
Case 109	16	82,489,484	82,826,944	2	0	2	1
Case 109	16	82,827,663	82,965,065	1	0	1	0
Case 109	16	82,965,354	83,076,634	2	0	2	1
Case 109	16	83,076,742	83,192,172	1	0	1	0
Case 109	16	83,193,262	83,289,317	2	0	2	1
Case 109	16	83,289,483	83,417,673	1	0	1	0
Case 109	16	83,419,552	83,549,820	2	0	2	1
Case 109	16	83,552,798	83,656,037	1	0	1	0
Case 109	16	83,656,056	83,756,017	2	0	2	1
Case 109	16	83,756,215	83,817,069	1	0	1	0
Case 109	16	83,817,519	83,981,250	2	0	2	1
Case 109	16	83,983,071	84,029,556	1	0	1	0
Case 109	16	84,030,289	84,094,363	2	0	2	1
Case 109	16	84,094,417	84,198,906	1	0	1	0
Case 109	16	84,199,444	84,211,969	2	0	2	1
Case 109	16	84,212,597	84,230,339	1	0	1	0
Case 109	16	84,230,500	84,495,715	2	0	2	1
Case 109	16	84,495,733	84,514,341	1	0	1	0
Case 109	16	84,515,852	84,520,571	2	0	2	1
Case 109	16	84,522,890	84,575,432	1	0	1	0
Case 109	16	84,575,602	84,721,401	2	0	2	1
Case 109	16	84,724,256	84,832,998	1	0	1	0
Case 109	16	84,839,954	85,082,786	2	0	2	1
Case 109	16	85,092,575	85,175,235	1	0	1	0
Case 109	16	85,175,309	85,711,880	2	0	2	1
Case 109	16	85,711,915	85,931,504	1	0	1	0
Case 109	16	85,932,988	85,979,346	2	0	2	1
Case 109	16	85,980,968	86,095,113	1	0	1	0
Case 109	16	86,096,394	86,127,682	2	0	2	1
Case 109	16	86,129,507	86,168,801	1	0	1	0
Case 109	16	86,169,068	86,445,085	2	0	2	1
Case 109	16	86,445,827	86,509,307	1	0	1	0
Case 109	16	86,511,149	86,558,534	2	0	2	1
Case 109	16	86,561,602	86,690,125	1	0	1	0
Case 109	16	86,692,288	87,430,239	2	0	2	1
Case 109	16	87,432,453	87,672,493	1	0	1	0
Case 109	16	87,675,119	87,792,392	2	0	2	1
Case 109	16	87,795,580	87,874,140	1	0	1	0
Case 109	16	87,874,265	88,462,550	2	0	2	1
Case 109	16	88,464,220	88,719,770	1	0	1	0
Case 109	16	88,721,128	88,741,504	2	0	2	1
Case 109	16	88,743,485	89,057,561	1	0	1	0
Case 109	16	89,066,527	89,220,846	2	0	2	1
Case 109	16	89,221,795	89,287,559	1	0	1	0
Case 109	16	89,287,857	89,294,008	2	0	2	1
Case 109	16	89,294,027	89,347,372	1	0	1	0
Case 109	16	89,347,431	89,350,431	2	0	2	1
Case 109	16	89,350,710	89,712,440	1	0	1	0
Case 109	16	89,712,889	89,737,329	2	0	2	1
Case 109	16	89,737,463	89,814,807	1	0	1	0
Case 109	16	89,815,152	89,858,417	2	0	2	1
Case 109	16	89,862,202	89,985,778	1	0	1	0
Case 109	16	89,985,799	90,034,458	2	0	2	1
Case 109	16	90,035,141	90,095,620	1	0	1	0
Case 109	16	90,095,654	90,274,695	2	0	2	1
Case 109	17	11,885	4,120,933	2	0	2	1
Case 109	17	4,138,937	5,713,820	3	0	3	1
Case 109	17	5,717,679	5,982,293	4	0	4	1
Case 109	17	5,983,993	7,681,492	3	0	3	1

Case 109	17	7,681,731	22,242,355	2	0	2	1
Case 109	17	25,268,142	25,268,142	2	0	2	1
Case 109	17	25,295,032	26,116,637	2	1	3	0
Case 109	17	26,116,848	26,327,892	2	2	4	0
Case 109	17	26,329,191	28,419,090	2	1	3	0
Case 109	17	28,430,303	28,506,112	2	2	4	0
Case 109	17	28,506,253	29,114,229	2	1	3	0
Case 109	17	29,114,463	29,734,707	2	2	4	0
Case 109	17	29,738,601	31,298,706	2	1	3	0
Case 109	17	31,306,153	31,705,985	2	2	4	0
Case 109	17	31,706,265	31,746,526	2	1	3	0
Case 109	17	31,751,013	31,817,842	2	2	4	0
Case 109	17	31,819,214	32,099,219	2	1	3	0
Case 109	17	32,099,745	32,845,126	2	2	4	0
Case 109	17	32,847,040	34,959,298	2	1	3	0
Case 109	17	34,959,346	35,113,905	2	2	4	0
Case 109	17	35,116,542	35,454,892	2	1	3	0
Case 109	17	35,454,919	36,776,836	2	2	4	0
Case 109	17	36,776,981	37,687,522	2	1	3	0
Case 109	17	37,696,852	37,840,860	2	2	4	0
Case 109	17	37,840,912	37,985,732	2	1	3	0
Case 109	17	38,010,815	38,131,187	2	2	4	0
Case 109	17	38,139,024	38,716,360	2	1	3	0
Case 109	17	38,717,896	38,951,494	2	2	4	0
Case 109	17	38,953,242	41,134,412	2	1	3	0
Case 109	17	41,137,501	43,030,679	2	2	4	0
Case 109	17	43,031,392	43,191,656	4	1	5	0
Case 109	17	43,192,529	43,570,226	3	1	4	0
Case 109	17	43,685,925	57,941,166	2	0	2	1
Case 109	17	57,944,072	63,226,943	2	1	3	0
Case 109	17	63,227,804	63,527,220	2	2	4	0
Case 109	17	63,528,950	74,383,648	2	1	3	0
Case 109	17	74,383,678	79,093,324	3	1	4	0
Case 109	17	79,094,122	79,098,176	3	2	5	0
Case 109	17	79,098,773	80,048,811	3	1	4	0
Case 109	17	80,048,859	81,060,040	2	2	4	0
Case 109	18	87,505	3,370,474	2	0	2	1
Case 109	18	3,371,212	3,445,826	1	0	1	0
Case 109	18	3,448,762	3,604,788	2	0	2	1
Case 109	18	3,606,272	3,770,469	1	0	1	0
Case 109	18	3,776,564	3,848,826	2	0	2	1
Case 109	18	3,860,475	4,003,975	1	0	1	0
Case 109	18	4,004,514	15,375,878	2	0	2	1
Case 109	18	18,520,354	22,239,376	2	0	2	1
Case 109	18	22,239,440	22,430,986	3	0	3	1
Case 109	18	22,433,552	34,877,961	2	0	2	1
Case 109	18	34,878,226	35,077,028	3	0	3	1
Case 109	18	35,078,723	37,981,499	2	0	2	1
Case 109	18	37,984,800	78,015,180	2	1	3	0
Case 109	19	260,912	20,036,176	2	0	2	1
Case 109	19	20,044,186	20,046,102	1	0	1	0
Case 109	19	20,054,823	23,829,737	2	0	2	1
Case 109	19	23,837,145	23,937,693	1	0	1	0
Case 109	19	23,938,402	24,629,285	2	0	2	1
Case 109	19	27,732,159	27,919,724	2	0	2	1
Case 109	19	27,928,613	47,428,968	3	0	3	1
Case 109	19	47,447,158	54,891,185	2	0	2	1
Case 109	19	54,896,877	54,921,227	1	0	1	0
Case 109	19	54,930,361	59,097,160	2	0	2	1
Case 109	20	63,244	5,903,166	3	1	4	0
Case 109	20	5,903,223	5,904,558	2	1	3	0

Case 109	20	5,905,779	6,091,054	3	1	4	0
Case 109	20	6,091,175	6,217,600	3	2	5	0
Case 109	20	6,224,405	6,822,165	3	1	4	0
Case 109	20	6,826,062	9,487,033	3	2	5	0
Case 109	20	9,489,944	10,282,027	3	1	4	0
Case 109	20	10,283,950	10,392,595	3	2	5	0
Case 109	20	10,393,237	10,863,502	3	1	4	0
Case 109	20	10,864,326	13,225,350	3	2	5	0
Case 109	20	13,229,326	13,782,229	3	1	4	0
Case 109	20	13,782,279	15,434,198	3	2	5	0
Case 109	20	15,434,757	15,548,813	3	1	4	0
Case 109	20	15,549,323	16,146,742	3	2	5	0
Case 109	20	16,148,469	16,787,818	3	1	4	0
Case 109	20	16,788,003	17,110,620	3	2	5	0
Case 109	20	17,114,299	26,293,985	3	1	4	0
Case 109	20	29,425,357	36,788,191	3	1	4	0
Case 109	20	36,796,159	38,773,308	2	2	4	0
Case 109	20	38,774,289	38,872,419	3	2	5	0
Case 109	20	38,873,093	51,870,244	2	2	4	0
Case 109	20	51,870,325	51,881,039	2	1	3	0
Case 109	20	51,884,213	52,192,308	2	2	4	0
Case 109	20	52,192,415	52,213,053	2	1	3	0
Case 109	20	52,220,643	54,183,661	2	2	4	0
Case 109	20	54,184,214	54,289,508	3	2	5	0
Case 109	20	54,297,446	62,729,943	2	2	4	0
Case 109	20	62,729,967	62,948,788	2	1	3	0
Case 109	21	10,827,533	10,971,337	1	1	2	0
Case 109	21	14,368,320	25,146,499	1	1	2	0
Case 109	21	25,148,429	25,170,883	1	0	1	0
Case 109	21	25,174,651	45,877,291	1	1	2	0
Case 109	21	45,878,384	45,953,755	2	1	3	0
Case 109	21	45,953,773	48,100,155	1	1	2	0
Case 109	22	16,114,244	44,646,663	2	1	3	0
Case 109	22	44,652,157	45,309,808	1	0	1	0
Case 109	22	45,309,820	45,312,474	2	0	2	1
Case 109	22	45,312,801	45,795,041	1	0	1	0
Case 109	22	45,802,354	46,652,516	2	1	3	0
Case 109	22	46,652,612	46,657,713	1	1	2	0
Case 109	22	46,657,881	51,195,728	2	1	3	0

<sup>1</sup>Based on the reference human genome from UCSC human genome 19 (hg19). <sup>2</sup>Copy numbers of "A allele" and "B allele" were predicted by GPHMM (<http://bioinformatics.ustc.edu.cn/gphmm/> [Ref. 29]) . <sup>3</sup>1, positive; 0, negative.

**Supplementary Table 9.** Genes located on the aberrated chromosomal segments showing gains or losses in more than 15% of cancers belonging to Cluster A, B1 and B2

(A) Genes located on the aberrated chromosomal segments in more than 15% of (2 or more) cancers belonging to Cluster A (n=12)

Gene symbol <sup>1</sup>	Chromosome	National Center for Biotechnology Information (NCBI) Gene ID	Number of patients showing copy number alterations			
			Gain		Loss	
			ASCAT <sup>2</sup>	GPHMM <sup>3</sup>	ASCAT <sup>2</sup>	GPHMM <sup>3</sup>
<i>ABRA</i>	8	137735	3	2	0	0
<i>ADCY8</i>	8	114	2	2	0	0
<i>ANGPT1</i>	8	284	3	2	0	0
<i>ANKRD46</i>	8	157567	3	2	0	0
<i>ASPH</i>	8	444	3	2	0	0
<i>ATAD2</i>	8	29028	3	2	0	0
<i>ATP6V0CP3</i>	6	442211	2	2	0	0
<i>ATP6V1C1</i>	8	528	3	2	0	0
<i>AZIN1-AS1</i>	8	100506753	3	2	0	0
<i>BAALC</i>	8	79870	3	2	0	0
<i>BAALC-AS1</i>	8	100499183	3	2	0	0
<i>BAALC-AS2</i>	8	157556	3	2	0	0
<i>BICRAL</i>	6	23506	2	2	0	0
<i>C19orf12</i>	19	83636	2	2	0	0
<i>C6orf226</i>	6	441150	2	2	0	0
<i>C8orf76</i>	8	84933	3	2	0	0
<i>CALB1</i>	8	793	3	2	0	0
<i>CASC11</i>	8	100270680	3	2	0	0
<i>CASC19</i>	8	103021165	3	2	0	0
<i>CASC21</i>	8	103021164	3	2	0	0
<i>CASC8</i>	8	727677	3	2	0	0
<i>CCAT1</i>	8	100507056	3	2	0	0
<i>CCAT2</i>	8	101805488	3	2	0	0
<i>CCDC26</i>	8	137196	2	2	0	0
<i>CCN3</i>	8	4856	3	2	0	0
<i>CCNE1</i>	19	898	2	2	0	0
<i>CDC5L</i>	6	988	2	2	0	0
<i>CLVS1</i>	8	157807	3	2	0	0
<i>CNPY3</i>	6	10695	2	2	0	0
<i>CNPY3-GNMT</i>	6	107080644	2	2	0	0
<i>COL14A1</i>	8	7373	3	2	0	0
<i>COLEC10</i>	8	10584	3	3	0	0
<i>COX6C</i>	8	1345	3	3	0	0
<i>CPLANE1</i>	5	65250	2	3	0	0
<i>CSMD3</i>	8	114788	3	2	0	0
<i>CTHRC1</i>	8	115908	3	2	0	0
<i>DCAF13</i>	8	25879	3	2	0	0
<i>DECR1</i>	8	1666	3	2	0	0
<i>DEPTOR</i>	8	64798	3	2	0	0
<i>DSCC1</i>	8	79075	3	2	0	0
<i>E2F5</i>	8	1875	3	2	0	0
<i>EFR3A</i>	8	23167	2	2	0	0
<i>EIF3E</i>	8	3646	3	2	0	0

<i>ELOC</i>	8	6921	3	2	0	0
<i>EMC2</i>	8	9694	3	2	0	0
<i>ENPP2</i>	8	5168	3	2	0	0
<i>EPPK1</i>	8	83481	2	2	0	0
<i>ERBB2</i>	17	2064	2	2	0	0
<i>EXT1</i>	8	2131	3	3	0	0
<i>FBXO43</i>	8	286151	3	3	0	0
<i>FHIT</i>	3	2272	0	0	4	5
<i>FLJ42969</i>	8	441374	3	2	0	0
<i>FZD6</i>	8	8323	3	2	0	0
<i>GGH</i>	8	8836	3	2	0	0
<i>GNMT</i>	6	27232	2	2	0	0
<i>GRB7</i>	17	2886	2	2	0	0
<i>GRHL2</i>	8	79977	3	2	0	0
<i>HAS2</i>	8	3037	3	2	0	0
<i>HAS2-AS1</i>	8	594842	3	2	0	0
<i>IKZF3</i>	17	22806	2	2	0	0
<i>KCNB2</i>	8	9312	3	2	0	0
<i>KCNV1</i>	8	27012	3	3	0	0
<i>KRT14</i>	17	3861	2	2	0	0
<i>KRT16</i>	17	3868	2	2	0	0
<i>KRT23</i>	17	25984	2	2	0	0
<i>KRT33A</i>	17	3883	2	2	0	0
<i>KRT33B</i>	17	3884	2	2	0	0
<i>KRT39</i>	17	390792	2	2	0	0
<i>KRT40</i>	17	125115	2	2	0	0
<i>KRTAP1-5</i>	17	83895	2	2	0	0
<i>KRTAP16-1</i>	17	100505753	2	2	0	0
<i>KRTAP17-1</i>	17	83902	2	2	0	0
<i>KRTAP29-1</i>	17	100533177	2	2	0	0
<i>KRTAP3-1</i>	17	83896	2	2	0	0
<i>KRTAP3-2</i>	17	83897	2	2	0	0
<i>KRTAP3-3</i>	17	85293	2	2	0	0
<i>LINC00534</i>	8	100874052	3	2	0	0
<i>LINC00824</i>	8	101927774	3	2	0	0
<i>LINC00861</i>	8	100130231	3	2	0	0
<i>LINC00976</i>	8	106144608	3	2	0	0
<i>LINC00977</i>	8	728724	3	2	0	0
<i>LINC01181</i>	8	379034	3	2	0	0
<i>LINC01419</i>	8	103352670	3	2	0	0
<i>LINC01608</i>	8	101927459	3	2	0	0
<i>LINC01609</i>	8	101927487	3	2	0	0
<i>LINC01617</i>	8	101926947	3	2	0	0
<i>LINC02055</i>	8	107986980	2	2	0	0
<i>LINC02155</i>	8	111082988	3	2	0	0
<i>LINC02237</i>	8	105375706	3	2	0	0
<i>LMBRD2</i>	5	92255	2	2	0	0
<i>LOC100132813</i>	8	100132813	3	2	0	0

LOC100500773	8	100500773	3	2	0	0
LOC101927141	8	101927141	3	2	0	0
LOC101927513	8	101927513	3	2	0	0
LOC101927543	8	101927543	3	2	0	0
LOC101927657	8	101927657	3	2	0	0
LOC101927798	8	101927798	2	2	0	0
LOC101927822	8	101927822	2	2	0	0
LOC101927915	8	101927915	2	2	0	0
LOC101929709	8	101929709	3	2	0	0
LOC102723322	8	102723322	3	2	0	0
LOC104054148	8	104054148	3	2	0	0
LOC105369147	8	105369147	3	2	0	0
LOC105374727	5	105374727	2	3	0	0
LOC105375075	6	105375075	2	2	0	0
LOC105375690	8	105375690	3	2	0	0
LOC401261	6	401261	2	2	0	0
LOC401478	8	401478	2	2	0	0
LRATD2	8	157638	3	2	0	0
LRRCC1	8	85444	3	2	0	0
LY96	8	23643	3	2	0	0
MAL2	8	114569	3	2	0	0
MAL2-AS1	8	105375726	3	2	0	0
MED30	8	90390	3	2	0	0
MIEN1	17	84299	2	2	0	0
MIR1204	8	100302185	3	2	0	0
MIR1205	8	100302161	2	2	0	0
MIR1206	8	100302170	3	2	0	0
MIR2053	8	100302225	3	2	0	0
MIR3151	8	100422992	3	2	0	0
MIR3686	8	100500839	2	2	0	0
MIR4470	8	100616484	3	2	0	0
MIR4471	8	100616451	3	2	0	0
MIR4642	6	100616352	2	2	0	0
MIR4728	17	100616132	2	2	0	0
MIR548AA1	8	100500863	3	2	0	0
MIR548AZ	8	102466162	3	2	0	0
MIR548D1	8	693130	3	2	0	0
MIR5680	8	100847001	3	2	0	0
MIR580	5	693165	2	2	0	0
MIR586	6	693171	2	2	0	0
MIR599	8	693184	3	3	0	0
MIR875	8	100126309	3	3	0	0
MRPL13	8	28998	3	2	0	0
MTBP	8	27085	3	2	0	0
MYC	8	4609	3	2	0	0
NACA4P	8	83955	3	2	0	0
NADK2	5	133686	2	3	0	0
NBN	8	4683	3	2	0	0



<i>NCALD</i>	8	83988	3	2	0	0
<i>NIPBL</i>	5	25836	2	3	0	0
<i>NIPBL-DT</i>	5	646719	2	3	0	0
<i>NKAIN3</i>	8	286183	3	2	0	0
<i>NKAIN3-IT1</i>	8	643763	3	2	0	0
<i>NUDCD1</i>	8	84955	3	2	0	0
<i>NUP155</i>	5	9631	2	3	0	0
<i>OSGIN2</i>	8	734	3	2	0	0
<i>OSR2</i>	8	116039	3	2	0	0
<i>OXR1</i>	8	55074	3	2	0	0
<i>PABPC1</i>	8	26986	3	2	0	0
<i>PCAT1</i>	8	100750225	3	4	0	0
<i>PCAT2</i>	8	103164619	3	4	0	0
<i>PEX6</i>	6	5190	2	2	0	0
<i>PGAP3</i>	17	93210	2	2	0	0
<i>PLEKHF1</i>	19	79156	2	2	0	0
<i>PNMT</i>	17	5409	2	2	0	0
<i>POLR2K</i>	8	5440	3	3	0	0
<i>POP4</i>	19	10775	2	2	0	0
<i>POU5F1B</i>	8	5462	3	2	0	0
<i>PPP2R5D</i>	6	5528	2	2	0	0
<i>PRNCR1</i>	8	101867536	3	4	0	0
<i>PRPH2</i>	6	5961	2	2	0	0
<i>PTCRA</i>	6	171558	2	2	0	0
<i>PVT1</i>	8	5820	3	2	0	0
<i>RALYL</i>	8	138046	3	2	0	0
<i>RANBP3L</i>	5	202151	2	3	0	0
<i>RGS22</i>	8	26166	3	3	0	0
<i>RIMS2</i>	8	9699	3	2	0	0
<i>RIPK2</i>	8	8767	3	2	0	0
<i>RNF19A</i>	8	25897	3	2	0	0
<i>RPL7L1</i>	6	285855	2	2	0	0
<i>RRM2B</i>	8	50484	3	2	0	0
<i>RSPO2</i>	8	340419	3	2	0	0
<i>RUNX2</i>	6	860	2	2	0	0
<i>SAMD12</i>	8	401474	3	3	0	0
<i>SAMD12-AS1</i>	8	552860	3	3	0	0
<i>SKP2</i>	5	6502	2	2	0	0
<i>SLC1A3</i>	5	6507	2	3	0	0
<i>SLC25A32</i>	8	81034	3	2	0	0
<i>SMILR</i>	8	105375734	3	2	0	0
<i>SNORD168</i>	8	109623457	3	3	0	0
<i>SNORD173</i>	8	109623480	3	2	0	0
<i>SNORD77B</i>	8	109616982	3	3	0	0
<i>SNTB1</i>	8	6641	3	2	0	0
<i>SNX31</i>	8	169166	3	2	0	0
<i>SPAG1</i>	8	6674	3	3	0	0
<i>SPATS1</i>	6	221409	2	2	0	0

<i>STAU2</i>	8	27067	3	2	0	0
<i>STK3</i>	8	6788	3	2	0	0
<i>SUPT3H</i>	6	8464	2	2	0	0
<i>SYBU</i>	8	55638	3	3	0	0
<i>TAF2</i>	8	6873	3	2	0	0
<i>TBCC</i>	6	6903	2	2	0	0
<i>TMEM70</i>	8	54968	3	2	0	0
<i>TMEM74</i>	8	157753	3	2	0	0
<i>TMEM75</i>	8	641384	3	2	0	0
<i>TNFRSF11B</i>	8	4982	3	3	0	0
<i>TRERF1</i>	6	55809	2	2	0	0
<i>TRHR</i>	8	7201	3	2	0	0
<i>UBE2W</i>	8	55284	3	2	0	0
<i>UBR2</i>	6	23304	2	2	0	0
<i>UBR5</i>	8	51366	3	2	0	0
<i>UBR5-AS1</i>	8	101927221	3	2	0	0
<i>URI1</i>	19	8725	2	2	0	0
<i>VPS13B</i>	8	157680	3	3	0	0
<i>VSTM2B</i>	19	342865	2	2	0	0
<i>WDYHV1</i>	8	55093	3	2	0	0
<i>YWHAZ</i>	8	7534	3	2	0	0
<i>ZFPM2</i>	8	23414	3	2	0	0
<i>ZFPM2-AS1</i>	8	102723356	3	2	0	0
<i>ZHX1</i>	8	11244	3	2	0	0
<i>ZHX1-C8orf76</i>	8	100533106	3	2	0	0
<i>ZNF706</i>	8	51123	3	2	0	0
<i>ZBP2</i>	17	124626	2	2	0	0

(B) Genes located on the aberrated chromosomal segments in more than 15% of (2 or more) cancers belonging to Cluster B1 (n=12)

Gene symbol <sup>1</sup>	Chromosome	National Center for Biotechnology Information (NCBI) Gene ID	Number of patients showing copy number alterations			
			Gain		Loss	
			ASCAT <sup>2</sup>	GPHMM <sup>3</sup>	ASCAT <sup>2</sup>	GPHMM <sup>3</sup>
<i>ABRA</i>	8	137735	2	2	0	0
<i>ACTR3BP5</i>	10	399746	2	2	0	0
<i>ADCY8</i>	8	114	3	3	0	0
<i>ANGPT1</i>	8	284	2	2	0	0
<i>ANKH</i>	5	56172	2	2	0	0
<i>ANKRD30A</i>	10	91074	2	3	0	0
<i>ASAP1</i>	8	50807	3	3	0	0
<i>ASAP1-IT1</i>	8	29065	3	3	0	0
<i>ASAP1-IT2</i>	8	100507117	3	3	0	0
<i>B3GALT2</i>	1	8707	2	2	0	0
<i>BASP1</i>	5	10409	2	2	0	0
<i>BASP1-AS1</i>	5	285696	2	2	0	0
<i>BRINP3</i>	1	339479	2	2	0	0
<i>C5orf17</i>	5	439936	2	2	0	0
<i>C9</i>	5	735	2	2	0	0
<i>CASC11</i>	8	100270680	3	3	0	0

CASC19	8	103021165	3	3	0	0
CASC21	8	103021164	3	3	0	0
CASC8	8	727677	3	3	0	0
CCAT1	8	100507056	3	3	0	0
CCAT2	8	101805488	3	3	0	0
CCDC26	8	137196	3	4	0	0
CCN3	8	4856	2	2	0	0
CDC73	1	79577	2	2	0	0
CDH10	5	1008	2	2	0	0
CDH12	5	1010	2	2	0	0
CFH	1	3075	2	2	0	0
CLDN11	3	5010	2	2	0	0
COL14A1	8	7373	2	2	0	0
COLEC10	8	10584	2	2	0	0
CSMD3	8	114788	2	2	0	0
CTD-2350J17.1	5	101929472	2	2	0	0
DAB2	5	1601	2	2	0	0
DEPTOR	8	64798	2	2	0	0
DERL1	8	79139	2	2	0	0
DSCC1	8	79075	2	2	0	0
EBAG9	8	9166	2	2	0	0
EFR3A	8	23167	2	2	0	0
EGFEM1P	3	93556	2	2	0	0
EIF3E	8	3646	2	2	0	0
EMC2	8	9694	2	2	0	0
ENPP2	8	5168	2	2	0	0
ENY2	8	56943	2	2	0	0
ERBB2	17	2064	2	3	0	0
EXT1	8	2131	2	2	0	0
FAM49B	8	51571	3	3	0	0
FBXL7	5	23194	2	2	0	0
FHIT	3	2272	0	1	3	4
FYB1	5	2533	2	2	0	0
GLRX2	1	51022	2	2	0	0
GRB7	17	2886	2	2	0	0
GSDMC	8	56169	3	3	0	0
H3.Y	5	391769	2	2	0	0
HAS2	8	3037	2	2	0	0
HAS2-AS1	8	594842	2	2	0	0
HHLA1	8	10086	2	2	0	0
HPYR1	8	93668	2	2	0	0
HSD17B7P2	10	158160	2	2	0	0
KCNQ3	8	3786	2	2	0	0
KCNT2	1	343450	2	2	0	0
KCNV1	8	27012	2	2	0	0
LINC00603	5	102467077	2	2	0	0
LINC00824	8	101927774	3	3	0	0
LINC00861	8	100130231	3	3	0	0

LINC00976	8	106144608	3	4	0	0
LINC00977	8	728724	3	4	0	0
LINC00993	10	101929520	2	3	0	0
LINC00999	10	399744	2	2	0	0
LINC01031	1	101929184	2	2	0	0
LINC01036	1	104169671	2	2	0	0
LINC01037	1	106144535	2	2	0	0
LINC01151	8	104266958	2	2	0	0
LINC01608	8	101927459	2	2	0	0
LINC01609	8	101927487	2	2	0	0
LINC01680	1	105371660	2	2	0	0
LINC01720	1	440704	2	2	0	0
LINC01724	1	105371673	2	2	0	0
LINC02055	8	107986980	2	2	0	0
LINC02082	3	100507661	2	2	0	0
LINC02104	5	101926940	2	2	0	0
LINC02111	5	401177	2	2	0	0
LINC02150	5	101929505	2	2	0	0
LINC02211	5	105374693	2	2	0	0
LINC02217	5	101929544	2	2	0	0
LINC02218	5	102723526	2	2	0	0
LINC02223	5	646241	2	2	0	0
LINC02228	5	105374694	2	2	0	0
LINC02237	8	105375706	2	2	0	0
LINC02239	5	340107	2	2	0	0
LOC100129055	10	100129055	2	2	0	0
LOC100132813	8	100132813	2	2	0	0
LOC101927513	8	101927513	2	2	0	0
LOC101927543	8	101927543	2	2	0	0
LOC101927657	8	101927657	3	3	0	0
LOC101927915	8	101927915	2	2	0	0
LOC401176	5	401176	2	2	0	0
LOC401478	8	401478	2	2	0	0
LRATD2	8	157638	3	3	0	0
LRR6	8	23639	2	2	0	0
MACROD2	20	140733	0	0	2	2
MAL2	8	114569	2	2	0	0
MAL2-AS1	8	105375726	2	2	0	0
MARCH11	5	441061	2	2	0	0
MECOM	3	2122	2	2	0	0
MED30	8	90390	2	2	0	0
MIEN1	17	84299	2	3	0	0
MIR10522	5	113218490	2	2	0	0
MIR1204	8	100302185	3	3	0	0
MIR1205	8	100302161	3	3	0	0
MIR1206	8	100302170	3	3	0	0
MIR1207	8	100302175	3	3	0	0
MIR1208	8	100302281	3	3	0	0

<i>MIR1278</i>	1	100302163	2	2	0	0
<i>MIR2053</i>	8	100302225	2	2	0	0
<i>MIR3686</i>	8	100500839	3	4	0	0
<i>MIR4728</i>	17	100616132	2	3	0	0
<i>MIR4735</i>	1	100616363	2	2	0	0
<i>MIR5194</i>	8	100847051	3	3	0	0
<i>MIR548AZ</i>	8	102466162	2	2	0	0
<i>MIR6828</i>	3	102465497	2	2	0	0
<i>MIR887</i>	5	100126347	2	2	0	0
<i>MRPL13</i>	8	28998	2	2	0	0
<i>MTBP</i>	8	27085	2	2	0	0
<i>MTRNR2L7</i>	10	100288485	2	3	0	0
<i>MYC</i>	8	4609	3	3	0	0
<i>MYO10</i>	5	4651	2	2	0	0
<i>NDRG1</i>	8	10397	2	2	0	0
<i>NEK7</i>	1	140609	2	2	0	0
<i>NSMCE2</i>	8	286053	2	2	0	0
<i>NUDCD1</i>	8	84955	2	2	0	0
<i>OC90</i>	8	729330	2	2	0	0
<i>OTULIN</i>	5	90268	2	2	0	0
<i>OTULINL</i>	5	54491	2	2	0	0
<i>OXR1</i>	8	55074	2	2	0	0
<i>PCAT1</i>	8	100750225	3	3	0	0
<i>PCAT2</i>	8	103164619	3	3	0	0
<i>PGAP3</i>	17	93210	2	3	0	0
<i>PHF20L1</i>	8	51105	2	2	0	0
<i>PKHD1L1</i>	8	93035	2	2	0	0
<i>PNMT</i>	17	5409	2	3	0	0
<i>POU5F1B</i>	8	5462	3	3	0	0
<i>PRDM9</i>	5	56979	2	2	0	0
<i>PRKCI</i>	3	5584	2	2	0	0
<i>PRNCR1</i>	8	101867536	3	3	0	0
<i>PVT1</i>	8	5820	3	3	0	0
<i>RETREG1</i>	5	54463	2	2	0	0
<i>RICTOR</i>	5	253260	2	2	0	0
<i>RO60</i>	1	6738	2	2	0	0
<i>RSPO2</i>	8	340419	2	2	0	0
<i>SAMD12</i>	8	401474	2	2	0	0
<i>SAMD12-AS1</i>	8	552860	2	2	0	0
<i>SEPTIN7P9</i>	10	285961	2	2	0	0
<i>SKIL</i>	3	6498	2	2	0	0
<i>SLC30A8</i>	8	169026	2	2	0	0
<i>SLC7A14</i>	3	57709	2	2	0	0
<i>SLC7A14-AS1</i>	3	101928583	2	2	0	0
<i>SMILR</i>	8	105375734	2	2	0	0
<i>SNORD141A</i>	5	106635683	2	2	0	0
<i>SNORD141B</i>	5	106635684	2	2	0	0
<i>SNORD168</i>	8	109623457	2	2	0	0

<i>SNTB1</i>	8	6641	2	2	0	0
<i>ST3GAL1</i>	8	6482	2	2	0	0
<i>STARD3</i>	17	10948	2	3	0	0
<i>SYBU</i>	8	55638	2	2	0	0
<i>SYCP2</i>	20	10388	2	2	0	0
<i>TAF2</i>	8	6873	2	2	0	0
<i>TBC1D31</i>	8	93594	2	2	0	0
<i>TCAP</i>	17	8557	2	3	0	0
<i>TG</i>	8	7038	2	2	0	0
<i>TMEM71</i>	8	137835	2	2	0	0
<i>TMEM74</i>	8	157753	2	2	0	0
<i>TMEM75</i>	8	641384	3	3	0	0
<i>TNFRSF11B</i>	8	4982	2	2	0	0
<i>TRHR</i>	8	7201	2	2	0	0
<i>TRIB1</i>	8	10221	2	2	0	0
<i>TSHZ2</i>	20	128553	2	2	0	0
<i>ZHX2</i>	8	22882	2	2	0	0
<i>ZNF33A</i>	10	7581	2	2	0	0
<i>ZNF37A</i>	10	7587	2	2	0	0
<i>ZNF622</i>	5	90441	2	2	0	0

(C) Genes located on the aberrated chromosomal segments in more than 15% of (7 or more) cancers belonging to Cluster B2 (n=42)

Gene symbol <sup>1</sup>	Chromosome	National Center for Biotechnology Information (NCBI) Gene ID	Number of patients showing copy number alterations			
			Gain		Loss	
			ASCAT <sup>2</sup>	GPHMM <sup>3</sup>	ASCAT <sup>2</sup>	GPHMM <sup>3</sup>
<i>BCAS1</i>	20	8537	7	8	0	0
<i>CYP24A1</i>	20	1591	7	8	0	0
<i>DOK5</i>	20	55816	8	9	0	0
<i>FHIT</i>	3	2272	1	0	10	15
<i>LINC01429</i>	20	101927678	7	7	0	0
<i>LINC01440</i>	20	102723578	7	8	0	0
<i>LINC01441</i>	20	101927796	7	8	0	0
<i>LINC01524</i>	20	101927700	9	9	0	0
<i>LOC105372672</i>	20	105372672	7	7	0	0
<i>MIR4756</i>	20	100616225	7	8	0	0
<i>PFDN4</i>	20	5203	8	8	0	0
<i>PLCB1</i>	20	23236	8	7	0	0
<i>PLCB4</i>	20	5332	7	7	0	0
<i>SUMO1P1</i>	20	391257	7	8	0	0
<i>TMX4</i>	20	56255	8	7	0	0
<i>TSHZ2</i>	20	128553	7	8	0	0
<i>ZFP64</i>	20	55734	8	9	0	0
<i>ZNF217</i>	20	7764	7	7	0	0

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<sup>1</sup>Genes located on the chromosomal segments showing gain (copy number of 6 or more) and loss (copy number of 0) across 22 autosomes were identified by BEDTools (version 2.29.0) (<https://bedtools.readthedocs.io/en/latest/#>) (Ref. 30). <sup>2</sup>Copy number alterations based on Allele-Specific Copy Number Analysis of Tumors software (ASCAT, version 2.5.2) (<https://www.crick.ac.uk/research/labs/peter-van-loo/software>) (Ref. 28). <sup>3</sup>Copy number alterations based on Global Parameter Hidden Markov Model software (GPHMM, version 1.3) (<http://bioinformatics.ustc.edu.cn/gphmm/>) (Ref. 29).

**Supplementary Table 10.** Number of epigenetically and genetically aberrated genes in Clusters A, B1 and B2

Cluster	Number of aberrated genes				
	Genes showing DNA methylation alterations between C and T samples (Supplementary Table S4)	Genes showing SNVs and/or indels that were detected in more than 15% of cases, and affected protein function (Supplementary Table S7)	Genes showing CNAs which were detected in more than 15% of cases (Supplementary Table S9)		Total excluding overlap
			Gain	Loss	
A	783	515	213	1	1453
B1	367	345	178	2	865
B2	550	112	17	1	663

SNVs, single-nucleotide variants; indels, insertions/deletions; CNAs, copy number aberrations.



**Supplementary Table 11.** Statistically significant GeneGo pathway maps (False discovery rate [FDR]<0.05) revealed by MetaCore software (Thomson Reuters, NY) using epigenetically and genetically affected genes in gastric carcinomas belonging to Clusters A, B1 and B2

**(A) Statistically significant GeneGo pathway maps in Cluster A**

Enriched pathways	FDR	P	Genes showing DNA methylation alterations, single nucleotide variants (SNVs), insertion/deletions (indels) and/or copy number aberrations (CNAs)
WNT signaling in gastric cancer	0.010	< 0.001	SKP2, SFRP1, SFRP2, APC, WNT8A, FZD2, WNT2, TNF
Immune response_IL-4-induced regulators of cell growth, survival, differentiation and metabolism	0.010	< 0.001	FABP4, FLG, CCNA1, MMP13, ALDH1A2, TNFRSF11B, PLEKHF1, FOXO1, KCNN4, MYC, CCNE1, LPL
Gamma-secretase proteolytic targets	0.013	< 0.001	BACE2, CDH2, FLT1, LRP1B, ERBB4, NOTCH3
Development_Negative regulation of WNT/Beta-catenin signaling in the nucleus	0.016	< 0.001	FHIT, KDM2B, RNF43, PAX7, TLE4, RUNX3, VHL, WNT2, APC, SOX17, CTNNA1, FZD2, NOS3, YWHAZ
Cytoskeleton remodeling_Keratin filaments	0.026	0.001	PLEC, TUBB8, KRT16, EPPK1, KRT1, KRT14, PKP2, VIM
E-cadherin signaling and its regulation in gastric cancer	0.026	0.001	ACTN2, TWIST1, WNT2, ACTA1, EGFR, CTNNA1, FZD2, ZEB2
Stem cells_Schema: FGF signaling in embryonic stem cell self-renewal and differentiation	0.034	0.001	TBXT, PTF1A, SOX1, KDR, PTCH1, NEFM, PDX1, IGF2, SOX17
DNA damage_ATM/ATR regulation of G1/S checkpoint	0.047	0.001	CCNA1, BRCA1, TP53, MYC, CCNE1, NBN, ATM
Proteolysis_Role of Parkin in the Ubiquitin-Proteasomal Pathway	0.048	0.001	TUBB8, RNF19A, HSPA2, CASP8, CCNE1, SNCAIP

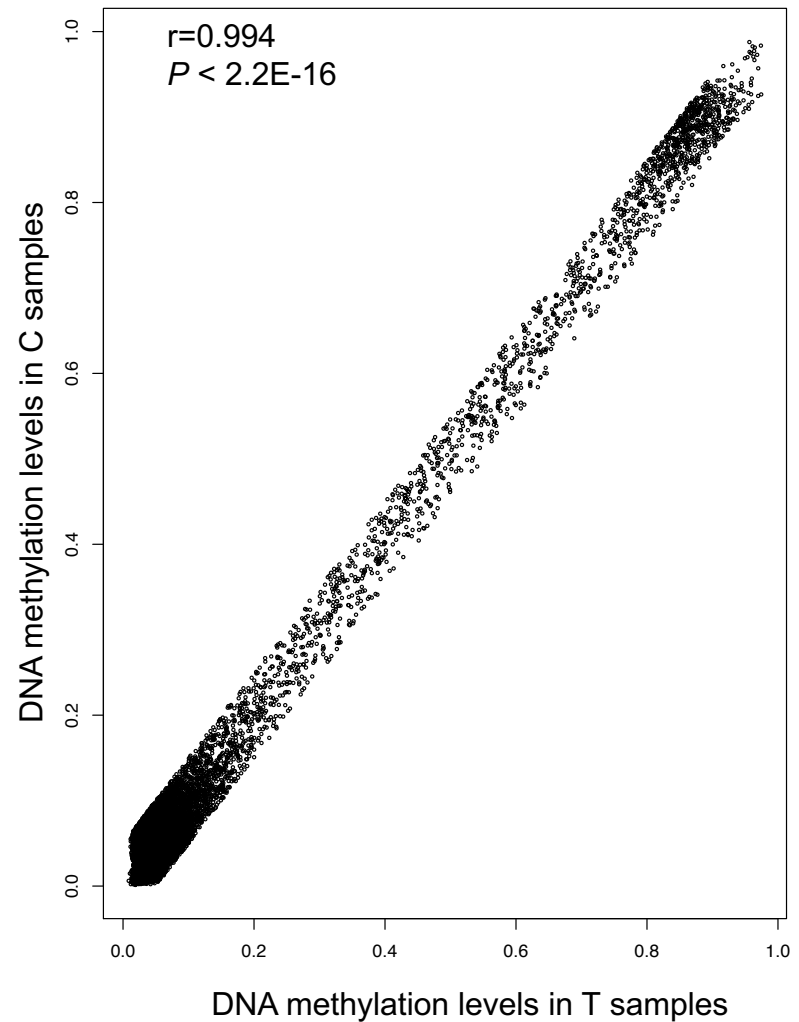
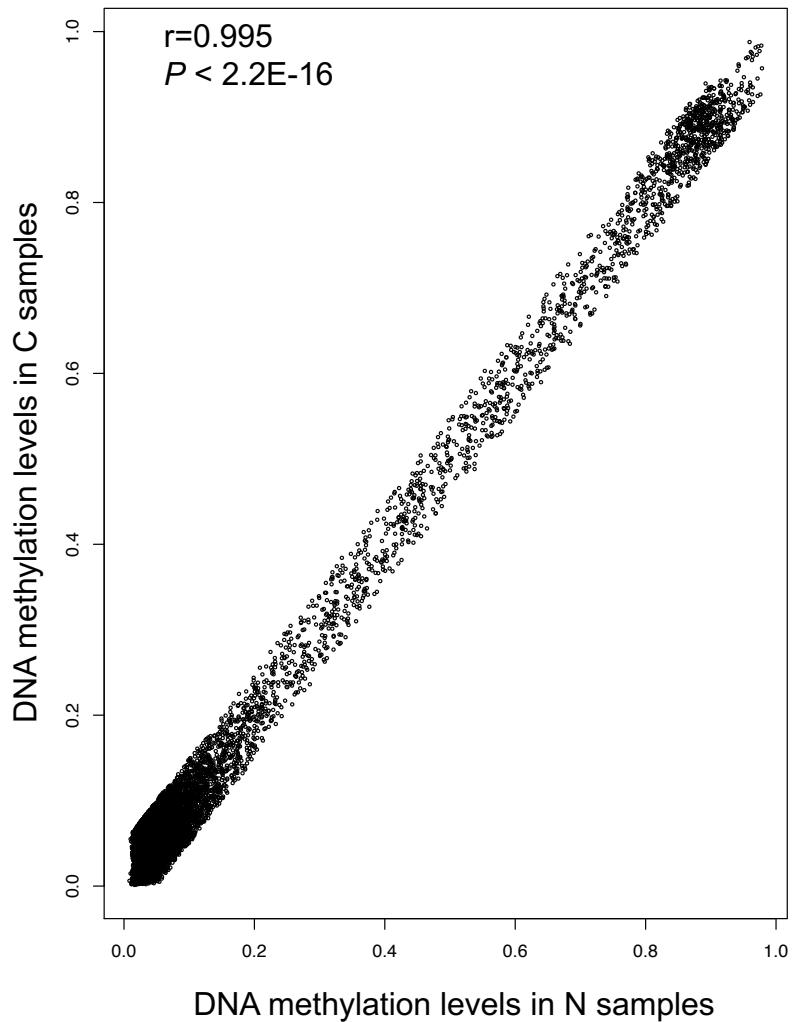
**(B) Statistically significant GeneGo pathway maps in Cluster B1**

Enriched pathways	FDR	P	Genes showing DNA methylation alterations, SNVs, indels, and/or CNAs
Cell adhesion_Histamine H1 receptor signaling in the interruption of cell barrier integrity	0.000	< 0.001	TLN2, CDH1, CTNNB1, PRKCD, ROCK1, ACTB, CTNNA3, MYLK, ITPR3, GNA15
Gamma-secretase proteolytic targets	0.001	< 0.001	CDH2, LRP1B, ERBB4, CDH1
Cell adhesion_Role of CDK5 in cell adhesion	0.001	< 0.001	TLN2, CDH1, CTNNB1, CTNNA3, ERBB2
Cytoskeleton remodeling_Keratin filaments	0.001	< 0.001	PLEC, TUBB8, PKP2, EPPK1, VIM, ACTB, KRT1, KRT13
Development_Regulation of epithelial-to-mesenchymal transition (EMT)	0.002	< 0.001	IL1B, CDH2, CDH1, VIM, WNT16, MMP9, FZD10, ACTB, SKIL, TWIST1
Cytoskeleton remodeling_Role of PKA in cytoskeleton reorganisation	0.002	< 0.001	ROCK1, PRKAR1B, ADCY4, ACTB, MYLK, ITPR3, ADD2
Signal transduction_mTORC2 downstream signaling	0.003	< 0.001	RICTOR, TP53, CTNNB1, PRKCD, MYC, PRKAR1B, IGF2, ACTB, FLNA, PRKCI
Development_Negative feedback regulation of WNT/Beta-catenin signaling	0.003	< 0.001	CTNNB1, PRKCD, RNF43, WNT16, HUWE1, TRRAP, FZD10
Chemotaxis_Lysophosphatidic acid signaling via GPCRs	0.003	< 0.001	CDH1, TP53, CTNNB1, PRKCD, HAS2, ACTB, PLCH1, ROCK1, ITPR3, PRKCI, MAP2K4, GNA15
Development_Negative regulation of WNT/Beta-catenin signaling in the nucleus	0.004	< 0.001	RUNX3, FHIT, VHL, CTNNB1, PRKCD, RNF43, PAX7, WNT16, GLI3, TRRAP, FZD10
E-cadherin signaling and its regulation in gastric cancer	0.004	< 0.001	CDH1, CTNNB1, WNT16, ACTA1, CTNNA3, FZD10, TWIST1
Cell adhesion_Cadherin-mediated cell adhesion	0.005	< 0.001	CDH2, CDH1, CTNNB1, ACTB, ACTA1, CTNNA3
Cell adhesion_ECM remodeling	0.010	< 0.001	CXCR1, NID1, ACTB, FLOT2, MMP9, IGF2, ERBB4, COL4A1
Signal transduction_Modulation of calcium and potassium channels by Adenosine A1 receptor	0.011	< 0.001	CACNA1C, CACNA1E, PRKAR1B, CACNG3, ADCY4, ITPR3
Hyaluronic acid/CD44 signaling in cancer	0.012	< 0.001	ESR1, ROCK1, ACTB, MMP9, FLNA, VAV2, TWIST1, ROCK1
Cytoskeleton remodeling_Regulation of actin cytoskeleton organization by the kinase effectors of Rho G	0.012	< 0.001	TLN2, PIP5K1A, ROCK1, ACTB, FLNA, SPTBN5, MYLK
Cytoskeleton remodeling_Thyroliberin in cytoskeleton remodeling	0.013	< 0.001	TRHR, CACNA1C, PRKAR1B, ADCY4, TRH, ITPR3
Development_Thyroliberin signaling	0.013	< 0.001	TRHR, CACNA1C, PRKCD, PRKAR1B, ADCY4, TRH, ITPR3, GNA15
Cell adhesion_Endothelial cell contacts by non-junctional mechanisms	0.018	0.001	CDH2, CTNNB1, ACTB, CTNNA3, COL4A1
Cell adhesion_Role of tetraspanins in the integrin-mediated cell adhesion	0.020	0.001	TLN2, CD53, ROCK1, ACTB, ACTA1, FLNA
Signal transduction_Cyclic AMP signaling	0.022	0.001	PRKCD, PRKAR1B, ADCY4, ADCY8, PRKCI, RYR1
Cell adhesion_Endothelial cell contacts by junctional mechanisms	0.023	0.001	CDH2, CTNNB1, VIM, ACTB, CTNNA3
Chemotaxis_Inhibitory action of lipoxins on IL-8- and Leukotriene B4-induced neutrophil migration	0.024	0.001	TLN2, CXCR1, PIP5K1A, ACTB, ACTA1, MYLK
Chemotaxis_CCR1 signaling	0.024	0.001	PRKCD, GNA15, MMP9, ADCY4, ITPR3, CCL15, CCL7
Immune response_Platelet activating factor/PTAFR pathway signaling	0.027	0.001	IL1B, STAT2, PRKAR1B, MMP9, ADCY4, ACTB, ITPR3
Transcription_HIF-1 targets	0.042	0.003	TP53, LEP, MYC, EPO, WT1, MMP9, CX3CR1, PFKFB3, GPI
Development_TGF-beta-dependent induction of EMT via RhoA, PI3K and ILK	0.042	0.003	CDH1, CTNNB1, VIM, ACTA1, ROCK1, ACTB
Development_Gastrin in cell growth and proliferation	0.043	0.003	CDH1, CTNNB1, PRKCD, MYC, ITPR3, MAP2K4, GNA15
Development_Hedgehog signaling	0.044	0.003	KIF27, CTNNB1, CSNK1A1L, GLI3, SMO
Chemotaxis_CCL19- and CCL21-mediated chemotaxis	0.044	0.003	ROCK1, PRKAR1B, MMP9, ADCY4, ITPR3
Signal transduction_Activin A signaling regulation	0.044	0.003	FOXG1, MECOM, H2BC17, SMAD4, H3C12
Development_Negative regulation of WNT/Beta-catenin signaling in the cytoplasm	0.044	0.003	DAB2, CDH1, TP53, VHL, CTNNB1, WNT16, HUWE1, FZD10
Signal transduction_Adenosine A3 receptor signaling pathway	0.044	0.003	IL1B, PRKCD, ADCY4, ITPR3, PRKCI, GNA15
Cell adhesion_Integrin-mediated cell adhesion and migration	0.044	0.003	TLN2, MYLK, ROCK1, ACTB, COL4A1
Cell cycle_Chromosome condensation in prometaphase	0.045	0.004	NCAPH, SMC4, H3C12
Role of Tissue factor-induced Thrombin signaling in cancerogenesis	0.046	0.004	ANGPT1, ROCK1, ACTB, MYLK, ERBB2, ITPR3, GNA15
Development_TGF-beta-dependent induction of EMT via SMADs	0.047	0.004	CDH2, CDH1, VIM, SMAD4, TWIST1
Stem cells_Extraembryonic differentiation of embryonic stem cells	0.047	0.004	ID4, SOX1, MAP2, SMAD4, GCM1
Inhibition of RUNX3 signaling in gastric cancer	0.047	0.004	RUNX3, CASP8, MMP9, H3C12

**(C) Statistically significant GeneGo pathway maps in Cluster B2**

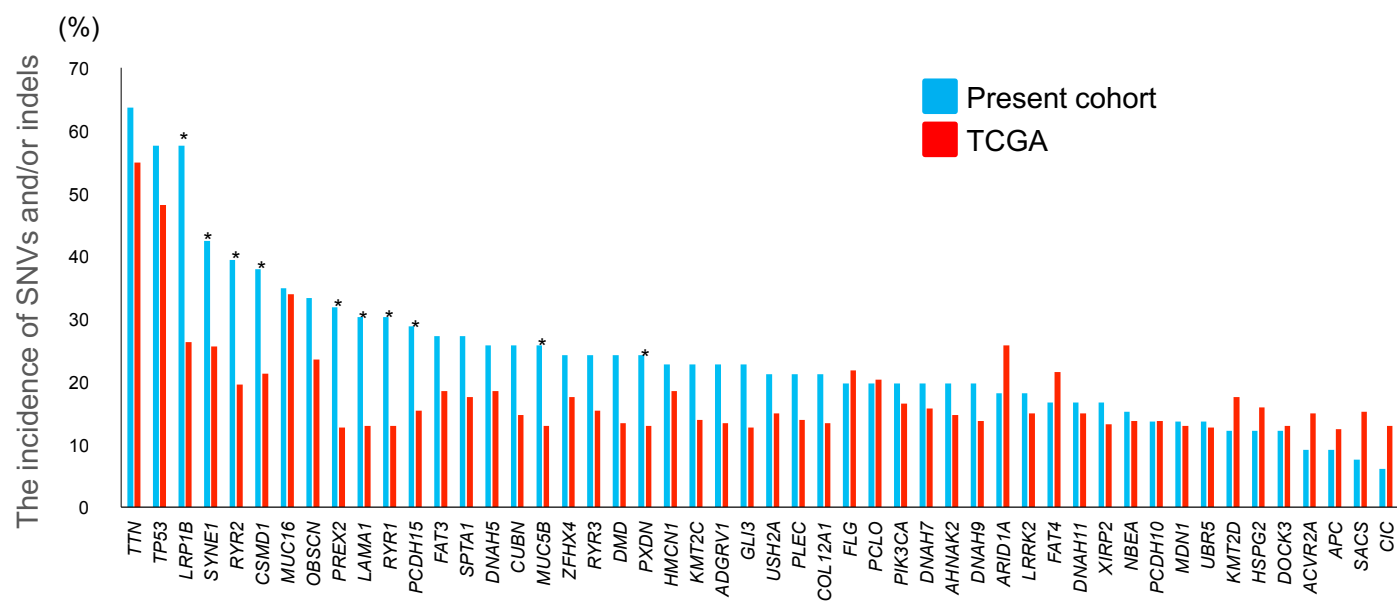
Enriched pathways	FDR	P	Genes showing DNA methylation alterations, SNVs, indels, and/or CNAs
Development_Thyroliberin signaling	0.018	< 0.001	TRHR, PRKCB, NOS1, PRKAR1B, ADCY4, PLCB1, TRH, GNA15
Gamma-secretase proteolytic targets	0.018	< 0.001	LRP1B, CDH2, ERBB4
Cytoskeleton remodeling_Thyroliberin in cytoskeleton remodeling	0.018	< 0.001	TRHR, PRKCB, PRKAR1B, ADCY4, PLCB1, TRH
Development_Regulation of epithelial-to-mesenchymal transition (EMT)	0.020	< 0.001	IL1B, CDH2, VIM, WNT2, FGF2, FZD10, TWIST1, TNF
Signal transduction_mTORC2 downstream signaling	0.023	0.001	TP53, PRKCB, PRKAR1B, IGF2, TLR4, PREX1
Signal transduction_Modulation of calcium and potassium channels by Adenosine A1 receptor	0.034	0.001	CACNA1B, CACNA1E, PRKCB, PRKAR1B, ADCY4, ABCC9
Stem cells_Schema: FGF signaling in embryonic stem cell self-renewal and differentiation	0.046	0.002	TBXT, NEFM, PTF1A, FGF2, SOX1, IGF2
Signal transduction_Adenosine A3 receptor signaling pathway	0.046	0.002	IL1B, ADCY4, PRKCB, GNA15, TNF, PLCB4

Genes included in Supplementary Tables S4, S8 and S10 and summarized in Supplementary Tables S11 were subjected to Metacore pathway analysis. For Clusters A, B1 and B2, such genes were significantly accumulated in 40, 116 and 55 pathways (FDR<0.05), respectively. After elimination of pathways which solely participate in organs or tissue other than the stomach or diseases other than cancer, 9, 43 and 9 pathways in Clusters A, B1 and B2 are listed above.

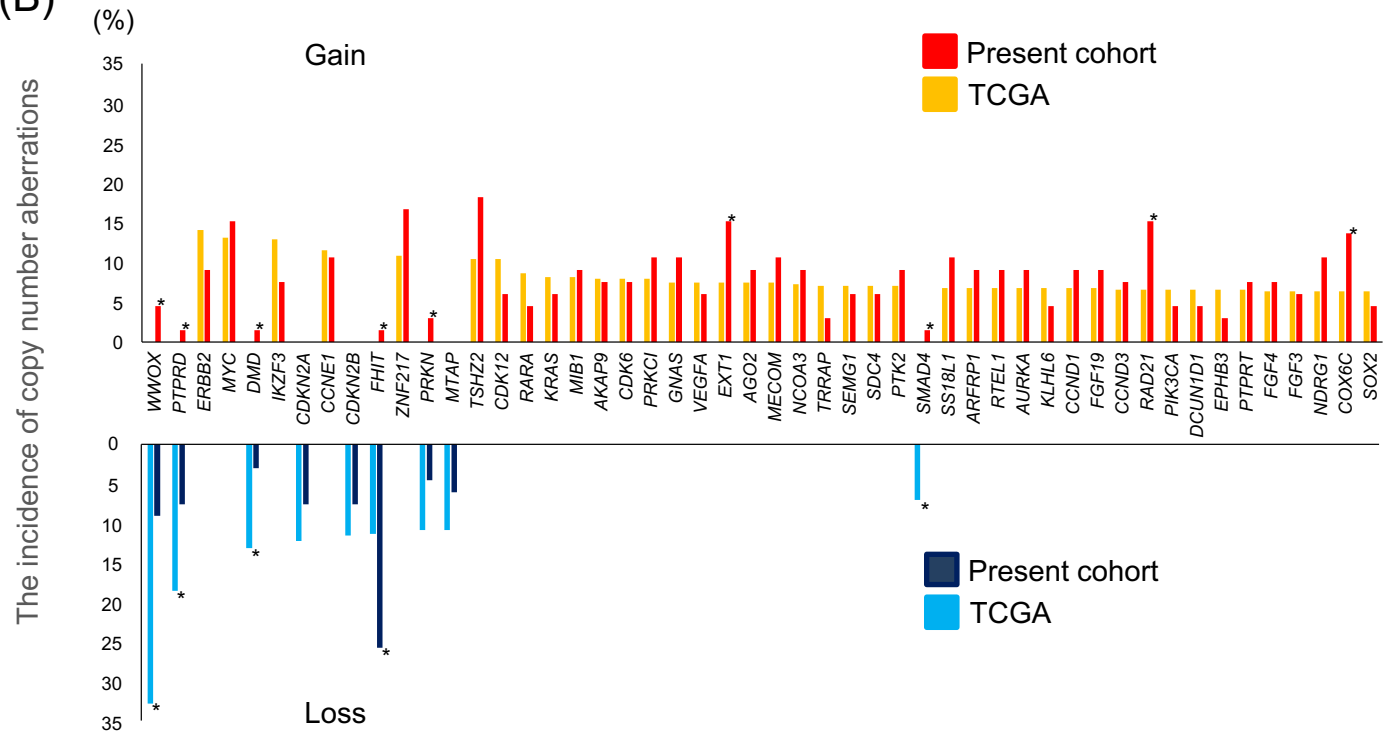


**Supplementary Figure 1** Scattergrams of DNA methylation levels of 12,556 probes not showing any correlation with carcinogenetic steps nor aging in all C (n=21), N (n=109) and T (n=105) samples. DNA methylation levels on such probes of C samples showed the excellent accordance with those of both N and T samples, indicating that differences of processing procedures of C samples did not affect the DNA methylation profiles.

(A)



(B)



**Supplementary Figure 2** The incidences of single-nucleotide variants (SNVs) and/or insertions/deletions (indels) **(A)** and copy number alterations (gains and/or losses) **(B)** of the top 50 genes most frequently showing such genetic aberrations in gastric carcinomas deposited in the Cancer Genome Atlas (TCGA) database (<http://cancergenome.nih.gov>). Such incidences in our cohort (n=66) were compared to those in the TCGA database. **(A)** Although the incidence of SNVs and/or indels of the *LRP1B*, *SYNE1*, *RYR2*, *CSMD1*, *PREX2*, *LAMA1*, *RYR1*, *PCDH15*, *MUC5B*, and *PXDN* genes (asterisks) differed significantly between our cohort and the TCGA database, significant differences were not observed for the remaining 40 genes, indicating the reliability of our exome analysis (Fisher exact test,  $P < 0.01$ ). **(B)** Although the incidence of copy number alterations (gains and/or losses) of the *WWOX*, *PTRRD*, *DMD*, *FHIT*, *PRKN*, *EXT1*, *SMAD4*, *RAD21* and *COX6C* genes (asterisks) differed between our cohort and the TCGA database, significant differences were not observed for the remaining 41 genes (Fisher exact test,  $P < 0.01$ ). These consistencies indicated the reliability of our exome analysis.