

**Comparison of  $\beta$ -Sheets of Capped Polyalanine with those of the Tau-Amyloid structure  
VQIVYK A Density Functional Theory (DFT) Study**

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Supplementary Information

Complete Gaussian 09 reference (ref. 17)

S2

Cartesian Coordinates for all structures

S3-S457

Completer reference for GAUSSIAN 09 (ref. 17)

Frisch, M. J.; Trucks, G. W.; Schlegel, H. B.; Scuseria, G. E.; Robb, M. A.; Cheeseman, J. R.; Scalmani, G.; Barone, V.; Mennucci, B.; Petersson, G. A.; Nakatsuji, H.; Caricato, M.; Li, X.; Hratchian, H. P.; Izmaylov, A. F.; Bloino, J.; Zheng, G.; Sonnenberg, J. L.; Hada, M.; Ehara, M.; Toyota, K.; Fukuda, R.; Hasegawa, J.; Ishida, M.; Nakajima, T.; Honda, Y.; Kitao, O.; Nakai, H.; Vreven, T.; J. A. Montgomery, J.; Peralta, J. E.; Ogliaro, F.; Bearpark, M.; Heyd, J. J.; Brothers, E.; Kudin, K. N.; Staroverov, V. N.; Kobayashi, R.; Normand, J.; Raghavachari, K.; Rendell, A.; Burant, J. C.; Iyengar, S. S.; Tomasi, J.; Cossi, M.; Rega, N.; Millam, J. M.; Klene, M.; Knox, J. E.; Cross, J. B.; Bakken, V.; Adamo, C.; Jaramillo, J.; Gomperts, R.; Stratmann, R. E.; Yazyev, O.; Austin, A. J.; Cammi, R.; Pomelli, C.; Ochterski, J. W.; Martin, R. L.; Morokuma, K.; Zakrzewski, V. G.; Voth, G. A.; Salvador, P.; Dannenberg, J. J.; Dapprich, S.; Daniels, A. D.; Farkas, O.; Foresman, J. B.; Ortiz, J. V.; Cioslowski, J.; Fox, D. J. Gaussian 09, Revision A.2.; Gaussian, Inc.: Wallingford CT,, 2009.

Cartesian Coordinates:  
(Ac-AAAAAA-NHMe)<sub>1</sub>

1	6	0	11.389514	-0.222521	-0.264498
2	8	0	11.557523	-1.306942	-0.826821
3	7	0	10.161656	0.227839	0.120962
4	1	0	10.030675	1.110427	0.604697
5	6	0	8.932825	-0.531823	-0.099643
6	1	0	8.884538	-0.826665	-1.158967
7	6	0	0.522989	0.373479	0.234669
8	8	0	0.725070	1.447396	0.811233
9	6	0	8.807325	-1.787658	0.730105
10	1	0	7.893791	-2.355148	0.428317
11	1	0	8.739515	-1.555316	1.820171
12	1	0	9.699459	-2.443023	0.561193
13	7	0	-0.700681	-0.056360	-0.145376
14	1	0	-0.845754	-0.942941	-0.624383
15	6	0	-1.935100	0.679289	0.136011
16	1	0	-1.961846	0.932156	1.206604
17	6	0	-3.093889	-0.301811	-0.187167
18	8	0	-2.880505	-1.374809	-0.760852
19	6	0	-2.095992	1.958944	-0.647358
20	1	0	-3.004207	2.508156	-0.298642
21	1	0	-2.196305	1.761661	-1.741963
22	1	0	-1.205321	2.618178	-0.485684
23	7	0	-4.320801	0.111371	0.201332
24	1	0	-4.474486	0.997365	0.678406
25	6	0	-5.545596	-0.645435	-0.066242
26	1	0	-5.576087	-0.905204	-1.135068
27	6	0	-6.717186	0.318581	0.259294
28	8	0	-6.519021	1.397924	0.826473
29	6	0	-5.680654	-1.922730	0.725769
30	1	0	-6.583537	-2.487466	0.388058
31	1	0	-5.774371	-1.720830	1.820104
32	1	0	-4.781695	-2.569596	0.559903
33	7	0	-7.940874	-0.115350	-0.118740
34	1	0	-8.085438	-1.003605	-0.594307
35	6	0	-9.171451	0.628841	0.152811
36	1	0	-9.186852	0.908498	1.217158
37	6	0	-10.336505	-0.353642	-0.140958
38	8	0	-10.136950	-1.421715	-0.721458
39	6	0	-9.334410	1.888978	-0.662262
40	1	0	-10.241498	2.446878	-0.325523

41	1	0	-9.438218	1.663799	-1.751254
42	1	0	-8.443416	2.552211	-0.520232
43	7	0	-11.557588	0.059386	0.292065
44	1	0	-11.621410	0.951480	0.765475
45	6	0	7.761428	0.432775	0.218225
46	8	0	7.948787	1.508942	0.795462
47	7	0	6.540707	-0.000685	-0.175375
48	1	0	6.406053	-0.885211	-0.659797
49	6	0	5.303739	0.733646	0.093361
50	1	0	5.270751	0.994597	1.161927
51	6	0	4.145466	-0.247267	-0.229695
52	8	0	4.355313	-1.317475	-0.809811
53	6	0	5.144636	2.008596	-0.698883
54	1	0	4.232378	2.557170	-0.360085
55	1	0	5.052962	1.804317	-1.792931
56	1	0	6.032649	2.670708	-0.534703
57	7	0	2.919589	0.164171	0.165865
58	1	0	2.767983	1.047076	0.649217
59	6	0	1.693161	-0.589071	-0.102522
60	1	0	1.658198	-0.841360	-1.173029
61	6	0	1.559756	-1.872116	0.680641
62	1	0	0.655577	-2.433885	0.341582
63	1	0	1.469362	-1.677869	1.776629
64	1	0	2.457995	-2.518060	0.507541
65	6	0	12.552401	0.716170	0.038813
66	1	0	13.265964	0.191176	0.681999
67	1	0	13.065087	0.949965	-0.899615
68	1	0	12.247515	1.648478	0.525045
69	6	0	-12.780351	-0.703020	0.069487
70	1	0	-13.486272	-0.141873	-0.554360
71	1	0	-12.508699	-1.627091	-0.443754
72	1	0	-13.263459	-0.951544	1.021606

P Pl (Ac-AAAAAA-NHMe)<sub>2</sub>

1	6	0	-10.725518	-2.435771	2.079073
2	6	0	-9.611019	-2.832880	1.123727
3	8	0	-8.871951	-3.803955	1.344744
4	1	0	-10.025787	-1.190901	-0.074020
5	7	0	-9.497230	-2.062128	0.006653
6	6	0	-8.464951	-2.364817	-1.002289
7	6	0	-7.123805	-1.714865	-0.571968
8	8	0	-6.770527	-0.600965	-0.989994
9	1	0	-11.471300	-3.238082	2.092519
10	1	0	-10.311757	-2.354213	3.088875
11	1	0	-11.208252	-1.496326	1.795263
12	1	0	-8.344156	-3.456022	-1.009077
13	1	0	-6.864050	-3.282146	0.700215
14	7	0	-6.415017	-2.451636	0.316924
15	6	0	-5.176806	-1.950622	0.937102
16	6	0	-3.960443	-2.735307	0.377516
17	8	0	-3.856173	-3.954111	0.520288
18	1	0	-5.098902	-0.891639	0.667455
19	1	0	-3.211424	-0.958852	-0.378058
20	7	0	-3.035159	-1.955038	-0.254128
21	6	0	-1.804591	-2.531939	-0.795929
22	6	0	-0.577250	-1.953267	-0.049277
23	8	0	-0.519512	-0.750847	0.248395
24	1	0	-1.880146	-3.612911	-0.622312
25	1	0	0.342055	-3.796865	-0.088244
26	7	0	0.416742	-2.831360	0.212858
27	6	0	1.692957	-2.435750	0.823146
28	6	0	2.838551	-3.080344	0.007200
29	8	0	2.706649	-4.186649	-0.522698
30	1	0	1.758692	-1.344121	0.776194
31	1	0	3.978866	-1.380022	0.299623
32	7	0	3.984189	-2.350609	-0.014352
33	6	0	5.199131	-2.846845	-0.664493
34	6	0	6.393509	-2.053210	-0.088865
35	8	0	6.219339	-0.943673	0.439569
36	1	0	5.305063	-3.910831	-0.411700
37	1	0	7.721939	-3.494253	-0.743302
38	7	0	7.604063	-2.633311	-0.215525
39	6	0	8.854071	-1.964212	0.169266
40	6	0	9.900580	-2.261163	-0.933408
41	8	0	9.824783	-3.291544	-1.609960

42	1	0	10.769681	-0.462774	-0.496636
43	7	0	10.870248	-1.321058	-1.038291
44	6	0	11.975577	-1.441872	-1.977689
45	1	0	8.661150	-0.888005	0.222457
46	1	0	12.934580	-1.314616	-1.461911
47	1	0	11.937628	-2.436098	-2.427212
48	1	0	11.902640	-0.691011	-2.774794
49	6	0	-11.978221	2.510958	0.794883
50	6	0	-10.839081	1.759785	0.121725
51	8	0	-10.866869	0.522870	0.018603
52	1	0	-9.787590	3.519564	-0.154225
53	7	0	-9.821725	2.523171	-0.344147
54	6	0	-8.600099	1.967373	-0.934778
55	6	0	-7.424406	2.861748	-0.470021
56	8	0	-7.615544	4.038906	-0.139915
57	1	0	-12.906177	2.292513	0.256876
58	1	0	-12.091484	2.132832	1.815883
59	1	0	-11.826201	3.594059	0.825454
60	1	0	-8.466495	0.947086	-0.563299
61	1	0	-6.131299	1.257278	-0.657331
62	7	0	-6.208241	2.265375	-0.491997
63	6	0	-5.001287	3.003526	-0.103937
64	6	0	-3.775091	2.139061	-0.469231
65	8	0	-3.849838	0.906496	-0.512723
66	1	0	-4.975939	3.944443	-0.672610
67	1	0	-2.612272	3.839168	-0.615954
68	7	0	-2.631880	2.829225	-0.703394
69	6	0	-1.343912	2.159178	-0.933997
70	6	0	-0.285087	2.805125	-0.010490
71	8	0	-0.209509	4.031035	0.116170
72	1	0	-1.481123	1.103151	-0.682127
73	1	0	0.322226	0.909508	0.520819
74	7	0	0.543843	1.906517	0.584039
75	6	0	1.684043	2.325664	1.410813
76	6	0	2.960446	1.731302	0.769392
77	8	0	3.122117	0.508825	0.692229
78	1	0	1.692805	3.422119	1.383310
79	1	0	3.642095	3.623819	0.339232
80	7	0	3.855645	2.635716	0.286594
81	6	0	5.067615	2.226396	-0.447030
82	6	0	6.320034	2.715203	0.318112
83	8	0	6.633875	3.915823	0.347148
84	1	0	5.041436	1.131746	-0.471107

85	1	0	6.747292	0.758435	0.837367
86	7	0	7.023898	1.739552	0.938842
87	6	0	8.259862	2.057099	1.681623
88	6	0	9.439836	2.125764	0.673601
89	8	0	10.182058	1.159091	0.445270
90	1	0	8.767511	3.967634	0.173324
91	7	0	9.549501	3.325726	0.051889
92	6	0	10.501620	3.563044	-1.024370
93	1	0	8.116319	3.049688	2.128316
94	1	0	10.741786	4.629566	-1.066777
95	1	0	11.414378	2.996989	-0.824985
96	1	0	10.105398	3.249525	-1.999558
97	6	0	-8.828017	-1.883360	-2.379899
98	1	0	-8.912258	-0.766989	-2.406331
99	1	0	-8.025199	-2.187777	-3.095345
100	1	0	-9.796818	-2.326541	-2.715450
101	6	0	-1.603627	-2.281522	-2.271407
102	1	0	-1.529053	-1.187607	-2.489600
103	1	0	-0.660771	-2.778273	-2.607424
104	1	0	-2.455792	-2.701352	-2.859874
105	6	0	-5.166615	-2.097116	2.437876
106	1	0	-5.222285	-3.173473	2.737328
107	1	0	-4.217073	-1.667704	2.841570
108	1	0	-6.026505	-1.552914	2.898347
109	6	0	1.842286	-2.865640	2.263169
110	1	0	1.810271	-3.977993	2.363625
111	1	0	2.822898	-2.499271	2.654825
112	1	0	1.025715	-2.430144	2.889412
113	6	0	5.208109	-2.732249	-2.171400
114	1	0	4.332601	-3.283617	-2.597857
115	1	0	5.151763	-1.667578	-2.503493
116	1	0	6.143286	-3.185464	-2.581700
117	6	0	9.411449	-2.414763	1.497614
118	1	0	8.654990	-2.282756	2.309869
119	1	0	9.714232	-3.489831	1.469876
120	1	0	10.308900	-1.795092	1.744807
121	6	0	8.574105	1.058404	2.759517
122	1	0	7.735490	0.986007	3.494102
123	1	0	8.763096	0.042295	2.328397
124	1	0	9.497988	1.383543	3.298200
125	6	0	5.130145	2.769572	-1.851737
126	1	0	4.232699	2.459629	-2.440211
127	1	0	5.191654	3.886232	-1.849550

128	1	0	6.042111	2.369431	-2.358893
129	6	0	1.613066	1.862878	2.843664
130	1	0	0.692039	2.254335	3.340152
131	1	0	1.605395	0.746176	2.904834
132	1	0	2.505908	2.241649	3.398630
133	6	0	-0.844605	2.263863	-2.355044
134	1	0	-1.577461	1.807298	-3.064226
135	1	0	-0.677234	3.328222	-2.651284
136	1	0	0.123768	1.712826	-2.442647
137	6	0	-4.918795	3.357882	1.363347
138	1	0	-4.883099	2.444309	2.004637
139	1	0	-3.999008	3.963036	1.552795
140	1	0	-5.811254	3.965930	1.657649
141	6	0	-8.597184	1.911151	-2.443457
142	1	0	-8.568796	2.932874	-2.893166
143	1	0	-7.695280	1.339268	-2.778047
144	1	0	-9.508908	1.385709	-2.820557



P Pl (Ac-AAAAAA-NHMe)<sub>3</sub>

1	6	0	-10.463680	-4.349967	3.375376
2	6	0	-9.515216	-4.927838	2.335428
3	8	0	-8.844387	-5.947114	2.556903
4	1	0	-9.902873	-3.337219	1.047742
5	7	0	-9.474188	-4.259136	1.151704
6	6	0	-8.573410	-4.705104	0.074577
7	6	0	-7.166874	-4.107793	0.326969
8	8	0	-6.817301	-3.022922	-0.165985
9	1	0	-11.247916	-5.086934	3.578897
10	1	0	-9.911100	-4.190769	4.306611
11	1	0	-10.923051	-3.410857	3.053137
12	1	0	-8.515524	-5.799170	0.139471
13	1	0	-6.824136	-5.653218	1.602056
14	7	0	-6.393134	-4.848199	1.153871
15	6	0	-5.060577	-4.407625	1.595142
16	6	0	-3.963291	-5.226422	0.859860
17	8	0	-3.975189	-6.457916	0.844407
18	1	0	-4.970378	-3.347426	1.333918
19	1	0	-3.098956	-3.443431	0.257725
20	7	0	-2.992146	-4.458075	0.287039
21	6	0	-1.860394	-5.063500	-0.416695
22	6	0	-0.554420	-4.392124	0.064524
23	8	0	-0.482287	-3.162499	0.202701
24	1	0	-1.872962	-6.128389	-0.152652
25	1	0	0.387617	-6.221390	0.100661
26	7	0	0.482563	-5.230844	0.293995
27	6	0	1.823726	-4.760113	0.663173
28	6	0	2.851235	-5.406832	-0.296426
29	8	0	2.702987	-6.557483	-0.716089
30	1	0	1.831842	-3.671266	0.552153
31	1	0	3.903101	-3.630816	-0.311724
32	7	0	3.923170	-4.617754	-0.571081
33	6	0	5.036617	-5.092585	-1.393724
34	6	0	6.312498	-4.339836	-0.954042
35	8	0	6.236297	-3.231726	-0.401150
36	1	0	5.150369	-6.167676	-1.200686
37	1	0	7.497081	-5.803511	-1.786442
38	7	0	7.482124	-4.957199	-1.224961
39	6	0	8.787375	-4.313828	-1.015250
40	6	0	9.590327	-4.422737	-2.334951
41	8	0	9.456020	-5.401782	-3.075229

42	1	0	10.371376	-2.579979	-1.924572
43	7	0	10.432083	-3.382338	-2.550702
44	6	0	11.305707	-3.316050	-3.712436
45	1	0	8.607207	-3.262187	-0.773041
46	1	0	12.339911	-3.118582	-3.406266
47	1	0	11.260938	-4.275810	-4.231131
48	1	0	10.987320	-2.525885	-4.404593
49	6	0	-11.811862	0.307597	0.800632
50	6	0	-10.549739	-0.401488	0.334526
51	8	0	-10.342792	-1.591720	0.620910
52	1	0	-9.953351	1.317886	-0.613742
53	7	0	-9.687948	0.357825	-0.388894
54	6	0	-8.421115	-0.171641	-0.913798
55	6	0	-7.223630	0.557925	-0.250835
56	8	0	-7.213076	1.796649	-0.146997
57	1	0	-12.675548	-0.298373	0.508844
58	1	0	-11.797350	0.353838	1.895279
59	1	0	-11.907522	1.316401	0.392159
60	1	0	-8.388566	-1.238098	-0.666481
61	1	0	-6.308984	-1.258249	0.087868
62	7	0	-6.208968	-0.239013	0.149548
63	6	0	-5.009040	0.318397	0.798210
64	6	0	-3.764113	-0.401133	0.235461
65	8	0	-3.653251	-1.630189	0.322484
66	1	0	-4.983026	1.384710	0.554504
67	1	0	-3.039937	1.401765	-0.433373
68	7	0	-2.827223	0.409879	-0.313887
69	6	0	-1.577486	-0.126766	-0.876345
70	6	0	-0.368057	0.452775	-0.102050
71	8	0	-0.213765	1.680855	0.002227
72	1	0	-1.618765	-1.214259	-0.752126
73	1	0	0.248077	-1.458062	0.346878
74	7	0	0.488881	-0.463445	0.399137
75	6	0	1.707145	-0.071027	1.128003
76	6	0	2.945145	-0.622243	0.377620
77	8	0	3.071560	-1.837165	0.171817
78	1	0	1.725597	1.023980	1.143023
79	1	0	3.654610	1.300706	0.140377
80	7	0	3.852978	0.309221	-0.001328
81	6	0	5.082495	-0.064904	-0.717531
82	6	0	6.312331	0.325414	0.134891
83	8	0	6.464261	1.492879	0.529553
84	1	0	5.047743	-1.150477	-0.853483

85	1	0	6.950873	-1.625034	0.090585
86	7	0	7.184956	-0.671482	0.384419
87	6	0	8.427190	-0.448256	1.142368
88	6	0	9.633583	-0.310025	0.174124
89	8	0	9.890979	-1.195500	-0.656730
90	1	0	10.093966	1.543488	0.969921
91	7	0	10.378071	0.802099	0.327437
92	6	0	11.560024	1.047163	-0.489278
93	1	0	8.294570	0.483152	1.705095
94	1	0	12.052484	1.947204	-0.114709
95	1	0	12.252364	0.200752	-0.429431
96	1	0	11.293573	1.192985	-1.543335
97	6	0	-12.040851	5.148707	-0.971949
98	6	0	-10.824276	4.260553	-1.187027
99	8	0	-10.878119	3.040997	-0.965494
100	1	0	-9.680681	5.892783	-1.741871
101	7	0	-9.704817	4.885806	-1.627040
102	6	0	-8.424555	4.193849	-1.811502
103	6	0	-7.308319	5.141499	-1.316164
104	8	0	-7.396648	6.365224	-1.464819
105	1	0	-12.855668	4.784971	-1.606024
106	1	0	-12.363632	5.051992	0.069490
107	1	0	-11.854023	6.203490	-1.195301
108	1	0	-8.439540	3.281947	-1.206038
109	1	0	-6.326731	3.510223	-0.533469
110	7	0	-6.243667	4.502485	-0.767109
111	6	0	-5.058578	5.233500	-0.316127
112	6	0	-3.805522	4.386768	-0.637146
113	8	0	-3.843898	3.149581	-0.605972
114	1	0	-5.038769	6.177400	-0.875820
115	1	0	-2.690024	6.106092	-0.872012
116	7	0	-2.685043	5.092768	-0.916811
117	6	0	-1.375657	4.455471	-1.110710
118	6	0	-0.337058	5.222635	-0.260122
119	8	0	-0.396717	6.448998	-0.130262
120	1	0	-1.455096	3.419932	-0.766408
121	1	0	0.526025	3.413625	0.219996
122	7	0	0.632387	4.429865	0.268290
123	6	0	1.745324	4.987582	1.041036
124	6	0	3.054924	4.340664	0.535840
125	8	0	3.139550	3.119365	0.370181
126	1	0	1.737615	6.068493	0.853455
127	1	0	3.940645	6.193399	0.460287

128	7	0	4.081203	5.201955	0.311117
129	6	0	5.414197	4.759827	-0.139497
130	6	0	6.446345	5.092347	0.964785
131	8	0	6.736539	6.265926	1.245733
132	1	0	5.342865	3.675727	-0.280696
133	1	0	6.767337	3.070332	1.240421
134	7	0	6.972124	4.012612	1.585999
135	6	0	7.993502	4.168237	2.637284
136	6	0	9.380834	4.279483	1.954542
137	8	0	10.113788	3.297213	1.763163
138	1	0	8.933690	6.221109	1.600188
139	7	0	9.689014	5.539985	1.559830
140	6	0	10.879357	5.850100	0.780204
141	1	0	7.772487	5.108397	3.158698
142	1	0	11.234339	6.853446	1.035402
143	1	0	11.655878	5.121204	1.021171
144	1	0	10.683256	5.807208	-0.299518
145	6	0	-9.049976	-4.297940	-1.292767
146	1	0	-9.172950	-3.187396	-1.361056
147	1	0	-8.295750	-4.615480	-2.053474
148	1	0	-10.028746	-4.781143	-1.529782
149	6	0	-4.845348	-4.582785	3.077793
150	1	0	-4.911747	-5.659853	3.371412
151	1	0	-3.828584	-4.204780	3.346869
152	1	0	-5.604029	-4.006920	3.661492
153	6	0	-1.914527	-4.940652	-1.921790
154	1	0	-1.912840	-3.869582	-2.240408
155	1	0	-1.024634	-5.447955	-2.368099
156	1	0	-2.838310	-5.427146	-2.319931
157	6	0	2.222989	-5.105321	2.078103
158	1	0	2.243708	-6.210649	2.239873
159	1	0	3.243052	-4.695344	2.279829
160	1	0	1.508766	-4.653003	2.808774
161	6	0	4.853195	-4.908098	-2.882867
162	1	0	4.760784	-3.828606	-3.154137
163	1	0	5.726977	-5.340064	-3.429134
164	1	0	3.928656	-5.438190	-3.222224
165	6	0	9.601194	-4.929292	0.096337
166	1	0	9.858883	-5.993429	-0.126027
167	1	0	10.548883	-4.348312	0.215636
168	1	0	9.040939	-4.894996	1.062730
169	6	0	-8.276164	-0.008288	-2.408207
170	1	0	-8.278004	1.072693	-2.699028

171	1	0	-7.309304	-0.464245	-2.734481
172	1	0	-9.109731	-0.523073	-2.944859
173	6	0	-1.383712	0.208761	-2.335453
174	1	0	-1.320284	1.315515	-2.488577
175	1	0	-0.433435	-0.254829	-2.696955
176	1	0	-2.228754	-0.188416	-2.948641
177	6	0	-4.992215	0.153596	2.299719
178	1	0	-4.996025	-0.927472	2.585024
179	1	0	-4.067252	0.626090	2.711534
180	1	0	-5.880824	0.649117	2.760720
181	6	0	1.756029	-0.596239	2.541672
182	1	0	1.751335	-1.714925	2.553902
183	1	0	2.693240	-0.239935	3.034839
184	1	0	0.881170	-0.229611	3.131521
185	6	0	5.224551	0.606693	-2.061629
186	1	0	4.364941	0.347140	-2.726123
187	1	0	5.267647	1.718824	-1.952176
188	1	0	6.168556	0.260319	-2.549159
189	6	0	8.735525	-1.571750	2.100224
190	1	0	7.898146	-1.720704	2.824576
191	1	0	8.905742	-2.532534	1.550204
192	1	0	9.662497	-1.323403	2.672863
193	6	0	8.007203	3.034455	3.624075
194	1	0	7.014475	2.928811	4.125287
195	1	0	8.261066	2.067557	3.122625
196	1	0	8.784215	3.237519	4.401457
197	6	0	5.859861	5.415386	-1.421147
198	1	0	5.125639	5.227572	-2.241866
199	1	0	5.977929	6.519584	-1.289711
200	1	0	6.847652	4.989634	-1.724830
201	6	0	1.657613	4.756254	2.530857
202	1	0	0.727412	5.216737	2.944530
203	1	0	1.650701	3.664617	2.770667
204	1	0	2.539619	5.225387	3.031370
205	6	0	-0.900088	4.447638	-2.543651
206	1	0	-1.624575	3.898601	-3.193752
207	1	0	-0.779304	5.484351	-2.941857
208	1	0	0.086994	3.925599	-2.596186
209	6	0	-5.038021	5.561157	1.159307
210	1	0	-5.055188	4.634404	1.783075
211	1	0	-4.112089	6.137881	1.401370
212	1	0	-5.924754	6.185570	1.429837
213	6	0	-8.121906	3.815113	-3.242227

214	1	0	-8.037888	4.716948	-3.896068
215	1	0	-7.153676	3.257339	-3.274414
216	1	0	-8.925129	3.154059	-3.650850

P PI (Ac-AAAAAA-NHMe)<sub>4</sub>

1	6	0	11.584388	-1.999011	-1.758242
2	6	0	10.426485	-2.752016	-1.120297
3	1	0	12.515265	-2.516603	-1.504922
4	1	0	11.468477	-2.044262	-2.846797
5	1	0	11.636608	-0.955603	-1.437698
6	8	0	10.271384	-3.969178	-1.315777
7	7	0	9.600228	-1.999194	-0.353394
8	1	0	9.806214	-1.005206	-0.230167
9	6	0	8.416922	-2.553204	0.320901
10	6	0	7.154222	-1.844499	-0.228965
11	6	0	8.432929	-2.365891	1.818902
12	1	0	8.380740	-3.623387	0.091782
13	8	0	7.093785	-0.603710	-0.252708
14	7	0	6.164186	-2.659186	-0.649995
15	1	0	9.325840	-2.863233	2.269493
16	1	0	8.453957	-1.280835	2.088925
17	1	0	7.512246	-2.824961	2.255355
18	1	0	6.293549	-3.675971	-0.605469
19	6	0	4.918638	-2.131755	-1.234034
20	6	0	3.724862	-2.845983	-0.562794
21	6	0	4.806812	-2.352166	-2.724042
22	1	0	4.894156	-1.057787	-1.024392
23	8	0	3.626271	-4.079447	-0.604271
24	7	0	2.824728	-2.031302	0.036101
25	1	0	4.804317	-3.443238	-2.969422
26	1	0	3.851328	-1.903716	-3.090673
27	1	0	5.657355	-1.866422	-3.260791
28	1	0	3.001704	-1.025112	0.067176
29	6	0	1.635107	-2.570213	0.712077
30	6	0	0.368815	-1.943878	0.084374
31	6	0	1.599219	-2.288964	2.194907
32	1	0	1.645374	-3.652653	0.547063
33	8	0	0.231226	-0.710805	0.038826
34	7	0	-0.544165	-2.831654	-0.366379
35	1	0	2.495101	-2.723662	2.701120
36	1	0	1.574078	-1.189301	2.394993
37	1	0	0.682259	-2.751709	2.634966
38	1	0	-0.311070	-3.828766	-0.362306
39	6	0	-1.829850	-2.413846	-0.950352
40	6	0	-2.983358	-2.943040	-0.059590
41	6	0	-2.051086	-2.943810	-2.345976

42	1	0	-1.834247	-1.318664	-0.967128
43	8	0	-3.071287	-4.150565	0.206277
44	7	0	-3.862971	-2.006615	0.365565
45	1	0	-1.243078	-2.597010	-3.034819
46	1	0	-2.069458	-4.062911	-2.352335
47	1	0	-3.031731	-2.570386	-2.729933
48	1	0	-3.681471	-1.019985	0.167043
49	6	0	-4.994021	-2.357261	1.238505
50	6	0	-6.313583	-1.876094	0.592909
51	6	0	-4.911552	-1.740848	2.614629
52	1	0	-4.992248	-3.447948	1.329445
53	8	0	-6.469967	-0.684184	0.280921
54	7	0	-7.256089	-2.829026	0.434687
55	1	0	-3.977604	-2.062434	3.136202
56	1	0	-4.921583	-0.624359	2.555640
57	1	0	-5.789817	-2.072786	3.220580
58	1	0	-7.016931	-3.802650	0.644502
59	6	0	-8.595890	-2.525437	-0.097846
60	6	0	-9.626574	-2.485394	1.062590
61	6	0	-9.070964	-3.542680	-1.104500
62	1	0	-8.535981	-1.539415	-0.573483
63	8	0	-9.811869	-3.473742	1.791598
64	7	0	-10.296007	-1.325731	1.200857
65	1	0	-10.067907	-3.229708	-1.500667
66	1	0	-8.356727	-3.622804	-1.959656
67	1	0	-9.178803	-4.553336	-0.633668
68	1	0	-10.083034	-0.533549	0.592082
69	6	0	-11.304938	-1.150467	2.236510
70	1	0	-11.767701	-0.169170	2.106752
71	1	0	-12.075656	-1.925918	2.164828
72	1	0	-10.860929	-1.208217	3.237691
73	1	0	-6.978683	0.872320	-0.460023
74	7	0	-7.119312	1.801617	-0.869399
75	6	0	-6.258651	2.793432	-0.567238
76	6	0	-8.205930	1.985695	-1.844975
77	6	0	-5.163626	2.439427	0.467246
78	8	0	-6.310312	3.933270	-1.057628
79	6	0	-9.574746	1.952088	-1.121905
80	1	0	-8.049090	2.966852	-2.306354
81	7	0	-3.853812	2.812483	-0.090307
82	6	0	-5.492478	3.152289	1.755284
83	1	0	-5.146073	1.358276	0.641715
84	8	0	-9.903241	0.981006	-0.422362



85	7	0	-10.367988	3.021104	-1.332129
86	6	0	-2.935566	1.884137	-0.441414
87	1	0	-3.650235	3.802519	-0.234456
88	1	0	-4.727929	2.927052	2.538055
89	1	0	-5.531828	4.259594	1.604158
90	1	0	-6.489994	2.806633	2.122026
91	1	0	-10.024164	3.827850	-1.856294
92	6	0	-11.696411	3.119499	-0.741798
93	6	0	-1.649642	2.441203	-1.094716
94	8	0	-3.083316	0.664771	-0.280241
95	1	0	-12.266184	3.875394	-1.287928
96	1	0	-12.208469	2.155434	-0.810292
97	1	0	-11.647463	3.406280	0.316762
98	7	0	-0.487597	2.009829	-0.301092
99	6	0	-1.616829	1.959883	-2.525008
100	1	0	-1.655473	3.535905	-1.079012
101	6	0	0.386653	2.899197	0.215138
102	1	0	-0.308828	1.004780	-0.203154
103	1	0	-0.702225	2.332154	-3.047080
104	1	0	-1.624920	0.842471	-2.571686
105	1	0	-2.516599	2.344848	-3.064140
106	6	0	1.545252	2.288232	1.041801
107	8	0	0.289362	4.130450	0.080345
108	7	0	2.826917	2.791563	0.521008
109	6	0	1.305983	2.639690	2.490244
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111	1	0	3.038419	3.785886	0.625746
112	6	0	3.775770	1.965387	0.020602
113	1	0	2.115935	2.224022	3.137512
114	1	0	0.330180	2.204891	2.818039
115	1	0	1.267951	3.748798	2.633922
116	6	0	5.029205	2.677178	-0.543413
117	8	0	3.667333	0.732314	-0.033115
118	7	0	6.236692	2.085262	0.052698
119	6	0	4.975498	2.562710	-2.048343
120	1	0	5.024125	3.735020	-0.262052
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122	1	0	6.418900	1.086466	-0.091264
123	1	0	4.969872	1.491797	-2.369688
124	1	0	4.043064	3.051697	-2.422370
125	1	0	5.855089	3.069747	-2.514222
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127	8	0	7.104465	4.083053	0.764083

128	7	0	9.635921	2.667374	0.881440
129	6	0	8.135682	2.048507	2.775911
130	1	0	8.361178	1.034442	0.906422
131	1	0	9.851367	3.618656	1.183208
132	6	0	10.606004	1.950651	0.255657
133	1	0	8.950093	1.482959	3.290260
134	1	0	7.161417	1.548566	2.998638
135	1	0	8.105543	3.088126	3.189516
136	6	0	11.876983	2.718477	-0.073182
137	8	0	10.484769	0.755673	-0.058063
138	1	0	12.733586	2.134852	0.278257
139	1	0	11.958045	2.798540	-1.163045
140	1	0	11.896097	3.716267	0.371015
141	1	0	-6.547251	5.497873	-1.807079
142	7	0	-6.743383	6.433804	-2.174461
143	6	0	-6.314901	7.528250	-1.505102
144	6	0	-7.690216	6.555639	-3.297818
145	6	0	-5.380529	7.225188	-0.308745
146	8	0	-6.621089	8.692184	-1.807829
147	6	0	-9.126648	6.593328	-2.715101
148	6	0	-7.577536	5.435712	-4.293832
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150	7	0	-4.012883	7.665030	-0.643912
151	6	0	-5.943105	7.901174	0.915318
152	1	0	-5.316988	6.144523	-0.140299
153	8	0	-9.827457	5.577448	-2.593010
154	7	0	-9.515172	7.831690	-2.320827
155	1	0	-8.314836	5.604584	-5.116716
156	1	0	-6.550853	5.393766	-4.732105
157	1	0	-7.805429	4.449152	-3.818981
158	6	0	-2.957896	6.810389	-0.701145
159	1	0	-3.861499	8.653453	-0.802828
160	1	0	-5.285126	7.733048	1.802270
161	1	0	-6.054345	9.001968	0.752832
162	1	0	-6.952359	7.475111	1.136762
163	1	0	-8.790826	8.546642	-2.304346
164	6	0	-10.767804	8.078862	-1.620588
165	6	0	-1.604933	7.451757	-1.087263
166	8	0	-3.050905	5.597341	-0.486353
167	1	0	-11.162354	9.059151	-1.905900
168	1	0	-11.484835	7.305606	-1.903613
169	1	0	-10.637648	8.052518	-0.530494
170	7	0	-0.562141	6.882923	-0.230832

171	6	0	-1.394322	7.235504	-2.567297
172	1	0	-1.608881	8.531134	-0.889746
173	6	0	0.366436	7.666890	0.379876
174	1	0	-0.462649	5.866196	-0.182717
175	1	0	-0.432049	7.698047	-2.896962
176	1	0	-2.230646	7.712090	-3.134718
177	1	0	-1.368467	6.146682	-2.817894
178	6	0	1.325565	6.887925	1.309929
179	8	0	0.442636	8.893307	0.262725
180	7	0	2.661068	7.492276	1.211684
181	6	0	0.745751	6.906792	2.703956
182	1	0	1.410853	5.847794	0.981107
183	6	0	3.776436	6.762762	0.971891
184	1	0	2.702241	8.505375	1.211929
185	1	0	1.403181	6.342168	3.409527
186	1	0	-0.258256	6.415674	2.687102
187	1	0	0.627427	7.950290	3.085040
188	6	0	5.073664	7.580207	0.777131
189	8	0	3.781956	5.528011	0.885705
190	7	0	6.195019	6.806805	1.312759
191	6	0	5.189495	7.933724	-0.687707
192	1	0	5.032996	8.513631	1.352867
193	1	0	6.275298	5.818244	1.063151
194	6	0	7.202677	7.397926	2.003991
195	1	0	5.237853	7.017539	-1.325353
196	1	0	4.301530	8.537636	-0.996662
197	1	0	6.110830	8.539732	-0.869345
198	6	0	8.254759	6.407672	2.554825
199	8	0	7.289428	8.610741	2.225883
200	7	0	9.553039	7.090507	2.542666
201	6	0	7.805652	5.946180	3.920708
202	1	0	8.325801	5.532485	1.901925
203	6	0	10.689205	6.502747	2.092093
204	1	0	9.527668	8.084944	2.737993
205	1	0	8.553668	5.242714	4.361894
206	1	0	6.831567	5.407065	3.819126
207	1	0	7.669700	6.805660	4.620978
208	6	0	11.922704	7.392243	2.043451
209	8	0	10.745151	5.315320	1.737926
210	1	0	12.702481	6.943051	2.666628
211	1	0	12.294836	7.416723	1.014297
212	1	0	11.734508	8.415127	2.383453
213	8	0	6.819709	-5.420434	-0.344126

214	6	0	7.123200	-6.520016	-0.834267
215	6	0	8.535330	-7.126614	-0.648512
216	7	0	6.290966	-7.262188	-1.601263
217	7	0	9.391239	-6.654223	-1.750220
218	1	0	8.476895	-8.218957	-0.735013
219	6	0	9.062786	-6.746506	0.708161
220	1	0	6.680598	-8.080427	-2.061418
221	6	0	4.945605	-6.801767	-1.979132
222	6	0	9.384677	-7.300056	-2.948096
223	1	0	9.808091	-5.725466	-1.653737
224	1	0	9.162171	-5.635569	0.802673
225	1	0	8.350528	-7.103565	1.491444
226	1	0	10.061890	-7.212084	0.888740
227	6	0	3.870072	-7.647432	-1.243655
228	6	0	4.678568	-6.909862	-3.460023
229	1	0	4.868981	-5.754082	-1.668892
230	6	0	10.279007	-6.689682	-4.017399
231	8	0	8.717252	-8.323372	-3.158367
232	8	0	3.894858	-8.879011	-1.254748
233	7	0	2.896792	-6.902700	-0.643425
234	1	0	4.739865	-7.971374	-3.806170
235	1	0	3.651230	-6.525913	-3.675207
236	1	0	5.413418	-6.302199	-4.042016
237	1	0	11.068378	-7.408293	-4.262781
238	1	0	9.685973	-6.529147	-4.923165
239	1	0	10.732575	-5.746282	-3.699583
240	1	0	3.003428	-5.889540	-0.574795
241	6	0	1.786175	-7.539162	0.066279
242	6	0	0.477726	-6.788659	-0.269005
243	1	0	1.743879	-8.574552	-0.294829
244	6	0	1.928814	-7.568160	1.570989
245	8	0	0.453022	-5.552938	-0.361229
246	7	0	-0.618467	-7.568702	-0.418541
247	1	0	1.984066	-6.535284	1.993358
248	1	0	1.048621	-8.091065	2.018478
249	1	0	2.855917	-8.119788	1.862634
250	1	0	-0.557678	-8.570885	-0.276557
251	6	0	-1.963655	-7.018073	-0.627669
252	6	0	-2.933963	-7.717090	0.353597
253	1	0	-1.919064	-5.945694	-0.414433
254	6	0	-2.492820	-7.206872	-2.029479
255	8	0	-2.794469	-8.905115	0.657269
256	7	0	-3.948960	-6.923143	0.785779

257	1	0	-2.571309	-8.288846	-2.296308
258	1	0	-3.508543	-6.745836	-2.101110
259	1	0	-1.823907	-6.705317	-2.771037
260	1	0	-3.905724	-5.916664	0.618454
261	6	0	-5.001335	-7.433335	1.665101
262	6	0	-6.294076	-6.630692	1.393462
263	1	0	-5.154863	-8.489991	1.409002
264	6	0	-4.689302	-7.356592	3.142476
265	8	0	-6.247354	-5.475361	0.943986
266	7	0	-7.446367	-7.266236	1.697516
267	1	0	-3.753893	-7.927231	3.366127
268	1	0	-4.547008	-6.300382	3.476745
269	1	0	-5.525767	-7.807647	3.730155
270	1	0	-7.428013	-8.165832	2.168949
271	6	0	-8.756007	-6.600692	1.664462
272	6	0	-9.457697	-6.873023	3.018135
273	1	0	-8.585505	-5.527104	1.539218
274	6	0	-9.658022	-7.075867	0.551822
275	8	0	-9.280623	-7.939371	3.615436
276	7	0	-10.265759	-5.865704	3.429761
277	1	0	-9.168758	-6.933190	-0.442760
278	1	0	-9.915569	-8.156828	0.667651
279	1	0	-10.602395	-6.477864	0.571372
280	1	0	-10.236813	-4.988813	2.910335
281	6	0	-11.043030	-5.943977	4.657119
282	1	0	-12.097290	-5.713696	4.461989
283	1	0	-10.963550	-6.959771	5.049734
284	1	0	-10.664531	-5.243247	5.412487
285	6	0	-8.223982	0.925953	-2.918717
286	1	0	-7.261559	0.916810	-3.485733
287	1	0	-8.386222	-0.088771	-2.476848
288	1	0	-9.056794	1.138859	-3.632761

P Pl (Ac-AAAAAA-NHMe)<sub>5</sub>

1	6	0	7.538333	-9.749762	-2.501972
2	6	0	6.198881	-9.757476	-1.781167
3	1	0	8.084344	-10.658156	-2.227165
4	1	0	7.350368	-9.792875	-3.580483
5	1	0	8.138664	-8.867104	-2.267994
6	8	0	5.424279	-10.723932	-1.884160
7	7	0	5.929126	-8.649245	-1.049059
8	1	0	6.629243	-7.904630	-1.001299
9	6	0	4.673574	-8.478714	-0.304844
10	6	0	3.905548	-7.258493	-0.872701
11	6	0	4.876938	-8.238802	1.172507
12	1	0	4.084810	-9.391896	-0.442060
13	8	0	4.493199	-6.180154	-1.060675
14	7	0	2.590176	-7.452796	-1.106017
15	1	0	5.420030	-9.095555	1.640189
16	1	0	5.463692	-7.303180	1.353557
17	1	0	3.880258	-8.136931	1.667655
18	1	0	2.185976	-8.386613	-0.974365
19	6	0	1.736695	-6.384470	-1.657353
20	6	0	0.398020	-6.387811	-0.886679
21	6	0	1.423203	-6.550508	-3.125349
22	1	0	2.268507	-5.439822	-1.505571
23	8	0	-0.332093	-7.388266	-0.898162
24	7	0	0.101464	-5.238294	-0.236232
25	1	0	0.855587	-7.496244	-3.309939
26	1	0	0.798406	-5.689610	-3.467212
27	1	0	2.362145	-6.571703	-3.729886
28	1	0	0.783003	-4.475753	-0.229165
29	6	0	-1.139673	-5.096088	0.539887
30	6	0	-1.939256	-3.887198	0.001193
31	6	0	-0.910375	-4.871350	2.015172
32	1	0	-1.706491	-6.021714	0.396472
33	8	0	-1.414584	-2.764641	-0.067057
34	7	0	-3.218420	-4.153262	-0.344897
35	1	0	-0.337121	-5.720862	2.459593
36	1	0	-0.342739	-3.924813	2.193981
37	1	0	-1.897329	-4.797909	2.533910
38	1	0	-3.538771	-5.125623	-0.345628
39	6	0	-4.131711	-3.109849	-0.841835
40	6	0	-5.335552	-2.983787	0.126984
41	6	0	-4.683984	-3.405328	-2.215231

42	1	0	-3.564311	-2.173239	-0.867122
43	8	0	-6.024887	-3.975825	0.406606
44	7	0	-5.574515	-1.737757	0.597294
45	1	0	-3.858674	-3.512745	-2.960168
46	1	0	-5.286480	-4.348804	-2.211332
47	1	0	-5.345291	-2.563209	-2.534696
48	1	0	-4.908664	-0.987715	0.394622
49	6	0	-6.670431	-1.474415	1.542633
50	6	0	-7.569477	-0.339635	0.998450
51	6	0	-6.199542	-1.056964	2.915738
52	1	0	-7.242976	-2.403731	1.624421
53	8	0	-7.089923	0.763441	0.691249
54	7	0	-8.884995	-0.639816	0.929568
55	1	0	-5.553276	-1.847465	3.368699
56	1	0	-5.617280	-0.103626	2.867793
57	1	0	-7.085910	-0.899687	3.577749
58	1	0	-9.183812	-1.601650	1.114100
59	6	0	-9.895580	0.348089	0.512492
60	6	0	-10.719067	0.802591	1.746966
61	6	0	-10.858391	-0.190228	-0.515656
62	1	0	-9.350442	1.201926	0.093525
63	8	0	-11.392972	-0.009063	2.403309
64	7	0	-10.651880	2.114797	2.037848
65	1	0	-11.564096	0.621473	-0.818694
66	1	0	-10.314886	-0.547614	-1.423732
67	1	0	-11.456115	-1.041004	-0.098990
68	1	0	-10.065356	2.738274	1.479791
69	6	0	-11.379843	2.679810	3.165547
70	1	0	-11.212484	3.759462	3.178794
71	1	0	-12.454241	2.482208	3.077334
72	1	0	-11.035666	2.251011	4.114321
73	8	0	-9.150679	4.045767	0.610210
74	6	0	-8.398173	4.805959	-0.020111
75	7	0	-8.467369	6.148887	0.051557
76	6	0	-7.308614	4.245480	-0.966710
77	1	0	-7.789603	6.722208	-0.454242
78	6	0	-9.450190	6.819983	0.890739
79	6	0	-7.998629	3.534044	-2.103741
80	1	0	-6.700253	5.065861	-1.363676
81	7	0	-6.402124	3.371759	-0.203728
82	1	0	-9.501122	7.871629	0.597394
83	1	0	-10.434803	6.359276	0.764145
84	1	0	-9.180768	6.760123	1.953153

85	1	0	-8.652152	4.258464	-2.648505
86	1	0	-7.253266	3.115311	-2.822651
87	1	0	-8.636450	2.697209	-1.723995
88	1	0	-6.746377	2.458225	0.106582
89	6	0	-5.130664	3.725715	0.072394
90	8	0	-4.609096	4.794517	-0.287011
91	6	0	-4.323602	2.699063	0.901106
92	6	0	-4.084731	3.293503	2.267596
93	1	0	-4.890024	1.767229	1.002958
94	7	0	-3.085135	2.375852	0.176034
95	1	0	-3.502535	2.588372	2.909163
96	1	0	-3.522017	4.256924	2.194116
97	1	0	-5.068549	3.492376	2.758921
98	1	0	-2.404907	3.121307	0.011735
99	6	0	-2.803392	1.121783	-0.241503
100	8	0	-3.539238	0.142016	-0.055364
101	6	0	-1.467207	0.966713	-1.006505
102	1	0	-0.904475	1.905486	-0.983713
103	7	0	-0.647197	-0.045737	-0.321720
104	1	0	-1.009390	-1.002401	-0.257388
105	6	0	0.578468	0.234207	0.168076
106	8	0	1.124510	1.347649	0.100590
107	6	0	1.301920	-0.948182	0.854285
108	6	0	1.406475	-0.637439	2.327403
109	1	0	0.733847	-1.874154	0.716747
110	7	0	2.604166	-1.136771	0.195497
111	1	0	1.930731	-1.461694	2.869125
112	1	0	0.379387	-0.527762	2.753655
113	1	0	1.966501	0.315191	2.498014
114	1	0	3.274634	-0.364548	0.210849
115	6	0	2.960483	-2.308995	-0.375995
116	8	0	2.252560	-3.326808	-0.382095
117	6	0	4.339656	-2.297548	-1.081274
118	6	0	4.087957	-2.303871	-2.570134
119	1	0	4.892955	-1.391962	-0.811509
120	7	0	5.132870	-3.444316	-0.616946
121	1	0	3.513630	-3.212773	-2.877107
122	1	0	3.495794	-1.397592	-2.846779
123	1	0	5.052229	-2.285110	-3.133720
124	6	0	6.323745	-3.295072	0.002825
125	1	0	4.791314	-4.389399	-0.818188
126	6	0	6.990905	-4.615658	0.451681
127	8	0	6.862447	-2.200138	0.234612



128	7	0	8.360831	-4.667029	-0.076209
129	6	0	6.905134	-4.686312	1.957995
130	1	0	6.454110	-5.468170	0.023423
131	1	0	8.998825	-3.896314	0.133425
132	6	0	8.830367	-5.750946	-0.743923
133	1	0	7.361157	-5.634315	2.333958
134	1	0	7.431204	-3.822262	2.433088
135	1	0	5.831076	-4.663585	2.265833
136	8	0	8.152465	-6.767124	-0.973648
137	6	0	10.267458	-5.646814	-1.230750
138	1	0	10.815263	-6.528920	-0.883951
139	1	0	10.262858	-5.672000	-2.326084
140	1	0	10.763559	-4.737148	-0.884248
141	1	0	-4.189154	6.375684	-1.016486
142	7	0	-3.802966	7.241721	-1.406881
143	6	0	-2.596605	7.674716	-0.990970
144	6	0	-4.540499	7.916160	-2.488097
145	6	0	-1.936818	6.847275	0.137351
146	8	0	-2.016826	8.671003	-1.453307
147	6	0	-5.819608	8.575433	-1.917080
148	6	0	-4.956065	6.979929	-3.595700
149	1	0	-3.870140	8.682301	-2.892510
150	7	0	-0.577993	6.481220	-0.293429
151	6	0	-1.967563	7.670140	1.400974
152	1	0	-2.489175	5.914614	0.294369
153	8	0	-6.676371	7.900307	-1.324770
154	7	0	-5.934044	9.901235	-2.129138
155	1	0	-5.490403	7.559852	-4.387468
156	1	0	-4.065731	6.485822	-4.054981
157	1	0	-5.644865	6.186703	-3.211355
158	6	0	-0.230564	5.199877	-0.550589
159	1	0	0.111545	7.224040	-0.416110
160	1	0	-1.497672	7.112505	2.247289
161	1	0	-1.422510	8.637136	1.265392
162	1	0	-3.029466	7.893992	1.667864
163	1	0	-5.174700	10.426097	-2.566813
164	6	0	-7.094980	10.651848	-1.668799
165	6	0	1.196300	5.004826	-1.111437
166	8	0	-0.982413	4.229781	-0.383752
167	1	0	-7.072880	11.641579	-2.130962
168	1	0	-8.017939	10.137432	-1.954271
169	1	0	-7.092723	10.766018	-0.577342
170	7	0	1.917366	4.042493	-0.264593

171	6	0	1.064539	4.567533	-2.550600
172	1	0	1.754704	5.945327	-1.068239
173	6	0	3.106344	4.350652	0.295196
174	1	0	1.538396	3.094688	-0.164809
175	1	0	2.070749	4.412012	-3.010016
176	1	0	0.485474	3.614025	-2.628465
177	1	0	0.527416	5.358607	-3.128642
178	6	0	3.730143	3.244280	1.181592
179	8	0	3.677002	5.445549	0.156123
180	7	0	5.105194	2.974983	0.729782
181	6	0	3.651940	3.712968	2.614480
182	1	0	3.167287	2.311239	1.070322
183	1	0	5.813142	3.700207	0.862621
184	6	0	5.480531	1.762999	0.258501
185	1	0	4.091471	2.952504	3.304574
186	1	0	2.580944	3.868930	2.892561
187	1	0	4.199947	4.679164	2.752005
188	6	0	6.949986	1.665963	-0.214194
189	8	0	4.722927	0.786881	0.168237
190	7	0	7.609226	0.547989	0.479914
191	6	0	6.935971	1.523713	-1.717355
192	1	0	7.499635	2.572475	0.058642
193	6	0	8.764955	0.723830	1.158182
194	1	0	7.236968	-0.399083	0.355336
195	1	0	6.371439	0.609887	-2.028381
196	1	0	6.440837	2.418345	-2.167789
197	1	0	7.976574	1.453268	-2.117261
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202	1	0	8.793946	-1.431653	1.499162
203	1	0	11.418373	-0.042829	1.895364
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205	1	0	9.430261	-1.258416	3.913440
206	1	0	7.954198	-0.283524	3.512538
207	1	0	9.554194	0.545249	3.739051
208	6	0	12.698285	-1.845098	0.629487
209	8	0	10.463587	-2.724732	0.468322
210	1	0	13.080297	-2.814556	0.964652
211	1	0	12.872199	-1.778394	-0.450306
212	1	0	13.230040	-1.037494	1.137870
213	1	0	-1.331845	10.123103	-2.143193

214	7	0	-0.991542	11.027004	-2.484281
215	6	0	-0.128997	11.753259	-1.737291
216	6	0	-1.645103	11.610105	-3.669850
217	6	0	0.421234	11.015500	-0.492262
218	8	0	0.221091	12.912192	-2.009481
219	6	0	-2.916905	12.362131	-3.199264
220	6	0	-2.017803	10.586702	-4.705680
221	1	0	-0.938504	12.331185	-4.100040
222	7	0	1.844128	10.694210	-0.713894
223	6	0	0.184948	11.883746	0.716784
224	1	0	-0.088022	10.054049	-0.364689
225	8	0	-4.039353	11.835385	-3.180289
226	7	0	-2.669710	13.627801	-2.778297
227	1	0	-2.498874	11.103688	-5.572002
228	1	0	-1.114076	10.039354	-5.068408
229	1	0	-2.746051	9.844004	-4.294690
230	6	0	2.318898	9.420789	-0.731944
231	1	0	2.488133	11.466736	-0.830807
232	1	0	0.592447	11.403359	1.639312
233	1	0	0.662541	12.887186	0.592116
234	1	0	-0.914685	12.032410	0.850529
235	1	0	-1.690746	13.884513	-2.671584
236	6	0	-3.691155	14.467748	-2.168548
237	6	0	3.834313	9.283689	-1.008288
238	8	0	1.605871	8.425049	-0.567747
239	1	0	-3.495039	15.517253	-2.409027
240	1	0	-4.665544	14.182395	-2.570418
241	1	0	-3.716954	14.352694	-1.076704
242	7	0	4.377532	8.250870	-0.123317
243	6	0	4.012962	9.010998	-2.483505
244	1	0	4.365436	10.211494	-0.760580
245	6	0	5.558037	8.420861	0.531624
246	1	0	3.928233	7.332483	-0.102547
247	1	0	5.098003	8.921447	-2.735266
248	1	0	3.580080	9.856048	-3.072589
249	1	0	3.499618	8.065642	-2.786172
250	6	0	5.920991	7.251418	1.476151
251	8	0	6.277370	9.419795	0.441900
252	7	0	7.378798	7.070514	1.453618
253	6	0	5.362591	7.562003	2.844425
254	1	0	5.467803	6.321916	1.118616
255	6	0	7.960438	5.860872	1.275724
256	1	0	7.941355	7.913966	1.470760

257	1	0	5.594980	6.734946	3.559252
258	1	0	4.251767	7.662191	2.769922
259	1	0	5.781576	8.513744	3.252631
260	6	0	9.502009	5.873051	1.167266
261	8	0	7.324757	4.803118	1.179190
262	7	0	10.014794	4.633840	1.754338
263	6	0	9.869743	6.088928	-0.282594
264	1	0	9.924519	6.698649	1.754063
265	1	0	9.558584	3.750648	1.514433
266	6	0	11.156984	4.610859	2.487261
267	1	0	9.464846	5.274504	-0.931459
268	1	0	9.452128	7.064832	-0.631648
269	1	0	10.980782	6.116051	-0.401136
270	6	0	11.486372	3.228451	3.095831
271	8	0	11.875494	5.592845	2.704013
272	7	0	12.946794	3.113490	3.167007
273	6	0	10.785496	3.115720	4.428995
274	1	0	11.112618	2.432673	2.444303
275	6	0	13.611702	1.979058	2.836914
276	1	0	13.447381	3.977690	3.341521
277	1	0	11.023826	2.137767	4.914768
278	1	0	9.681032	3.167374	4.263740
279	1	0	11.084758	3.938978	5.121928
280	6	0	15.130335	2.063988	2.871695
281	8	0	13.039198	0.924116	2.522784
282	1	0	15.506268	1.311781	3.572421
283	1	0	15.517052	1.813428	1.878737
284	1	0	15.503890	3.049419	3.166181
285	8	0	1.779643	-10.143993	-0.632680
286	6	0	1.447419	-11.262773	-1.056291
287	6	0	2.359709	-12.499669	-0.872432
288	7	0	0.308197	-11.504080	-1.745873
289	7	0	3.262807	-12.585064	-2.032631
290	1	0	1.746201	-13.409462	-0.879504
291	6	0	3.092671	-12.384371	0.436275
292	1	0	0.189973	-12.428540	-2.151261
293	6	0	-0.633393	-10.436556	-2.116660
294	6	0	2.854001	-13.203967	-3.173879
295	1	0	4.095941	-11.991823	-2.025227
296	1	0	3.744352	-11.474525	0.451872
297	1	0	2.349301	-12.298038	1.265922
298	1	0	3.729626	-13.284546	0.613810
299	6	0	-1.955057	-10.597018	-1.317088

300	6	0	-0.983333	-10.439675	-3.584401
301	1	0	-0.156133	-9.485289	-1.858169
302	6	0	3.861178	-13.189582	-4.314540
303	8	0	1.750790	-13.759029	-3.281595
304	8	0	-2.540353	-11.678511	-1.242992
305	7	0	-2.414446	-9.436268	-0.765540
306	1	0	-1.479778	-11.396639	-3.880973
307	1	0	-1.685647	-9.595956	-3.794315
308	1	0	-0.068573	-10.303690	-4.211081
309	1	0	4.168099	-14.220641	-4.520922
310	1	0	3.369087	-12.805931	-5.213726
311	1	0	4.744912	-12.585541	-4.089282
312	1	0	-1.813765	-8.610484	-0.748273
313	6	0	-3.663393	-9.408253	-0.001899
314	6	0	-4.388188	-8.072646	-0.277552
315	1	0	-4.263729	-10.255954	-0.355968
316	6	0	-3.497329	-9.544541	1.494801
317	8	0	-3.758750	-7.009391	-0.375747
318	7	0	-5.736534	-8.150256	-0.368245
319	1	0	-2.888332	-8.707002	1.913976
320	1	0	-4.501931	-9.535948	1.983692
321	1	0	-2.990255	-10.509554	1.741308
322	1	0	-6.211791	-9.034120	-0.221998
323	6	0	-6.592019	-6.965088	-0.508157
324	6	0	-7.759242	-7.088885	0.498871
325	1	0	-5.984118	-6.086293	-0.272649
326	6	0	-7.174899	-6.786417	-1.889857
327	8	0	-8.251022	-8.185762	0.779130
328	7	0	-8.200589	-5.897828	0.982788
329	1	0	-7.825689	-7.648229	-2.175566
330	1	0	-7.788283	-5.852158	-1.908598
331	1	0	-6.360062	-6.689237	-2.648559
332	1	0	-7.638664	-5.057613	0.835885
333	6	0	-9.336420	-5.820196	1.902478
334	6	0	-10.031369	-4.453781	1.707222
335	1	0	-10.023660	-6.634278	1.637468
336	6	0	-8.983627	-5.970511	3.364958
337	8	0	-9.394725	-3.459062	1.327955
338	7	0	-11.350209	-4.430271	1.999360
339	1	0	-8.480452	-6.953933	3.538486
340	1	0	-8.298146	-5.157347	3.706285
341	1	0	-9.914091	-5.936297	3.982714
342	1	0	-11.797264	-5.242964	2.413106

343	6	0	-12.135065	-3.188863	2.046283
344	6	0	-12.877346	-3.152927	3.405096
345	1	0	-11.439075	-2.347625	1.975618
346	6	0	-13.152837	-3.064272	0.939125
347	8	0	-13.283457	-4.195275	3.928490
348	7	0	-13.041166	-1.905166	3.908717
349	1	0	-12.658195	-3.121864	-0.061318
350	1	0	-13.924027	-3.870363	0.999900
351	1	0	-13.662322	-2.072997	1.026190
352	1	0	-12.554335	-1.137466	3.446763
353	6	0	-13.740270	-1.658051	5.160348
354	1	0	-14.495634	-0.873855	5.030831
355	1	0	-14.230939	-2.583472	5.468867
356	1	0	-13.044460	-1.348618	5.951153
357	6	0	-1.794347	0.608107	-2.435686
358	1	0	-0.860868	0.480329	-3.035585
359	1	0	-2.383977	-0.340877	-2.485961
360	1	0	-2.401217	1.428461	-2.890881

P PI (Ac-AAAAAA-NHMe)<sub>6</sub>

1	6	0	-6.132644	11.513077	3.233434
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3	1	0	-6.607280	12.491432	3.105093
4	1	0	-6.160758	11.271520	4.301706
5	1	0	-5.095493	11.552337	2.891484
6	8	0	-8.173317	10.345801	2.709563
7	7	0	-6.271012	9.728769	1.588037
8	1	0	-5.271770	9.904629	1.457495
9	6	0	-6.902715	8.663363	0.796037
10	6	0	-6.254536	7.306363	1.169392
11	6	0	-6.748583	8.848919	-0.694399
12	1	0	-7.968188	8.654925	1.049146
13	8	0	-5.018343	7.191075	1.196458
14	7	0	-7.115702	6.299872	1.430715
15	1	0	-7.208433	9.812723	-1.021967
16	1	0	-5.670381	8.848950	-0.991114
17	1	0	-7.264939	8.010647	-1.223195
18	1	0	-8.124932	6.483284	1.420940
19	6	0	-6.646718	4.962839	1.836595
20	6	0	-7.441409	3.901484	1.043223
21	6	0	-6.838115	4.672659	3.306704
22	1	0	-5.581134	4.907704	1.593003
23	8	0	-8.676501	3.850502	1.122151
24	7	0	-6.691656	3.053775	0.300716
25	1	0	-7.921562	4.697134	3.583105
26	1	0	-6.436538	3.655389	3.535451
27	1	0	-6.291831	5.420048	3.931557
28	1	0	-5.680559	3.197832	0.245967
29	6	0	-7.308468	1.988004	-0.502986
30	6	0	-6.707395	0.624405	-0.089331
31	6	0	-7.096309	2.147436	-1.989433
32	1	0	-8.381126	2.012594	-0.284848
33	8	0	-5.479718	0.443299	-0.107252
34	7	0	-7.612966	-0.320263	0.248832
35	1	0	-7.517890	3.118373	-2.346319
36	1	0	-6.008741	2.114249	-2.246268
37	1	0	-7.614426	1.315614	-2.526284
38	1	0	-8.598147	-0.053897	0.326724
39	6	0	-7.221342	-1.689462	0.623365
40	6	0	-7.821284	-2.690092	-0.398187
41	6	0	-7.708774	-2.095106	1.993294

42	1	0	-6.127130	-1.730200	0.595836
43	8	0	-9.036722	-2.685429	-0.643882
44	7	0	-6.939029	-3.555111	-0.949330
45	1	0	-7.312553	-1.404029	2.776254
46	1	0	-8.827312	-2.084902	2.041138
47	1	0	-7.353181	-3.130224	2.218396
48	1	0	-5.938589	-3.435721	-0.769254
49	6	0	-7.363081	-4.549833	-1.946850
50	6	0	-6.902781	-5.959291	-1.505994
51	6	0	-6.801059	-4.302699	-3.326792
52	1	0	-8.455928	-4.504435	-1.988600
53	8	0	-5.708548	-6.195074	-1.263435
54	7	0	-7.885319	-6.885841	-1.450344
55	1	0	-7.112451	-3.299262	-3.706075
56	1	0	-5.684013	-4.351162	-3.319740
57	1	0	-7.186617	-5.083202	-4.027352
58	1	0	-8.856269	-6.585684	-1.573442
59	6	0	-7.616858	-8.296837	-1.122285
60	6	0	-7.761247	-9.166136	-2.399784
61	6	0	-8.554511	-8.848760	-0.077966
62	1	0	-6.585837	-8.345707	-0.752901
63	8	0	-8.836919	-9.224900	-3.018968
64	7	0	-6.657704	-9.843128	-2.766865
65	1	0	-8.265734	-9.902841	0.154859
66	1	0	-8.502542	-8.248841	0.862828
67	1	0	-9.612307	-8.844885	-0.446335
68	1	0	-5.789726	-9.738013	-2.237747
69	6	0	-6.650797	-10.705994	-3.939705
70	1	0	-5.683202	-11.211088	-3.991722
71	1	0	-7.446756	-11.456432	-3.876882
72	1	0	-6.803689	-10.128695	-4.859696
73	8	0	-4.182992	-9.719541	-1.409262
74	6	0	-3.091434	-9.557077	-0.839752
75	7	0	-2.021482	-10.347002	-1.047796
76	6	0	-2.886151	-8.408799	0.177797
77	1	0	-1.135113	-10.141109	-0.582587
78	6	0	-2.071734	-11.469050	-1.974561
79	6	0	-3.810961	-8.646771	1.345321
80	1	0	-1.847984	-8.399091	0.528386
81	7	0	-3.120620	-7.120152	-0.494662
82	1	0	-1.164449	-12.065029	-1.848733
83	1	0	-2.947204	-12.095046	-1.772748
84	1	0	-2.132026	-11.127124	-3.015612



85	1	0	-3.562512	-9.628608	1.817364
86	1	0	-3.698584	-7.843047	2.112811
87	1	0	-4.878105	-8.674053	1.010985
88	1	0	-4.077008	-6.879811	-0.771153
89	6	0	-2.124482	-6.239346	-0.725470
90	8	0	-0.942031	-6.417862	-0.390682
91	6	0	-2.547226	-4.951427	-1.472244
92	6	0	-1.941494	-5.000302	-2.853763
93	1	0	-3.638453	-4.904034	-1.554342
94	7	0	-2.120124	-3.784158	-0.685963
95	1	0	-2.218535	-4.090306	-3.439355
96	1	0	-0.826435	-5.065372	-2.801565
97	1	0	-2.325976	-5.900975	-3.392045
98	1	0	-1.118576	-3.630657	-0.544318
99	6	0	-3.001598	-2.889676	-0.188196
100	8	0	-4.229664	-2.955995	-0.344836
101	6	0	-2.377217	-1.738157	0.634887
102	6	0	-2.819722	-1.905229	2.068403
103	1	0	-1.284560	-1.782310	0.582006
104	7	0	-2.786464	-0.455872	0.039330
105	1	0	-2.394751	-1.096248	2.710687
106	1	0	-2.459640	-2.891025	2.451871
107	1	0	-3.934757	-1.877607	2.149647
108	1	0	-3.785724	-0.231159	0.003334
109	6	0	-1.886625	0.456680	-0.384756
110	8	0	-0.655391	0.308397	-0.324641
111	6	0	-2.488085	1.747998	-0.987656
112	6	0	-2.208550	1.741049	-2.470822
113	1	0	-3.570152	1.776733	-0.822285
114	7	0	-1.909307	2.901225	-0.280857
115	1	0	-2.620316	2.659796	-2.954637
116	1	0	-2.694810	0.846960	-2.932113
117	1	0	-1.109881	1.693135	-2.672530
118	1	0	-0.894326	3.028728	-0.302464
119	6	0	-2.676163	3.816658	0.351665
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121	6	0	-1.891733	4.916113	1.109051
122	6	0	-2.042815	4.644072	2.586904
123	1	0	-0.831180	4.875101	0.840519
124	7	0	-2.391677	6.236953	0.700361
125	1	0	-3.118165	4.669943	2.892307
126	1	0	-1.630599	3.631776	2.818842
127	1	0	-1.483529	5.402365	3.186854

128	6	0	-1.577915	7.185682	0.188442
129	1	0	-3.371807	6.468429	0.891205
130	6	0	-2.282321	8.499956	-0.222197
131	8	0	-0.356558	7.043174	0.015185
132	7	0	-1.587346	9.634964	0.400565
133	6	0	-2.307254	8.550083	-1.731731
134	1	0	-3.310130	8.510069	0.155475
135	1	0	-0.587878	9.757175	0.221976
136	6	0	-2.246468	10.565065	1.135905
137	1	0	-2.818977	9.477151	-2.087138
138	1	0	-1.271781	8.529454	-2.152297
139	1	0	-2.867007	7.664116	-2.119544
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142	1	0	-1.805595	12.637886	1.405784
143	1	0	-1.433389	11.624381	2.803342
144	1	0	-0.339378	11.607566	1.385924
145	8	0	0.504325	-9.936683	0.193563
146	6	0	1.583944	-9.672654	0.747175
147	6	0	1.787921	-8.340526	1.509190
148	7	0	2.644633	-10.502082	0.738861
149	7	0	1.604386	-7.213837	0.578927
150	6	0	0.825638	-8.313123	2.670293
151	1	0	2.815902	-8.277858	1.883441
152	1	0	3.517281	-10.219188	1.188482
153	6	0	2.596424	-11.792292	0.065179
154	1	0	0.658650	-7.006194	0.243498
155	6	0	2.630414	-6.425901	0.197958
156	1	0	1.034309	-9.181651	3.341666
157	1	0	0.938982	-7.371120	3.259728
158	1	0	-0.232470	-8.386221	2.314696
159	1	0	3.522885	-12.330796	0.278963
160	1	0	1.745120	-12.383846	0.419529
161	1	0	2.495723	-11.671145	-1.020384
162	6	0	2.263501	-5.287415	-0.782086
163	8	0	3.803163	-6.569832	0.581693
164	7	0	2.677110	-4.008284	-0.182858
165	6	0	2.928180	-5.579661	-2.104676
166	1	0	1.178041	-5.240384	-0.920317
167	6	0	1.794169	-3.019652	0.079428
168	1	0	3.669247	-3.854699	0.011627
169	1	0	2.698098	-4.778701	-2.848508
170	1	0	4.037993	-5.651937	-1.989172

171	1	0	2.547651	-6.553157	-2.500042
172	6	0	2.390389	-1.767941	0.766452
173	8	0	0.582793	-3.081550	-0.174867
174	7	0	2.017775	-0.575004	-0.008583
175	6	0	1.883049	-1.743493	2.188444
176	1	0	3.483666	-1.822133	0.771432
177	6	0	2.941972	0.256235	-0.533138
178	1	0	1.022992	-0.344264	-0.099359
179	1	0	2.287482	-0.858772	2.737395
180	1	0	0.765797	-1.699877	2.215372
181	1	0	2.216057	-2.671611	2.713945
182	6	0	2.375055	1.463362	-1.316338
183	8	0	4.169548	0.098899	-0.425787
184	7	0	2.905658	2.697361	-0.714907
185	6	0	2.745166	1.290153	-2.768979
186	1	0	1.284951	1.502097	-1.218631
187	6	0	2.096451	3.655770	-0.211945
188	1	0	3.918403	2.840779	-0.706781
189	1	0	2.363808	2.144681	-3.378923
190	1	0	3.854310	1.227261	-2.895829
191	1	0	2.288878	0.345676	-3.154204
192	6	0	2.822410	4.862869	0.428823
193	8	0	0.858119	3.599829	-0.224175
194	7	0	2.327886	6.102849	-0.188935
195	6	0	2.586390	4.798642	1.918781
196	1	0	3.897357	4.809285	0.227748
197	6	0	3.150235	6.962868	-0.827420
198	1	0	1.337497	6.343180	-0.079379
199	1	0	1.493570	4.836219	2.153799
200	1	0	3.003409	3.841338	2.316378
201	1	0	3.091717	5.649766	2.436368
202	6	0	2.460761	8.214608	-1.420050
203	8	0	4.372967	6.791869	-0.963825
204	7	0	3.123993	9.414908	-0.890746
205	1	0	1.414891	8.259610	-1.098128
206	6	0	2.518360	8.100931	-2.924554
207	6	0	2.446520	10.379388	-0.219409
208	1	0	4.121509	9.542598	-1.074210
209	1	0	3.575595	8.034100	-3.282061
210	1	0	1.975506	7.178025	-3.244138
211	1	0	2.033329	8.983944	-3.406751
212	6	0	3.289350	11.551227	0.261293
213	8	0	1.226867	10.333511	0.012228

214	1	0	2.842759	12.476552	-0.117189
215	1	0	3.240933	11.586074	1.355148
216	1	0	4.331094	11.481102	-0.060992
217	1	0	5.331674	-7.019138	1.404467
218	7	0	6.247820	-7.140916	1.848667
219	6	0	7.293950	-6.406009	1.421724
220	6	0	6.345776	-8.022471	3.024136
221	6	0	7.028930	-5.505913	0.191762
222	8	0	8.418318	-6.422525	1.948266
223	6	0	6.161843	-9.496252	2.588057
224	6	0	5.314685	-7.719089	4.082967
225	1	0	7.347880	-7.875873	3.441398
226	7	0	7.457313	-4.137241	0.523356
227	6	0	7.759860	-6.097020	-0.987669
228	1	0	5.956139	-5.465889	-0.025279
229	8	0	5.128044	-9.869278	2.010994
230	7	0	7.181000	-10.321965	2.897343
231	1	0	5.461463	-8.410006	4.948901
232	1	0	5.413467	-6.667148	4.445443
233	1	0	4.278955	-7.863358	3.685840
234	6	0	6.574184	-3.120012	0.639111
235	1	0	8.449253	-3.963645	0.691608
236	1	0	7.600896	-5.476275	-1.902781
237	1	0	8.858273	-6.163478	-0.788812
238	1	0	7.370188	-7.126073	-1.183120
239	1	0	8.032523	-9.954059	3.325301
240	6	0	7.142662	-11.741230	2.570548
241	6	0	7.172787	-1.779236	1.121069
242	8	0	5.360884	-3.225536	0.411639
243	1	0	7.938268	-12.247284	3.122746
244	1	0	6.175701	-12.169019	2.852738
245	1	0	7.289637	-11.910862	1.496228
246	7	0	6.816257	-0.718537	0.166438
247	6	0	6.662331	-1.532311	2.520868
248	1	0	8.265888	-1.834638	1.140239
249	6	0	7.757618	0.074022	-0.388718
250	1	0	5.824108	-0.522521	-0.004864
251	1	0	7.066558	-0.572719	2.925212
252	1	0	5.545216	-1.484139	2.537683
253	1	0	6.992891	-2.366572	3.186574
254	6	0	7.229613	1.141002	-1.379849
255	8	0	8.975333	-0.033053	-0.166297
256	7	0	7.737608	2.464918	-0.983359

257	6	0	7.659677	0.725452	-2.765902
258	1	0	6.136234	1.189173	-1.334540
259	1	0	8.739992	2.646819	-1.065936
260	6	0	6.909970	3.474877	-0.627400
261	1	0	7.306529	1.462213	-3.527618
262	1	0	7.217312	-0.272598	-3.004470
263	1	0	8.773925	0.646986	-2.834740
264	6	0	7.614215	4.782042	-0.194383
265	8	0	5.674390	3.388341	-0.607533
266	7	0	7.084693	5.902142	-0.988620
267	6	0	7.406056	4.939524	1.292897
268	1	0	8.686812	4.726381	-0.405679
269	6	0	7.904766	6.733426	-1.668776
270	1	0	6.082282	6.111632	-0.939986
271	1	0	6.317122	4.989131	1.542321
272	1	0	7.853021	4.063154	1.822608
273	1	0	7.899631	5.870147	1.664475
274	6	0	7.191468	7.835689	-2.492742
275	8	0	9.141878	6.621715	-1.693002
276	7	0	7.807898	9.143831	-2.229646
277	6	0	7.261107	7.419957	-3.943580
278	1	0	6.142130	7.910980	-2.186893
279	1	0	8.767582	9.310798	-2.535785
280	6	0	7.107902	10.176798	-1.692990
281	1	0	6.759074	8.174388	-4.596530
282	1	0	6.741456	6.438800	-4.070086
283	1	0	8.322925	7.306842	-4.279543
284	6	0	7.891859	11.465152	-1.496543
285	8	0	5.914580	10.099326	-1.360260
286	1	0	7.321006	12.287278	-1.939594
287	1	0	7.969491	11.660647	-0.421151
288	1	0	8.891479	11.424593	-1.935444
289	1	0	9.979231	-6.557534	2.725239
290	7	0	10.895559	-6.746944	3.141634
291	6	0	12.025052	-6.510095	2.436070
292	6	0	10.932805	-7.519705	4.396648
293	6	0	11.804041	-5.740693	1.110120
294	8	0	13.158939	-6.854828	2.803396
295	6	0	10.848904	-9.026112	4.038383
296	6	0	9.823492	-7.162649	5.345859
297	1	0	11.902457	-7.315262	4.868144
298	7	0	12.286680	-4.355338	1.270142
299	6	0	12.498286	-6.491908	0.003483

300	1	0	10.733383	-5.661693	0.891362
301	8	0	9.778769	-9.651831	4.012431
302	7	0	12.049314	-9.572276	3.720852
303	1	0	9.914325	-7.791292	6.265494
304	1	0	9.880494	-6.085766	5.637357
305	1	0	8.822047	-7.357290	4.887538
306	6	0	11.474353	-3.271599	1.152129
307	1	0	13.275491	-4.218049	1.439073
308	1	0	12.390263	-5.957452	-0.971476
309	1	0	13.586778	-6.621087	0.225160
310	1	0	12.037887	-7.505597	-0.094684
311	1	0	12.824698	-8.923561	3.604367
312	6	0	12.186007	-10.933913	3.222694
313	6	0	12.160319	-1.904109	1.378597
314	8	0	10.265190	-3.349672	0.909611
315	1	0	13.162410	-11.332968	3.513819
316	1	0	11.399568	-11.551033	3.662414
317	1	0	12.094776	-10.981152	2.129281
318	7	0	11.668125	-0.960993	0.371724
319	6	0	11.905421	-1.491074	2.809370
320	1	0	13.244645	-1.977153	1.226836
321	6	0	12.509130	-0.114484	-0.283221
322	1	0	10.658872	-0.832748	0.267176
323	1	0	12.399572	-0.512819	3.027333
324	1	0	12.325571	-2.262946	3.499435
325	1	0	10.811299	-1.388884	3.012741
326	6	0	11.808640	0.757131	-1.351873
327	8	0	13.728261	-0.051330	-0.102219
328	7	0	12.452222	2.077835	-1.373137
329	6	0	11.871528	0.023930	-2.670496
330	1	0	10.757899	0.908140	-1.086771
331	6	0	11.748198	3.233686	-1.325714
332	1	0	13.464886	2.091583	-1.324322
333	1	0	11.362688	0.614157	-3.471534
334	1	0	11.345726	-0.957054	-2.567021
335	1	0	12.926601	-0.166813	-2.984317
336	6	0	12.594225	4.525354	-1.250855
337	8	0	10.511413	3.282398	-1.317518
338	7	0	11.878245	5.588331	-1.958083
339	6	0	12.883949	4.814135	0.203977
340	1	0	13.551454	4.391165	-1.770631
341	1	0	10.879010	5.711741	-1.779765
342	6	0	12.528712	6.495416	-2.730677

343	1	0	11.941625	4.961899	0.785753
344	1	0	13.447960	3.958160	0.648770
345	1	0	13.506878	5.737133	0.299954
346	6	0	11.593287	7.483148	-3.465242
347	8	0	13.753786	6.537286	-2.888690
348	7	0	12.307561	8.758048	-3.590028
349	6	0	11.186513	6.864177	-4.781514
350	1	0	10.689011	7.655844	-2.873690
351	6	0	11.715052	9.957461	-3.369086
352	1	0	13.312007	8.689009	-3.709017
353	1	0	10.529296	7.562456	-5.355640
354	1	0	10.612915	5.926130	-4.579407
355	1	0	12.074989	6.614350	-5.410547
356	6	0	12.627970	11.172604	-3.438910
357	8	0	10.505547	10.081707	-3.122363
358	1	0	12.239202	11.858858	-4.197812
359	1	0	12.593548	11.690919	-2.475299
360	1	0	13.666441	10.922710	-3.676653
361	8	0	-9.846284	7.118816	1.307172
362	6	0	-10.911964	7.399515	1.878353
363	6	0	-11.454990	8.848669	1.904912
364	7	0	-11.664318	6.504574	2.560791
365	7	0	-10.889244	9.530399	3.081366
366	1	0	-12.543676	8.829365	2.040421
367	6	0	-11.110535	9.529930	0.608538
368	1	0	-12.450014	6.862341	3.096896
369	6	0	-11.249354	5.105953	2.750483
370	6	0	-11.486032	9.405021	4.298371
371	1	0	-9.940723	9.904263	2.998580
372	1	0	-10.001773	9.577526	0.463176
373	1	0	-11.551024	8.949427	-0.238440
374	1	0	-11.520019	10.568847	0.586159
375	6	0	-12.185452	4.160134	1.949790
376	6	0	-11.285283	4.668787	4.194287
377	1	0	-10.225351	5.022980	2.370706
378	6	0	-10.778484	10.119647	5.440756
379	8	0	-12.539186	8.774650	4.471607
380	8	0	-13.412205	4.249952	2.020141
381	7	0	-11.524819	3.211934	1.223820
382	1	0	-12.319679	4.737107	4.613221
383	1	0	-10.944325	3.606617	4.263042
384	1	0	-10.605928	5.300007	4.817251
385	1	0	-11.430811	10.919051	5.808716

386	1	0	-10.630055	9.410952	6.261438
387	1	0	-9.816949	10.545331	5.139282
388	1	0	-10.512148	3.276961	1.107683
389	6	0	-12.255973	2.215700	0.439268
390	6	0	-11.518443	0.861507	0.534469
391	1	0	-13.256814	2.144002	0.883917
392	6	0	-12.416309	2.553407	-1.025799
393	8	0	-10.280423	0.803952	0.542338
394	7	0	-12.312836	-0.234172	0.572825
395	1	0	-11.424988	2.643791	-1.532957
396	1	0	-13.005034	1.749741	-1.531629
397	1	0	-12.963034	3.521208	-1.142277
398	1	0	-13.320867	-0.143377	0.508787
399	6	0	-11.776106	-1.600539	0.549573
400	6	0	-12.588121	-2.426379	-0.475253
401	1	0	-10.729468	-1.540709	0.236569
402	6	0	-11.835373	-2.308493	1.882395
403	8	0	-13.793240	-2.225625	-0.651450
404	7	0	-11.865261	-3.394434	-1.097907
405	1	0	-12.887684	-2.426249	2.238207
406	1	0	-11.376440	-3.322293	1.777161
407	1	0	-11.260932	-1.739270	2.653834
408	1	0	-10.847165	-3.391978	-1.014030
409	6	0	-12.479842	-4.319029	-2.050995
410	6	0	-11.725383	-5.666533	-1.981873
411	1	0	-13.524316	-4.454477	-1.741134
412	6	0	-12.479665	-3.846245	-3.487044
413	8	0	-10.529406	-5.715941	-1.657404
414	7	0	-12.453407	-6.753921	-2.318670
415	1	0	-13.022199	-2.872160	-3.570706
416	1	0	-11.440264	-3.705855	-3.871317
417	1	0	-13.000345	-4.596490	-4.130939
418	1	0	-13.395973	-6.647714	-2.681336
419	6	0	-11.863188	-8.090224	-2.474967
420	6	0	-12.306697	-8.645133	-3.850895
421	1	0	-10.774848	-7.982029	-2.446561
422	6	0	-12.275492	-9.072160	-1.405656
423	8	0	-13.419983	-8.373274	-4.311475
424	7	0	-11.385043	-9.443928	-4.442834
425	1	0	-12.004461	-8.689373	-0.391307
426	1	0	-13.375747	-9.264599	-1.429309
427	1	0	-11.738435	-10.037890	-1.575114
428	1	0	-10.458037	-9.495327	-4.020935



429	6	0	-11.625161	-10.091601	-5.723017
430	1	0	-11.416511	-11.166213	-5.657147
431	1	0	-12.673451	-9.944350	-5.990813
432	1	0	-10.995825	-9.659386	-6.511813

P Pl (Ac-AAAAAA-NHMe)<sub>7</sub>

1	6	0	-3.865017	11.559250	2.379798
2	6	0	-4.729189	10.487943	1.732425
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4	1	0	-3.876981	11.402621	3.464219
5	1	0	-2.834586	11.544103	2.016567
6	8	0	-5.949429	10.428424	1.962270
7	7	0	-4.071006	9.620077	0.923551
8	1	0	-3.076000	9.768204	0.739377
9	6	0	-4.763829	8.525756	0.228880
10	6	0	-4.041944	7.192686	0.536260
11	6	0	-4.808618	8.684292	-1.272509
12	1	0	-5.786413	8.499004	0.619659
13	8	0	-2.824131	7.072164	0.325915
14	7	0	-4.837129	6.206344	1.005133
15	1	0	-5.332022	9.630032	-1.553983
16	1	0	-3.778465	8.702820	-1.706066
17	1	0	-5.366279	7.823623	-1.716280
18	1	0	-5.813738	6.417465	1.233656
19	6	0	-4.316900	4.869391	1.326277
20	6	0	-5.104593	3.804060	0.524189
21	6	0	-4.434508	4.511621	2.789019
22	1	0	-3.261769	4.854594	1.034984
23	8	0	-6.344143	3.773224	0.555692
24	7	0	-4.338866	2.921919	-0.155535
25	1	0	-5.503217	4.510370	3.117870
26	1	0	-4.009431	3.491492	2.953715
27	1	0	-3.868372	5.239249	3.419739
28	1	0	-3.325422	3.060975	-0.184713
29	6	0	-4.917669	1.801219	-0.912924
30	6	0	-4.288802	0.485794	-0.395597
31	6	0	-4.668736	1.878796	-2.399703
32	1	0	-5.996412	1.806713	-0.725226
33	8	0	-3.055108	0.349027	-0.369016
34	7	0	-5.169454	-0.460621	-0.006629
35	1	0	-5.101323	2.817139	-2.824083
36	1	0	-3.573977	1.856287	-2.625625
37	1	0	-5.153712	1.004984	-2.899563
38	1	0	-6.171455	-0.246085	-0.010759
39	6	0	-4.734728	-1.770814	0.504827
40	6	0	-5.357923	-2.879550	-0.376168
41	6	0	-5.153458	-2.028859	1.931992

42	1	0	-3.642512	-1.797558	0.433792
43	8	0	-6.587271	-2.946766	-0.523434
44	7	0	-4.475374	-3.737717	-0.932313
45	1	0	-4.729577	-1.253626	2.615301
46	1	0	-6.267417	-2.021609	2.030590
47	1	0	-4.774760	-3.030587	2.250825
48	1	0	-3.473007	-3.582921	-0.795917
49	6	0	-4.902941	-4.855428	-1.787547
50	6	0	-4.445266	-6.186406	-1.143703
51	6	0	-4.328247	-4.799595	-3.182268
52	1	0	-5.996283	-4.819531	-1.842771
53	8	0	-3.254166	-6.370284	-0.845512
54	7	0	-5.423751	-7.098897	-0.962320
55	1	0	-4.631763	-3.856135	-3.697529
56	1	0	-3.211448	-4.850129	-3.158897
57	1	0	-4.711785	-5.667217	-3.772931
58	1	0	-6.389018	-6.852493	-1.199073
59	6	0	-5.156884	-8.429181	-0.390609
60	6	0	-5.396137	-9.505736	-1.476516
61	6	0	-6.034429	-8.755937	0.792064
62	1	0	-4.105919	-8.435516	-0.080189
63	8	0	-6.505754	-9.630544	-2.020130
64	7	0	-4.335253	-10.280417	-1.770881
65	1	0	-5.762190	-9.766191	1.184248
66	1	0	-5.896558	-8.006900	1.609110
67	1	0	-7.113576	-8.768527	0.497949
68	1	0	-3.433329	-10.102803	-1.323975
69	6	0	-4.418108	-11.337084	-2.769038
70	1	0	-3.517910	-11.953077	-2.700559
71	1	0	-5.299216	-11.962574	-2.592326
72	1	0	-4.491615	-10.926246	-3.784138
73	8	0	-1.789189	-9.898849	-0.578380
74	6	0	-0.668105	-9.667261	-0.096524
75	7	0	0.398551	-10.467814	-0.279762
76	6	0	-0.416009	-8.409696	0.770133
77	1	0	1.304656	-10.212014	0.117736
78	6	0	0.310745	-11.685161	-1.073803
79	6	0	-1.308788	-8.488570	1.983130
80	1	0	0.632507	-8.375684	1.086736
81	7	0	-0.650893	-7.207233	-0.046791
82	1	0	1.243230	-12.242979	-0.958323
83	1	0	-0.526094	-12.306496	-0.737072
84	1	0	0.159112	-11.459681	-2.136873

85	1	0	-1.060878	-9.410861	2.563163
86	1	0	-1.161906	-7.600547	2.644498
87	1	0	-2.385651	-8.536875	1.684006
88	1	0	-1.611819	-6.987379	-0.325616
89	6	0	0.347869	-6.366351	-0.389524
90	8	0	1.534195	-6.515641	-0.054302
91	6	0	-0.077311	-5.163733	-1.265269
92	6	0	0.538622	-5.344801	-2.630951
93	1	0	-1.168178	-5.129840	-1.358140
94	7	0	0.336803	-3.922977	-0.591890
95	1	0	0.262562	-4.497746	-3.304767
96	1	0	1.653476	-5.399698	-2.564570
97	1	0	0.161853	-6.295667	-3.081101
98	1	0	1.334989	-3.757642	-0.439574
99	6	0	-0.551222	-2.973630	-0.224235
100	8	0	-1.772179	-3.042888	-0.427455
101	6	0	0.053614	-1.758448	0.517901
102	6	0	-0.396753	-1.831443	1.957302
103	1	0	1.146916	-1.795474	0.476886
104	7	0	-0.364094	-0.525381	-0.166461
105	1	0	0.019194	-0.977701	2.545314
106	1	0	-0.032125	-2.786216	2.408912
107	1	0	-1.512368	-1.805770	2.030714
108	1	0	-1.365015	-0.311213	-0.220219
109	6	0	0.530377	0.366880	-0.641253
110	8	0	1.762521	0.235880	-0.559103
111	6	0	-0.077545	1.609104	-1.333663
112	6	0	0.248087	1.526315	-2.804903
113	1	0	-1.164373	1.624556	-1.200578
114	7	0	0.456130	2.812841	-0.676854
115	1	0	-0.165652	2.408241	-3.351462
116	1	0	-0.206325	0.598191	-3.230009
117	1	0	1.353304	1.489835	-2.970205
118	1	0	1.467760	2.967407	-0.685433
119	6	0	-0.348978	3.731785	-0.100437
120	8	0	-1.587326	3.666028	-0.091069
121	6	0	0.380730	4.901210	0.601573
122	6	0	0.167576	4.743692	2.088353
123	1	0	1.452838	4.865431	0.382718
124	7	0	-0.127294	6.173780	0.066290
125	1	0	-0.921556	4.762756	2.341756
126	1	0	0.593068	3.765086	2.419532
127	1	0	0.678952	5.562815	2.649760

128	6	0	0.695157	7.104374	-0.465208
129	1	0	-1.123248	6.388938	0.177181
130	6	0	-0.006463	8.378763	-0.991410
131	8	0	1.926110	6.975811	-0.564412
132	7	0	0.641420	9.558718	-0.402017
133	6	0	0.052362	8.342101	-2.499975
134	1	0	-1.053200	8.394830	-0.669605
135	1	0	1.639905	9.703916	-0.568227
136	6	0	-0.049436	10.474905	0.320961
137	1	0	-0.444729	9.241851	-2.936837
138	1	0	1.110078	8.308104	-2.860421
139	1	0	-0.478330	7.429377	-2.865920
140	8	0	-1.268504	10.397738	0.550006
141	6	0	0.775126	11.633159	0.862035
142	1	0	0.323615	12.569303	0.517146
143	1	0	0.712166	11.621219	1.955602
144	1	0	1.821280	11.586936	0.549870
145	8	0	2.976356	-9.938011	0.808526
146	6	0	4.064248	-9.634559	1.324620
147	6	0	4.278130	-8.252752	1.988738
148	7	0	5.127683	-10.460215	1.354334
149	7	0	4.090174	-7.195770	0.980444
150	6	0	3.326188	-8.139145	3.153124
151	1	0	5.309328	-8.166660	2.349065
152	1	0	6.004070	-10.147291	1.775803
153	6	0	5.072561	-11.793222	0.770551
154	1	0	3.144815	-7.024686	0.624087
155	6	0	5.109190	-6.419907	0.557642
156	1	0	3.539001	-8.957685	3.883425
157	1	0	3.446933	-7.157520	3.672225
158	1	0	2.264814	-8.234755	2.813037
159	1	0	6.003269	-12.315000	1.006272
160	1	0	4.227973	-12.360561	1.176814
161	1	0	4.955523	-11.745764	-0.319050
162	6	0	4.739236	-5.357670	-0.503517
163	8	0	6.279315	-6.518977	0.962800
164	7	0	5.125549	-4.033451	0.010730
165	6	0	5.426848	-5.730467	-1.793777
166	1	0	3.655405	-5.336781	-0.659610
167	6	0	4.225537	-3.040058	0.181442
168	1	0	6.111643	-3.852589	0.212840
169	1	0	5.196335	-4.986225	-2.594236
170	1	0	6.535776	-5.778132	-1.658709

171	1	0	5.065653	-6.734473	-2.125932
172	6	0	4.790752	-1.733984	0.788461
173	8	0	3.020362	-3.138380	-0.091287
174	7	0	4.423818	-0.602807	-0.077190
175	6	0	4.250020	-1.615946	2.193650
176	1	0	5.884098	-1.773316	0.822407
177	6	0	5.350526	0.220410	-0.610746
178	1	0	3.429301	-0.396114	-0.216448
179	1	0	4.630642	-0.689021	2.687181
180	1	0	3.131990	-1.586233	2.192457
181	1	0	4.582146	-2.499686	2.791267
182	6	0	4.790982	1.369464	-1.482243
183	8	0	6.575682	0.097281	-0.447157
184	7	0	5.280831	2.646196	-0.937379
185	6	0	5.214438	1.117948	-2.908720
186	1	0	3.697696	1.393604	-1.424210
187	6	0	4.440782	3.623290	-0.529983
188	1	0	6.290462	2.807394	-0.903858
189	1	0	4.840425	1.927843	-3.580932
190	1	0	6.328227	1.068442	-2.994073
191	1	0	4.787508	0.144150	-3.252353
192	6	0	5.126406	4.878401	0.061764
193	8	0	3.204692	3.549944	-0.587578
194	7	0	4.631228	6.072123	-0.640626
195	6	0	4.845473	4.894388	1.545213
196	1	0	6.207860	4.833061	-0.103231
197	6	0	5.458327	6.905451	-1.307844
198	1	0	3.634659	6.301615	-0.573519
199	1	0	3.745512	4.926140	1.744923
200	1	0	5.265195	3.968601	2.009087
201	1	0	5.321015	5.782200	2.028256
202	6	0	4.766174	8.105813	-1.996249
203	8	0	6.686907	6.746995	-1.399535
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206	6	0	4.871060	7.900957	-3.488569
207	6	0	4.676038	10.345228	-0.944798
208	1	0	6.393061	9.482319	-1.682110
209	1	0	5.939614	7.832655	-3.810374
210	1	0	4.354286	6.949878	-3.765996
211	1	0	4.385448	8.743170	-4.038425
212	6	0	5.484417	11.558885	-0.510979
213	8	0	3.448962	10.295855	-0.757109

214	1	0	5.033460	12.451938	-0.955752
215	1	0	5.403900	11.656746	0.577213
216	1	0	6.536344	11.489072	-0.798523
217	1	0	7.803048	-6.913982	1.824592
218	7	0	8.716773	-6.996828	2.282443
219	6	0	9.751379	-6.258227	1.833869
220	6	0	8.819487	-7.819832	3.499446
221	6	0	9.484527	-5.429445	0.555079
222	8	0	10.867846	-6.221558	2.375654
223	6	0	8.641473	-9.313321	3.134171
224	6	0	7.788211	-7.470915	4.544049
225	1	0	9.821326	-7.649177	3.908046
226	7	0	9.889707	-4.038401	0.814079
227	6	0	10.234667	-6.073921	-0.583899
228	1	0	8.413458	-5.418034	0.326657
229	8	0	7.609010	-9.718000	2.576202
230	7	0	9.664348	-10.119065	3.481588
231	1	0	7.939593	-8.118554	5.442045
232	1	0	7.882329	-6.402278	4.855297
233	1	0	6.752711	-7.639243	4.155916
234	6	0	8.993365	-3.026736	0.851275
235	1	0	10.876419	-3.841799	0.987827
236	1	0	10.074558	-5.507364	-1.533321
237	1	0	11.332154	-6.112344	-0.373005
238	1	0	9.862031	-7.118055	-0.725014
239	1	0	10.513055	-9.727221	3.893613
240	6	0	9.631406	-11.552179	3.221579
241	6	0	9.568728	-1.653515	1.265726
242	8	0	7.786050	-3.159667	0.606321
243	1	0	10.440901	-12.026380	3.781759
244	1	0	8.673460	-11.974506	3.540881
245	1	0	9.760193	-11.769841	2.153671
246	7	0	9.216102	-0.652469	0.247478
247	6	0	9.033788	-1.334632	2.641660
248	1	0	10.661912	-1.694926	1.304783
249	6	0	10.156182	0.126483	-0.328931
250	1	0	8.225026	-0.481805	0.045869
251	1	0	9.421264	-0.349214	2.997390
252	1	0	7.916140	-1.298659	2.639131
253	1	0	9.363043	-2.126326	3.358078
254	6	0	9.632791	1.126976	-1.389428
255	8	0	11.370092	0.054069	-0.074255
256	7	0	10.114825	2.478981	-1.061888

257	6	0	10.094312	0.638000	-2.741104
258	1	0	8.538239	1.161188	-1.366874
259	1	0	11.116271	2.670014	-1.134775
260	6	0	9.266375	3.497561	-0.789030
261	1	0	9.745298	1.324014	-3.550621
262	1	0	9.670176	-0.378627	-2.928935
263	1	0	11.210645	0.572153	-2.785492
264	6	0	9.943310	4.839018	-0.422637
265	8	0	8.031809	3.395220	-0.792287
266	7	0	9.414854	5.900615	-1.294174
267	6	0	9.702648	5.083720	1.047830
268	1	0	11.020706	4.786919	-0.608918
269	6	0	10.237460	6.700477	-2.008337
270	1	0	8.408542	6.095620	-1.281433
271	1	0	8.608330	5.132020	1.272571
272	1	0	10.150877	4.248100	1.638801
273	1	0	10.175636	6.042597	1.371239
274	6	0	9.526996	7.740999	-2.911109
275	8	0	11.476166	6.605029	-2.001655
276	7	0	10.116114	9.072420	-2.708706
277	6	0	9.639199	7.244463	-4.333610
278	1	0	8.469385	7.815648	-2.635074
279	1	0	11.081370	9.237163	-2.998045
280	6	0	9.385035	10.124274	-2.256653
281	1	0	9.141232	7.951445	-5.040536
282	1	0	9.138836	6.248684	-4.415828
283	1	0	10.710693	7.131066	-4.637192
284	6	0	10.143390	11.435212	-2.117378
285	8	0	8.183754	10.047151	-1.953892
286	1	0	9.574888	12.218524	-2.628573
287	1	0	10.183861	11.698533	-1.054503
288	1	0	11.156898	11.384069	-2.521972
289	1	0	12.428431	-6.303326	3.160471
290	7	0	13.344150	-6.466994	3.588828
291	6	0	14.474834	-6.252814	2.877919
292	6	0	13.380683	-7.188737	4.874092
293	6	0	14.253228	-5.545251	1.518148
294	8	0	15.609595	-6.573242	3.264096
295	6	0	13.310216	-8.708644	4.574655
296	6	0	12.263452	-6.802818	5.802431
297	1	0	14.346203	-6.958324	5.342021
298	7	0	14.714817	-4.147194	1.619267
299	6	0	14.965638	-6.334811	0.450383



300	1	0	13.183154	-5.491173	1.289122
301	8	0	12.245515	-9.344030	4.570026
302	7	0	14.515747	-9.256527	4.280611
303	1	0	12.352179	-7.395733	6.745688
304	1	0	12.312542	-5.715355	6.053285
305	1	0	11.265954	-7.020420	5.345764
306	6	0	13.888928	-3.082034	1.440777
307	1	0	15.700412	-3.987550	1.787350
308	1	0	14.857037	-5.845676	-0.548017
309	1	0	16.054233	-6.438564	0.684590
310	1	0	14.520197	-7.358332	0.394361
311	1	0	15.285723	-8.606198	4.139160
312	6	0	14.663140	-10.634853	3.833873
313	6	0	14.553786	-1.695468	1.606807
314	8	0	12.683520	-3.188976	1.190672
315	1	0	15.651220	-11.007091	4.120752
316	1	0	13.895494	-11.246278	4.313206
317	1	0	14.551115	-10.727166	2.745260
318	7	0	14.064363	-0.812013	0.545902
319	6	0	14.271904	-1.213683	3.010693
320	1	0	15.641091	-1.761019	1.474187
321	6	0	14.904706	0.005918	-0.145270
322	1	0	13.055194	-0.700915	0.422531
323	1	0	14.749846	-0.218871	3.185574
324	1	0	14.691557	-1.943620	3.745260
325	1	0	13.173564	-1.116443	3.192682
326	6	0	14.208393	0.809748	-1.268360
327	8	0	16.120984	0.091570	0.045408
328	7	0	14.837554	2.134758	-1.354331
329	6	0	14.296164	0.006113	-2.543850
330	1	0	13.152758	0.962808	-1.024818
331	6	0	14.119778	3.282786	-1.381361
332	1	0	15.849246	2.163244	-1.293529
333	1	0	13.791660	0.545810	-3.382400
334	1	0	13.779352	-0.973531	-2.393198
335	1	0	15.357192	-0.189720	-2.833531
336	6	0	14.949453	4.586855	-1.367539
337	8	0	12.882496	3.316534	-1.392454
338	7	0	14.234103	5.597587	-2.148482
339	6	0	15.209329	4.963518	0.072766
340	1	0	15.917543	4.434465	-1.861542
341	1	0	13.229341	5.714657	-1.999429
342	6	0	14.890092	6.475649	-2.949569

343	1	0	14.254953	5.133327	0.628274
344	1	0	15.774737	4.141935	0.576697
345	1	0	15.820027	5.898127	0.125282
346	6	0	13.959016	7.408237	-3.758060
347	8	0	16.118091	6.530517	-3.077842
348	7	0	14.657014	8.686486	-3.931505
349	6	0	13.595854	6.714995	-5.049837
350	1	0	13.037184	7.596615	-3.199209
351	6	0	14.040997	9.885824	-3.788026
352	1	0	15.665210	8.627805	-4.020610
353	1	0	12.942964	7.371432	-5.675913
354	1	0	13.031721	5.779277	-4.813265
355	1	0	14.503961	6.447697	-5.642607
356	6	0	14.936869	11.110578	-3.898339
357	8	0	12.823773	10.002664	-3.578613
358	1	0	14.560567	11.747633	-4.704961
359	1	0	14.865608	11.680255	-2.966291
360	1	0	15.985646	10.865710	-4.091846
361	8	0	-12.281670	6.949761	1.770239
362	6	0	-13.347046	7.198027	2.356801
363	6	0	-13.905975	8.639135	2.440033
364	7	0	-14.087020	6.270730	3.008629
365	7	0	-13.354185	9.279759	3.645968
366	1	0	-14.994999	8.601355	2.569191
367	6	0	-13.563902	9.376757	1.174271
368	1	0	-14.874173	6.600560	3.560524
369	6	0	-13.660207	4.869124	3.140371
370	6	0	-13.954209	9.097554	4.853866
371	1	0	-12.412027	9.672851	3.581113
372	1	0	-12.455085	9.447213	1.038569
373	1	0	-13.989880	8.823852	0.301792
374	1	0	-13.989318	10.409366	1.190539
375	6	0	-14.589380	3.950523	2.300764
376	6	0	-13.693485	4.372413	4.564866
377	1	0	-12.635391	4.809723	2.758260
378	6	0	-13.263136	9.776552	6.027585
379	8	0	-14.998330	8.444596	4.996735
380	8	0	-15.816710	4.033262	2.369801
381	7	0	-13.923433	3.031707	1.542388
382	1	0	-14.729066	4.413051	4.984488
383	1	0	-13.341923	3.311785	4.590256
384	1	0	-13.021509	4.984192	5.214620
385	1	0	-13.930779	10.548270	6.425895

386	1	0	-13.104609	9.037053	6.818692
387	1	0	-12.308303	10.231334	5.748142
388	1	0	-12.911509	3.108565	1.425809
389	6	0	-14.651981	2.069131	0.714228
390	6	0	-13.898159	0.721065	0.729169
391	1	0	-15.646927	1.961641	1.164829
392	6	0	-14.833754	2.481492	-0.729198
393	8	0	-12.659662	0.677536	0.716271
394	7	0	-14.679914	-0.384302	0.721414
395	1	0	-13.849722	2.610315	-1.242174
396	1	0	-15.419423	1.698706	-1.270067
397	1	0	-15.392877	3.447481	-0.787774
398	1	0	-15.689674	-0.301902	0.675492
399	6	0	-14.129427	-1.741231	0.613286
400	6	0	-14.951132	-2.516417	-0.442819
401	1	0	-13.088898	-1.652435	0.286938
402	6	0	-14.159336	-2.523369	1.904877
403	8	0	-16.162047	-2.321875	-0.583192
404	7	0	-14.229106	-3.435494	-1.136395
405	1	0	-15.204129	-2.669597	2.272105
406	1	0	-13.695186	-3.525879	1.734508
407	1	0	-13.574984	-1.993657	2.696726
408	1	0	-13.209538	-3.423967	-1.072959
409	6	0	-14.851966	-4.307881	-2.132438
410	6	0	-14.085878	-5.650256	-2.156468
411	1	0	-15.889909	-4.470519	-1.814020
412	6	0	-14.879494	-3.751137	-3.537823
413	8	0	-12.882604	-5.707658	-1.862049
414	7	0	-14.813626	-6.722926	-2.538490
415	1	0	-15.431696	-2.779080	-3.555235
416	1	0	-13.847755	-3.578428	-3.929538
417	1	0	-15.404157	-4.467153	-4.216524
418	1	0	-15.763998	-6.603582	-2.875926
419	6	0	-14.216307	-8.041427	-2.789658
420	6	0	-14.686954	-8.513819	-4.187349
421	1	0	-13.128498	-7.924985	-2.778647
422	6	0	-14.596254	-9.091275	-1.774342
423	8	0	-15.812790	-8.224174	-4.604714
424	7	0	-13.772916	-9.264913	-4.849428
425	1	0	-14.302499	-8.770354	-0.744970
426	1	0	-15.695535	-9.290315	-1.783308
427	1	0	-14.057565	-10.040374	-2.016802
428	1	0	-12.835228	-9.331278	-4.454016

429	6	0	-14.036458	-9.829394	-6.163899
430	1	0	-13.816275	-10.903690	-6.174056
431	1	0	-15.091967	-9.676172	-6.397911
432	1	0	-13.429632	-9.339155	-6.936260
433	8	0	-7.459191	7.095354	1.624785
434	6	0	-8.697183	7.191783	1.617328
435	6	0	-9.369917	8.555181	1.319922
436	7	0	-9.539234	6.159324	1.836690
437	7	0	-8.744423	9.588416	2.158188
438	1	0	-10.432070	8.518012	1.583675
439	6	0	-9.236384	8.817442	-0.161036
440	1	0	-10.551139	6.326552	1.847426
441	6	0	-9.043719	4.810395	2.165187
442	6	0	-9.437378	10.296592	3.082779
443	1	0	-7.746304	9.776294	2.035179
444	1	0	-8.161935	8.850387	-0.469276
445	1	0	-9.745282	7.998048	-0.725449
446	1	0	-9.715802	9.788494	-0.434690
447	6	0	-9.847348	3.779312	1.341577
448	6	0	-9.191399	4.446747	3.623829
449	1	0	-7.984597	4.781020	1.890660
450	6	0	-8.619865	11.306431	3.873880
451	8	0	-10.652888	10.150194	3.298010
452	8	0	-11.078214	3.701502	1.458316
453	7	0	-9.109043	2.988502	0.528180
454	1	0	-10.267054	4.442683	3.929662
455	1	0	-8.771021	3.425233	3.791850
456	1	0	-8.637629	5.170494	4.269587
457	1	0	-9.094943	12.288164	3.776140
458	1	0	-8.656511	11.027397	4.932683
459	1	0	-7.580233	11.359342	3.541516
460	1	0	-8.102837	3.154169	0.448935
461	6	0	-9.734141	1.958874	-0.314943
462	6	0	-9.103326	0.583297	0.004773
463	1	0	-10.800336	1.954460	-0.065913
464	6	0	-9.567527	2.203028	-1.795739
465	8	0	-7.873660	0.424045	-0.046800
466	7	0	-9.987241	-0.395684	0.300679
467	1	0	-8.487551	2.201540	-2.084689
468	1	0	-10.088983	1.393762	-2.362974
469	1	0	-10.013253	3.185239	-2.086283
470	1	0	-10.974277	-0.150730	0.415149
471	6	0	-9.566793	-1.778537	0.581605

472	6	0	-10.179399	-2.724982	-0.483070
473	1	0	-8.473291	-1.800668	0.523583
474	6	0	-10.011588	-2.273593	1.936620
475	8	0	-11.400202	-2.719523	-0.701277
476	7	0	-9.301229	-3.546988	-1.102388
477	1	0	-11.128359	-2.281993	2.014741
478	1	0	-9.637082	-3.315351	2.088532
479	1	0	-9.602655	-1.625803	2.749491
480	1	0	-8.298116	-3.425838	-0.938508
481	6	0	-9.737029	-4.485618	-2.147949
482	6	0	-9.248349	-5.913073	-1.805637
483	1	0	-10.831050	-4.453174	-2.160842
484	6	0	-9.212684	-4.147329	-3.523441
485	8	0	-8.046102	-6.147180	-1.605500
486	7	0	-10.218723	-6.854154	-1.786057
487	1	0	-9.546243	-3.127322	-3.833317
488	1	0	-8.095287	-4.180136	-3.546225
489	1	0	-9.605494	-4.889394	-4.260769
490	1	0	-11.195491	-6.559365	-1.868504
491	6	0	-9.927931	-8.280343	-1.557363
492	6	0	-10.102834	-9.066200	-2.884244
493	1	0	-8.886104	-8.342262	-1.221822
494	6	0	-10.829972	-8.908617	-0.524829
495	8	0	-11.196438	-9.096811	-3.473492
496	7	0	-9.004561	-9.704411	-3.328291
497	1	0	-10.755658	-8.370366	0.451106
498	1	0	-11.898042	-8.891928	-0.861795
499	1	0	-10.525403	-9.972453	-0.369420
500	1	0	-8.122273	-9.623910	-2.818757
501	6	0	-9.024552	-10.486529	-4.556177
502	1	0	-8.062236	-10.994009	-4.659165
503	1	0	-9.825695	-11.233379	-4.529102
504	1	0	-9.187979	-9.848151	-5.433177

P Pl (Ac-AAAAAA-NHMe)<sub>8</sub>

1	6	0	-1.640772	11.558430	1.504184
2	6	0	-2.470030	10.436293	0.898169
3	1	0	-2.117517	12.512705	1.257258
4	1	0	-1.661464	11.452785	2.594460
5	1	0	-0.606447	11.554648	1.151823
6	8	0	-3.683810	10.334779	1.145224
7	7	0	-1.788646	9.577212	0.099788
8	1	0	-0.795128	9.743032	-0.076957
9	6	0	-2.441154	8.434463	-0.555052
10	6	0	-1.728234	7.131530	-0.120833
11	6	0	-2.403112	8.494995	-2.063340
12	1	0	-3.483130	8.426609	-0.217705
13	8	0	-0.500362	7.009741	-0.258418
14	7	0	-2.537999	6.172142	0.378486
15	1	0	-2.908365	9.419199	-2.434886
16	1	0	-1.350316	8.487626	-2.439451
17	1	0	-2.936337	7.605742	-2.479894
18	1	0	-3.530759	6.379459	0.525578
19	6	0	-2.016716	4.875141	0.837134
20	6	0	-2.757222	3.738761	0.092728
21	6	0	-2.199321	4.641660	2.318123
22	1	0	-0.949174	4.853759	0.595609
23	8	0	-3.995657	3.674266	0.113639
24	7	0	-1.960584	2.843183	-0.530275
25	1	0	-3.283067	4.644748	2.594250
26	1	0	-1.765235	3.648760	2.590391
27	1	0	-1.678127	5.432659	2.909993
28	1	0	-0.949305	3.000911	-0.549134
29	6	0	-2.504784	1.672730	-1.236930
30	6	0	-1.874594	0.397561	-0.629230
31	6	0	-2.215897	1.670101	-2.718378
32	1	0	-3.588014	1.674584	-1.077006
33	8	0	-0.640439	0.269341	-0.583455
34	7	0	-2.753281	-0.526356	-0.186212
35	1	0	-2.647500	2.577271	-3.206688
36	1	0	-1.115021	1.649244	-2.912845
37	1	0	-2.676433	0.763150	-3.180911
38	1	0	-3.756127	-0.316242	-0.208025
39	6	0	-2.314344	-1.797030	0.411270
40	6	0	-2.927798	-2.966874	-0.394195
41	6	0	-2.735682	-1.963261	1.851614

42	1	0	-1.221838	-1.823842	0.346356
43	8	0	-4.152593	-3.030351	-0.575705
44	7	0	-2.042915	-3.884643	-0.841104
45	1	0	-2.315327	-1.143846	2.483656
46	1	0	-3.849802	-1.952597	1.947718
47	1	0	-2.354572	-2.940853	2.235779
48	1	0	-1.042010	-3.721992	-0.702112
49	6	0	-2.463731	-5.075622	-1.595870
50	6	0	-2.012835	-6.337605	-0.822197
51	6	0	-1.875126	-5.149558	-2.983538
52	1	0	-3.556487	-5.043004	-1.663896
53	8	0	-0.816771	-6.512072	-0.538339
54	7	0	-3.002761	-7.199929	-0.506948
55	1	0	-2.170468	-4.256977	-3.586664
56	1	0	-0.758751	-5.200452	-2.943681
57	1	0	-2.254801	-6.067296	-3.495691
58	1	0	-3.970985	-6.963039	-0.742736
59	6	0	-2.744972	-8.459999	0.210419
60	6	0	-3.018608	-9.648771	-0.742621
61	6	0	-3.605934	-8.632892	1.436513
62	1	0	-1.688465	-8.447363	0.501442
63	8	0	-4.152135	-9.847555	-1.210188
64	7	0	-1.956135	-10.428017	-1.017808
65	1	0	-3.341680	-9.595309	1.938932
66	1	0	-3.443275	-7.796583	2.158801
67	1	0	-4.690090	-8.662263	1.162320
68	1	0	-1.038896	-10.201067	-0.628078
69	6	0	-2.064981	-11.578800	-1.903026
70	1	0	-1.118160	-12.123850	-1.881276
71	1	0	-2.872043	-12.244002	-1.576909
72	1	0	-2.276165	-11.270670	-2.934614
73	8	0	0.652083	-9.980280	0.015857
74	6	0	1.774568	-9.710891	0.474247
75	7	0	2.840796	-10.523561	0.350149
76	6	0	2.031297	-8.389774	1.238807
77	1	0	3.746475	-10.239368	0.728655
78	6	0	2.748786	-11.799179	-0.345939
79	6	0	1.145615	-8.373870	2.459571
80	1	0	3.081437	-8.331570	1.546251
81	7	0	1.793123	-7.254282	0.331816
82	1	0	3.697245	-12.328630	-0.227159
83	1	0	1.939912	-12.410771	0.068827
84	1	0	2.550657	-11.656244	-1.415389

85	1	0	1.396583	-9.248844	3.107625
86	1	0	1.297042	-7.437619	3.049541
87	1	0	0.066949	-8.444030	2.171668
88	1	0	0.833069	-7.066646	0.027987
89	6	0	2.785658	-6.425293	-0.055447
90	8	0	3.968736	-6.533109	0.305675
91	6	0	2.358734	-5.294621	-1.021680
92	6	0	2.983308	-5.575341	-2.366456
93	1	0	1.268318	-5.274666	-1.123075
94	7	0	2.761838	-4.003683	-0.442238
95	1	0	2.706163	-4.783692	-3.104185
96	1	0	4.098050	-5.618188	-2.290546
97	1	0	2.614353	-6.559976	-2.744787
98	1	0	3.757511	-3.823739	-0.289887
99	6	0	1.866396	-3.034083	-0.154261
100	8	0	0.647532	-3.125389	-0.363011
101	6	0	2.458241	-1.766005	0.505005
102	6	0	1.997175	-1.743315	1.942954
103	1	0	3.551928	-1.799955	0.475693
104	7	0	2.040833	-0.584079	-0.264724
105	1	0	2.404518	-0.849232	2.474321
106	1	0	2.363232	-2.662984	2.461330
107	1	0	0.880967	-1.718821	2.006484
108	1	0	1.039385	-0.381930	-0.348229
109	6	0	2.935335	0.292122	-0.769030
110	8	0	4.166718	0.180486	-0.653852
111	6	0	2.329574	1.487286	-1.542128
112	6	0	2.686882	1.325335	-2.999444
113	1	0	1.240155	1.498389	-1.432337
114	7	0	2.838870	2.731699	-0.943959
115	1	0	2.275861	2.170334	-3.603371
116	1	0	2.250794	0.369699	-3.380507
117	1	0	3.795639	1.291973	-3.139864
118	1	0	3.849136	2.895554	-0.943135
119	6	0	2.015622	3.676739	-0.439784
120	8	0	0.777776	3.602841	-0.451134
121	6	0	2.723108	4.892012	0.204983
122	6	0	2.486639	4.819659	1.694732
123	1	0	3.798964	4.853870	0.005861
124	7	0	2.212968	6.125923	-0.412469
125	1	0	1.393409	4.843231	1.929053
126	1	0	2.914927	3.866148	2.089438
127	1	0	2.981678	5.674992	2.215312



128	6	0	3.036046	7.030373	-0.986772
129	1	0	1.213393	6.336986	-0.332024
130	6	0	2.332347	8.262512	-1.602606
131	8	0	4.269568	6.908046	-1.057417
132	7	0	2.954563	9.482580	-1.069754
133	6	0	2.424720	8.137248	-3.104801
134	1	0	1.278504	8.285039	-1.305220
135	1	0	3.957473	9.623323	-1.211689
136	6	0	2.233911	10.443202	-0.439434
137	1	0	1.927611	9.003494	-3.604798
138	1	0	3.490411	8.094722	-3.439924
139	1	0	1.912142	7.198110	-3.427111
140	8	0	1.006825	10.376417	-0.253832
141	6	0	3.034601	11.638643	0.054448
142	1	0	2.589752	12.548420	-0.362025
143	1	0	2.936608	11.693799	1.144154
144	1	0	4.090653	11.580221	-0.220148
145	8	0	5.408219	-9.883099	1.411676
146	6	0	6.495518	-9.539848	1.903679
147	6	0	6.702525	-8.115949	2.474929
148	7	0	7.564260	-10.355137	1.984875
149	7	0	6.520507	-7.129743	1.396238
150	6	0	5.741536	-7.925975	3.621782
151	1	0	7.730862	-8.003594	2.836284
152	1	0	8.439046	-10.010420	2.384339
153	6	0	7.517015	-11.724430	1.491533
154	1	0	5.576932	-6.984036	1.024217
155	6	0	7.540230	-6.378943	0.931717
156	1	0	5.950038	-8.692876	4.407286
157	1	0	5.856641	-6.911278	4.074282
158	1	0	4.682969	-8.046757	3.280877
159	1	0	8.439253	-12.231911	1.784746
160	1	0	6.660056	-12.259140	1.915344
161	1	0	7.426467	-11.751824	0.398563
162	6	0	7.175322	-5.389668	-0.199590
163	8	0	8.707283	-6.446144	1.352066
164	7	0	7.544034	-4.032317	0.235212
165	6	0	7.883100	-5.836633	-1.454891
166	1	0	6.093560	-5.388464	-0.370718
167	6	0	6.635310	-3.036218	0.326365
168	1	0	8.526039	-3.830845	0.438209
169	1	0	7.657071	-5.146408	-2.303574
170	1	0	8.990499	-5.865569	-1.302878

171	1	0	7.534860	-6.862859	-1.727641
172	6	0	7.182770	-1.690995	0.859882
173	8	0	5.435562	-3.160256	0.040157
174	7	0	6.821383	-0.616500	-0.077391
175	6	0	6.621141	-1.492481	2.247832
176	1	0	8.275731	-1.720363	0.911638
177	6	0	7.749708	0.188601	-0.635647
178	1	0	5.827818	-0.427241	-0.245177
179	1	0	6.988568	-0.534675	2.689694
180	1	0	5.503077	-1.471180	2.229331
181	1	0	6.950491	-2.336029	2.902352
182	6	0	7.196240	1.280668	-1.581356
183	8	0	8.972297	0.090176	-0.440098
184	7	0	7.666168	2.591320	-1.103256
185	6	0	7.646965	0.950842	-2.983371
186	1	0	6.101976	1.298094	-1.543774
187	6	0	6.811423	3.584283	-0.772128
188	1	0	8.673840	2.763323	-1.063126
189	1	0	7.277568	1.716527	-3.707913
190	1	0	8.762491	0.907629	-3.046758
191	1	0	7.234885	-0.045485	-3.276900
192	6	0	7.475953	4.877756	-0.242306
193	8	0	5.577248	3.497734	-0.849541
194	7	0	6.984761	6.025056	-1.020921
195	6	0	7.168154	4.976285	1.232631
196	1	0	8.560569	4.833028	-0.385248
197	6	0	7.818737	6.825252	-1.719524
198	1	0	5.985300	6.248962	-0.987335
199	1	0	6.064554	5.009260	1.410865
200	1	0	7.587071	4.082580	1.756299
201	1	0	7.627542	5.894737	1.672053
202	6	0	7.132732	7.980907	-2.486461
203	8	0	9.049725	6.670484	-1.779554
204	7	0	7.735847	9.253008	-2.063569
205	1	0	6.069656	8.030268	-2.227400
206	6	0	7.277092	7.700143	-3.963000
207	6	0	6.998430	10.269100	-1.549801
208	1	0	8.738361	9.389768	-2.209726
209	1	0	8.354069	7.625974	-4.254088
210	1	0	6.775922	6.730797	-4.203323
211	1	0	6.798236	8.507799	-4.567864
212	6	0	7.786532	11.510866	-1.160409
213	8	0	5.768370	10.216142	-1.384168

214	1	0	7.332308	12.377367	-1.651830
215	1	0	7.688980	11.657171	-0.079033
216	1	0	8.843444	11.440352	-1.428973
217	1	0	10.226630	-6.782511	2.252741
218	7	0	11.138637	-6.829064	2.718935
219	6	0	12.167783	-6.106890	2.232562
220	6	0	11.245188	-7.581811	3.980244
221	6	0	11.898428	-5.354997	0.907800
222	8	0	13.282040	-6.028783	2.774500
223	6	0	11.069868	-9.093907	3.700812
224	6	0	10.215032	-7.176944	5.005708
225	1	0	12.247323	-7.386445	4.376840
226	7	0	12.293829	-3.948677	1.087219
227	6	0	12.655498	-6.059468	-0.190414
228	1	0	10.827889	-5.364519	0.677079
229	8	0	10.042197	-9.530701	3.158498
230	7	0	12.088994	-9.878054	4.104022
231	1	0	10.369842	-7.772475	5.938518
232	1	0	10.307166	-6.092231	5.255965
233	1	0	9.179212	-7.369293	4.629851
234	6	0	11.392717	-2.941134	1.054094
235	1	0	13.277747	-3.736720	1.258970
236	1	0	12.494117	-5.549796	-1.171338
237	1	0	13.752666	-6.078507	0.024651
238	1	0	12.289782	-7.112385	-0.271682
239	1	0	12.933499	-9.462663	4.501339
240	6	0	12.055516	-11.324102	3.929548
241	6	0	11.957891	-1.543238	1.393737
242	8	0	10.188806	-3.094297	0.803834
243	1	0	12.879858	-11.762022	4.497443
244	1	0	11.107412	-11.731115	4.295476
245	1	0	12.160190	-11.603047	2.873457
246	7	0	11.609565	-0.603470	0.317432
247	6	0	11.410008	-1.148935	2.744847
248	1	0	13.050850	-1.577116	1.444217
249	6	0	12.551112	0.145601	-0.295044
250	1	0	10.619529	-0.449071	0.098573
251	1	0	11.790408	-0.143061	3.046923
252	1	0	10.292304	-1.118279	2.731179
253	1	0	11.736530	-1.896953	3.507929
254	6	0	12.031730	1.083519	-1.412972
255	8	0	13.763338	0.092621	-0.028009
256	7	0	12.501262	2.454567	-1.153230

257	6	0	12.509875	0.526445	-2.732082
258	1	0	10.936832	1.111161	-1.402703
259	1	0	13.502617	2.647774	-1.221936
260	6	0	11.643033	3.481356	-0.950477
261	1	0	12.163720	1.165371	-3.580430
262	1	0	12.095052	-0.502079	-2.869041
263	1	0	13.626992	0.467023	-2.762450
264	6	0	12.306639	4.845077	-0.647742
265	8	0	10.409235	3.371275	-0.967139
266	7	0	11.782862	5.854729	-1.581439
267	6	0	12.045332	5.166371	0.804388
268	1	0	13.386683	4.790680	-0.817126
269	6	0	12.609769	6.623781	-2.324067
270	1	0	10.774877	6.040556	-1.594579
271	1	0	10.947938	5.218951	1.012447
272	1	0	12.491173	4.366734	1.444874
273	1	0	12.508020	6.144472	1.081876
274	6	0	11.905118	7.610279	-3.289719
275	8	0	13.848939	6.539534	-2.293995
276	7	0	12.480465	8.955439	-3.146919
277	6	0	12.043506	7.042799	-4.683098
278	1	0	10.842793	7.689484	-3.033822
279	1	0	13.449204	9.113195	-3.428418
280	6	0	11.733411	10.023264	-2.763753
281	1	0	11.550420	7.708077	-5.432638
282	1	0	11.553019	6.039488	-4.721698
283	1	0	13.120470	6.924069	-4.964428
284	6	0	12.478608	11.346526	-2.682076
285	8	0	10.527726	9.951719	-2.477514
286	1	0	11.914251	12.095444	-3.246664
287	1	0	12.495808	11.668239	-1.634777
288	1	0	13.500247	11.282444	-3.063741
289	1	0	14.825325	-6.059815	3.597117
290	7	0	15.739018	-6.190272	4.040932
291	6	0	16.872734	-6.008683	3.325467
292	6	0	15.772773	-6.839934	5.364192
293	6	0	16.654978	-5.381814	1.926235
294	8	0	18.007152	-6.298409	3.736168
295	6	0	15.714328	-8.374151	5.146297
296	6	0	14.647608	-6.412161	6.264095
297	1	0	16.733962	-6.577239	5.823822
298	7	0	17.108449	-3.977647	1.950261
299	6	0	17.378212	-6.226945	0.909469

300	1	0	15.586003	-5.347731	1.688664
301	8	0	14.653703	-9.016008	5.168667
302	7	0	16.924870	-8.928712	4.887955
303	1	0	14.737603	-6.949112	7.240197
304	1	0	14.685268	-5.311687	6.452405
305	1	0	13.654280	-6.665375	5.816825
306	6	0	16.279813	-2.929174	1.700412
307	1	0	18.091106	-3.803000	2.120643
308	1	0	17.272765	-5.796306	-0.115853
309	1	0	18.465967	-6.310626	1.155282
310	1	0	16.938824	-7.254603	0.909543
311	1	0	17.690941	-8.281421	4.714445
312	6	0	17.081773	-10.327293	4.512886
313	6	0	16.936068	-1.531847	1.794791
314	8	0	15.078166	-3.056682	1.441985
315	1	0	18.078832	-10.671779	4.803024
316	1	0	16.329719	-10.921763	5.036424
317	1	0	16.953741	-10.479028	3.432727
318	7	0	16.454693	-0.712666	0.679921
319	6	0	16.636002	-0.973016	3.165987
320	1	0	18.025130	-1.598812	1.678289
321	6	0	17.298490	0.073876	-0.042728
322	1	0	15.446543	-0.618062	0.536039
323	1	0	17.106882	0.032827	3.289377
324	1	0	17.051170	-1.657765	3.945253
325	1	0	15.535224	-0.871935	3.330226
326	6	0	16.613696	0.808335	-1.219255
327	8	0	18.510928	0.181146	0.161181
328	7	0	17.231798	2.133284	-1.365872
329	6	0	16.732455	-0.061845	-2.447700
330	1	0	15.552392	0.962937	-1.002763
331	6	0	16.504897	3.271856	-1.461186
332	1	0	18.242165	2.174560	-1.291825
333	1	0	16.237179	0.425970	-3.322723
334	1	0	16.223524	-1.037847	-2.253024
335	1	0	17.800464	-0.260802	-2.708168
336	6	0	17.324006	4.582004	-1.503034
337	8	0	15.267648	3.294147	-1.490390
338	7	0	16.614652	5.544029	-2.348505
339	6	0	17.556029	5.036606	-0.080550
340	1	0	18.301623	4.411855	-1.971815
341	1	0	15.607035	5.662053	-2.221176
342	6	0	17.278389	6.387269	-3.180175

343	1	0	16.590886	5.227569	0.448879
344	1	0	18.118713	4.247633	0.475813
345	1	0	18.158748	5.977755	-0.067418
346	6	0	16.354917	7.270693	-4.050417
347	8	0	18.508025	6.446472	-3.288957
348	7	0	17.045522	8.545280	-4.273707
349	6	0	16.021532	6.511867	-5.312993
350	1	0	15.421418	7.477903	-3.518205
351	6	0	16.417618	9.744691	-4.198203
352	1	0	18.055602	8.491371	-4.342050
353	1	0	15.373661	7.130340	-5.981495
354	1	0	15.462268	5.582873	-5.041033
355	1	0	16.942585	6.225587	-5.876191
356	6	0	17.305408	10.970585	-4.352249
357	8	0	15.196048	9.860770	-4.015457
358	1	0	16.939983	11.563150	-5.196915
359	1	0	17.210944	11.585399	-3.451486
360	1	0	18.359775	10.726119	-4.512951
361	8	0	-14.670482	6.812353	2.203974
362	6	0	-15.740608	7.041183	2.789945
363	6	0	-16.298769	8.479269	2.920152
364	7	0	-16.487461	6.092555	3.401808
365	7	0	-15.763237	9.073286	4.157031
366	1	0	-17.389535	8.438250	3.032818
367	6	0	-15.938683	9.263709	1.687996
368	1	0	-17.278876	6.404203	3.958236
369	6	0	-16.065451	4.685762	3.484660
370	6	0	-16.379924	8.845595	5.348519
371	1	0	-14.820452	9.468741	4.119408
372	1	0	-14.828065	9.338232	1.570399
373	1	0	-16.352625	8.744402	0.789463
374	1	0	-16.363868	10.295370	1.737199
375	6	0	-16.985868	3.803818	2.597419
376	6	0	-16.119257	4.134419	4.888236
377	1	0	-15.035752	4.638059	3.114188
378	6	0	-15.705606	9.477777	6.557470
379	8	0	-17.425898	8.187840	5.451705
380	8	0	-18.213730	3.889766	2.651828
381	7	0	-16.313282	2.911114	1.814044
382	1	0	-17.160455	4.161231	5.294877
383	1	0	-15.770031	3.072767	4.877311
384	1	0	-15.455233	4.719006	5.570383
385	1	0	-16.383253	10.226060	6.982589

386	1	0	-15.549035	8.705338	7.316942
387	1	0	-14.751409	9.951018	6.308292
388	1	0	-15.299895	2.989758	1.711816
389	6	0	-17.036144	1.989507	0.935804
390	6	0	-16.285177	0.640554	0.891226
391	1	0	-18.034605	1.861702	1.373158
392	6	0	-17.207553	2.470386	-0.487684
393	8	0	-15.046834	0.593216	0.889915
394	7	0	-17.071001	-0.459593	0.818166
395	1	0	-16.219949	2.621541	-0.987488
396	1	0	-17.791060	1.715617	-1.069171
397	1	0	-17.764633	3.439229	-0.503653
398	1	0	-18.079578	-0.368906	0.761856
399	6	0	-16.527213	-1.811614	0.637482
400	6	0	-17.339944	-2.515387	-0.474274
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403	8	0	-18.547879	-2.304102	-0.616774
404	7	0	-16.616016	-3.395139	-1.215124
405	1	0	-17.632233	-2.824145	2.225602
406	1	0	-16.126971	-3.665063	1.654774
407	1	0	-16.000608	-2.194362	2.708002
408	1	0	-15.596888	-3.392717	-1.142911
409	6	0	-17.234398	-4.194331	-2.273592
410	6	0	-16.470018	-5.532672	-2.388769
411	1	0	-18.274264	-4.377878	-1.973354
412	6	0	-17.254245	-3.539484	-3.636249
413	8	0	-15.268447	-5.613351	-2.093190
414	7	0	-17.197971	-6.573660	-2.850044
415	1	0	-17.804855	-2.567574	-3.587061
416	1	0	-16.220390	-3.341481	-4.009961
417	1	0	-17.776891	-4.204459	-4.366463
418	1	0	-18.145880	-6.427097	-3.183814
419	6	0	-16.601218	-7.870185	-3.198861
420	6	0	-17.066032	-8.232361	-4.631049
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422	6	0	-16.987712	-8.994461	-2.269422
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424	7	0	-16.149574	-8.929939	-5.346124
425	1	0	-16.695210	-8.755776	-1.217585
426	1	0	-18.087676	-9.187964	-2.296311
427	1	0	-16.451876	-9.923841	-2.583886
428	1	0	-15.213240	-9.027024	-4.953743

429	6	0	-16.407484	-9.388460	-6.702273
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431	1	0	-17.461228	-9.213917	-6.929277
432	1	0	-15.795005	-8.840935	-7.430427
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435	6	0	-7.183315	8.476999	0.769186
436	7	0	-7.229137	6.120306	1.424303
437	7	0	-6.482421	9.538684	1.504998
438	1	0	-8.197391	8.423332	1.178715
439	6	0	-7.261155	8.711254	-0.720960
440	1	0	-8.202247	6.313721	1.681194
441	6	0	-6.696560	4.771191	1.664138
442	6	0	-7.132649	10.369990	2.357309
443	1	0	-5.488848	9.693978	1.318718
444	1	0	-6.240767	8.759223	-1.174769
445	1	0	-7.823104	7.870284	-1.196012
446	1	0	-7.796461	9.666220	-0.942608
447	6	0	-7.495172	3.745467	0.822143
448	6	0	-6.782934	4.335880	3.107851
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453	7	0	-6.738531	2.908975	0.077712
454	1	0	-7.844731	4.310756	3.457355
455	1	0	-6.349603	3.311017	3.209716
456	1	0	-6.207759	5.032482	3.764877
457	1	0	-6.713012	12.396443	2.888197
458	1	0	-6.273065	11.211630	4.122022
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472	6	0	-7.739767	-2.873947	-0.466629
473	1	0	-6.019002	-1.837081	0.390875
474	6	0	-7.513352	-2.166009	1.887481
475	8	0	-8.970448	-2.934116	-0.606137
476	7	0	-6.861635	-3.694713	-1.082781
477	1	0	-8.626250	-2.169869	1.997600
478	1	0	-7.127380	-3.183594	2.140620
479	1	0	-7.085508	-1.432005	2.612577
480	1	0	-5.857902	-3.546419	-0.948066
481	6	0	-7.296738	-4.755103	-2.004552
482	6	0	-6.825483	-6.124334	-1.458342
483	1	0	-8.390882	-4.720792	-2.042221
484	6	0	-6.742024	-4.603673	-3.400374
485	8	0	-5.630794	-6.322139	-1.185059
486	7	0	-7.797784	-7.053010	-1.332392
487	1	0	-7.056924	-3.629687	-3.847477
488	1	0	-5.624785	-4.649663	-3.395786
489	1	0	-7.130051	-5.432129	-4.042112
490	1	0	-8.766722	-6.795556	-1.539980
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494	6	0	-8.375598	-8.829468	0.312907
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497	1	0	-8.226505	-8.138069	1.177415
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504	1	0	-6.797381	-10.695186	-4.422209
505	8	0	-9.847067	6.968015	2.130663
506	6	0	-11.085074	7.062529	2.110578
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519	6	0	-12.235762	3.665540	1.674617
520	6	0	-11.583047	4.230968	3.985742
521	1	0	-10.372790	4.639792	2.271114
522	6	0	-11.035462	11.100090	4.511934
523	8	0	-13.060664	9.959404	3.880639
524	8	0	-13.466449	3.580879	1.789517
525	7	0	-11.498580	2.915750	0.822283
526	1	0	-12.659323	4.212954	4.288712
527	1	0	-11.162340	3.203354	4.110069
528	1	0	-11.031122	4.926314	4.663502
529	1	0	-11.509891	12.084303	4.438715
530	1	0	-11.084223	10.788933	5.561226
531	1	0	-9.992249	11.163485	4.192979
532	1	0	-10.492579	3.085826	0.748221
533	6	0	-12.126875	1.932496	-0.072294
534	6	0	-11.492133	0.542768	0.167143
535	1	0	-13.191571	1.912313	0.182058
536	6	0	-11.969420	2.257845	-1.538521
537	8	0	-10.262644	0.389232	0.099570
538	7	0	-12.372434	-0.453505	0.412197
539	1	0	-10.891130	2.274538	-1.833284
540	1	0	-12.492652	1.479787	-2.146316
541	1	0	-12.418667	3.253530	-1.772187
542	1	0	-13.359473	-0.218122	0.544838
543	6	0	-11.947591	-1.849851	0.607947
544	6	0	-12.565465	-2.731071	-0.508353
545	1	0	-10.854460	-1.865580	0.541391
546	6	0	-12.382714	-2.425543	1.933751
547	8	0	-13.788588	-2.719504	-0.713273
548	7	0	-11.688644	-3.504572	-1.189000
549	1	0	-13.498800	-2.439677	2.018806
550	1	0	-12.006612	-3.474177	2.020420
551	1	0	-11.968549	-1.827166	2.781130
552	1	0	-10.684634	-3.387250	-1.027411
553	6	0	-12.128529	-4.370441	-2.293875
554	6	0	-11.633819	-5.817262	-2.056880
555	1	0	-13.222704	-4.341047	-2.297441
556	6	0	-11.614551	-3.935241	-3.645967
557	8	0	-10.430185	-6.062003	-1.880077

558	7	0	-12.602067	-6.759833	-2.101334
559	1	0	-11.953706	-2.897492	-3.882042
560	1	0	-10.497203	-3.961930	-3.678058
561	1	0	-12.009626	-4.625777	-4.430614
562	1	0	-13.579628	-6.462167	-2.159252
563	6	0	-12.307559	-8.198824	-1.984444
564	6	0	-12.484470	-8.878703	-3.368284
565	1	0	-11.264612	-8.284947	-1.657832
566	6	0	-13.205889	-8.907264	-1.001848
567	8	0	-13.580322	-8.868389	-3.954181
568	7	0	-11.384853	-9.472831	-3.866753
569	1	0	-13.129764	-8.446595	0.012886
570	1	0	-14.274858	-8.866192	-1.333784
571	1	0	-12.899270	-9.979443	-0.930647
572	1	0	-10.502228	-9.434064	-3.352887
573	6	0	-11.407043	-10.152749	-5.154028
574	1	0	-10.427717	-10.607387	-5.322334
575	1	0	-12.175159	-10.934255	-5.171181
576	1	0	-11.621536	-9.451593	-5.969604

P PI (Ac-AAAAAA-NHMe),

1	6	0	5.307564	11.628441	-0.554548
2	6	0	4.528703	10.398046	-0.994715
3	1	0	4.855987	12.509411	-1.022363
4	1	0	5.196191	11.738298	0.529766
5	1	0	6.367665	11.570156	-0.813306
6	8	0	3.298818	10.328429	-0.830185
7	7	0	5.272250	9.410627	-1.553028
8	1	0	6.275455	9.556612	-1.687690
9	6	0	4.674479	8.154237	-2.026073
10	6	0	5.376897	6.968651	-1.323127
11	6	0	4.802351	7.941692	-3.515789
12	1	0	3.614052	8.182409	-1.753635
13	8	0	6.611978	6.850545	-1.368491
14	7	0	4.551464	6.096890	-0.703354
15	1	0	4.308267	8.771266	-4.077184
16	1	0	5.875923	7.891513	-3.823813
17	1	0	4.306783	6.979437	-3.793351
18	1	0	3.549202	6.304058	-0.653048
19	6	0	5.060608	4.907633	-0.002673
20	6	0	4.375890	3.648446	-0.585192
21	6	0	4.796687	4.923371	1.484063
22	1	0	6.140337	4.868402	-0.179701
23	8	0	3.139109	3.562777	-0.615692
24	7	0	5.216595	2.682015	-1.014510
25	1	0	3.699010	4.949002	1.696399
26	1	0	5.226859	4.000389	1.943918
27	1	0	5.273075	5.814224	1.960601
28	1	0	6.225091	2.856983	-1.008806
29	6	0	4.729031	1.401368	-1.551675
30	6	0	5.333468	0.255265	-0.706451
31	6	0	5.111748	1.164243	-2.992268
32	1	0	3.637946	1.407312	-1.459937
33	8	0	6.563974	0.159426	-0.570550
34	7	0	4.438950	-0.599376	-0.166426
35	1	0	4.702685	1.970818	-3.647839
36	1	0	6.222988	1.134900	-3.112872
37	1	0	4.691239	0.184812	-3.327659
38	1	0	3.437331	-0.408728	-0.272039
39	6	0	4.854333	-1.734579	0.671914
40	6	0	4.281751	-3.042083	0.075155
41	6	0	4.371678	-1.637991	2.099740

42	1	0	5.948595	-1.760805	0.660116
43	8	0	3.066886	-3.154922	-0.146723
44	7	0	5.187996	-4.019890	-0.143252
45	1	0	4.762767	-0.712244	2.587272
46	1	0	3.254429	-1.621044	2.145671
47	1	0	4.738214	-2.524350	2.672896
48	1	0	6.180610	-3.823130	0.009039
49	6	0	4.801808	-5.342971	-0.658590
50	6	0	5.239149	-6.418655	0.363764
51	6	0	5.433883	-5.683524	-1.986024
52	1	0	3.711658	-5.340567	-0.764031
53	8	0	6.423821	-6.498218	0.726821
54	7	0	4.254615	-7.235023	0.795629
55	1	0	5.150356	-4.932934	-2.763178
56	1	0	6.548789	-5.709939	-1.904912
57	1	0	5.077277	-6.689955	-2.315682
58	1	0	3.292176	-7.070916	0.485844
59	6	0	4.505309	-8.323322	1.755798
60	6	0	4.253388	-9.681170	1.056763
61	6	0	3.626152	-8.254052	2.979318
62	1	0	5.556696	-8.243407	2.054064
63	8	0	3.129208	-9.981155	0.621895
64	7	0	5.325837	-10.489248	0.959704
65	1	0	3.887144	-9.094465	3.667894
66	1	0	3.773791	-7.289005	3.521951
67	1	0	2.546502	-8.346007	2.701423
68	1	0	6.231940	-10.181348	1.318247
69	6	0	5.238967	-11.795370	0.321934
70	1	0	6.200120	-12.302289	0.436754
71	1	0	4.453412	-12.403433	0.784346
72	1	0	5.009342	-11.701515	-0.746518
73	8	0	7.896166	-9.781712	1.971352
74	6	0	8.986980	-9.409547	2.433811
75	7	0	10.062055	-10.213629	2.539373
76	6	0	9.191157	-7.959847	2.937318
77	1	0	10.939452	-9.845228	2.911045
78	6	0	10.018612	-11.604524	2.110227
79	6	0	8.243385	-7.724766	4.086868
80	1	0	10.223147	-7.824301	3.279826
81	7	0	8.988105	-7.024837	1.817658
82	1	0	10.943004	-12.094887	2.425027
83	1	0	9.164082	-12.121284	2.560220
84	1	0	9.926377	-11.683457	1.019847

85	1	0	8.467596	-8.453774	4.903501
86	1	0	8.356548	-6.689811	4.491436
87	1	0	7.181540	-7.868247	3.765519
88	1	0	8.039256	-6.904479	1.450175
89	6	0	9.994417	-6.284145	1.309666
90	8	0	11.166312	-6.319485	1.720160
91	6	0	9.606357	-5.351025	0.138839
92	6	0	10.299308	-5.851615	-1.104488
93	1	0	8.522302	-5.365818	-0.016395
94	7	0	9.971399	-3.972405	0.503710
95	1	0	10.055568	-5.203777	-1.981222
96	1	0	11.409007	-5.865415	-0.967867
97	1	0	9.955172	-6.892010	-1.323472
98	1	0	10.955442	-3.754714	0.678383
99	6	0	9.056588	-2.979722	0.567618
100	8	0	7.852112	-3.125035	0.312609
101	6	0	9.605056	-1.607030	1.024531
102	6	0	9.061180	-1.338921	2.407712
103	1	0	10.698757	-1.629748	1.062616
104	7	0	9.226804	-0.584176	0.037211
105	1	0	9.429868	-0.357916	2.794156
106	1	0	9.403337	-2.145942	3.100601
107	1	0	7.942954	-1.323354	2.403346
108	1	0	8.230474	-0.412747	-0.133023
109	6	0	10.143702	0.199675	-0.568381
110	8	0	11.368331	0.122589	-0.376856
111	6	0	9.574031	1.235690	-1.566147
112	6	0	10.014699	0.833342	-2.952431
113	1	0	8.480066	1.247457	-1.519597
114	7	0	10.038874	2.573397	-1.164519
115	1	0	9.632686	1.555664	-3.714011
116	1	0	9.607923	-0.180526	-3.187447
117	1	0	11.129925	0.795076	-3.023940
118	1	0	11.045586	2.754407	-1.145710
119	6	0	9.180417	3.577321	-0.879148
120	8	0	7.946074	3.478218	-0.936886
121	6	0	9.841288	4.903377	-0.432235
122	6	0	9.545125	5.088191	1.036714
123	1	0	10.924907	4.856513	-0.581764
124	7	0	9.336825	5.999145	-1.274192
125	1	0	8.442913	5.125031	1.222236
126	1	0	9.974220	4.229953	1.609207
127	1	0	10.002152	6.034048	1.416400

128	6	0	10.161262	6.764807	-2.021292
129	1	0	8.335260	6.214562	-1.251675
130	6	0	9.462809	7.868580	-2.850910
131	8	0	11.393332	6.617359	-2.077027
132	7	0	10.054944	9.168104	-2.502305
133	6	0	9.606739	7.505614	-4.309477
134	1	0	8.399838	7.922769	-2.592371
135	1	0	11.056453	9.304572	-2.655759
136	6	0	9.308665	10.206135	-2.048608
137	1	0	9.119035	8.273082	-4.958022
138	1	0	10.683761	7.424964	-4.598676
139	1	0	9.114200	6.519568	-4.492974
140	8	0	8.078804	10.152904	-1.881541
141	6	0	10.086368	11.474141	-1.729335
142	1	0	9.620717	12.309452	-2.262194
143	1	0	9.993536	11.675445	-0.656375
144	1	0	11.142538	11.399599	-1.999697
145	8	0	12.549573	-9.316592	3.637325
146	6	0	13.581459	-8.852329	4.147852
147	6	0	13.755187	-7.328389	4.354476
148	7	0	14.606486	-9.613968	4.578293
149	7	0	13.620912	-6.633387	3.063299
150	6	0	12.743203	-6.881492	5.380673
151	1	0	14.763914	-7.111912	4.722277
152	1	0	15.454389	-9.177744	4.944967
153	6	0	14.574704	-11.066925	4.475186
154	1	0	12.700019	-6.610577	2.613096
155	6	0	14.638474	-5.933475	2.522987
156	1	0	12.918528	-7.434057	6.336022
157	1	0	12.835516	-5.786342	5.580295
158	1	0	11.701176	-7.093946	5.033952
159	1	0	15.402994	-11.475280	5.059153
160	1	0	13.629480	-11.456659	4.866400
161	1	0	14.673836	-11.397469	3.433543
162	6	0	14.339407	-5.241687	1.172420
163	8	0	15.764264	-5.830978	3.036386
164	7	0	14.730690	-3.827022	1.283118
165	6	0	15.078628	-5.990076	0.091217
166	1	0	13.264643	-5.265961	0.963620
167	6	0	13.825323	-2.825341	1.210994
168	1	0	15.715573	-3.603864	1.433990
169	1	0	14.895845	-5.524133	-0.907526
170	1	0	16.179788	-5.995304	0.285597

171	1	0	14.716619	-7.047015	0.062787
172	6	0	14.388211	-1.410664	1.478291
173	8	0	12.619629	-2.994468	0.980265
174	7	0	14.020959	-0.523187	0.364619
175	6	0	13.855920	-0.956665	2.816833
176	1	0	15.481888	-1.437659	1.515976
177	6	0	14.950859	0.194698	-0.300566
178	1	0	13.027154	-0.380976	0.154919
179	1	0	14.235414	0.063641	3.067221
180	1	0	12.737993	-0.931211	2.816377
181	1	0	14.195770	-1.667332	3.609228
182	6	0	14.410390	1.076177	-1.453765
183	8	0	16.167687	0.155455	-0.052851
184	7	0	14.875126	2.460643	-1.265846
185	6	0	14.872845	0.459897	-2.751937
186	1	0	13.315635	1.098981	-1.428727
187	6	0	14.012842	3.491655	-1.105807
188	1	0	15.874693	2.655215	-1.354018
189	1	0	14.509886	1.055595	-3.624375
190	1	0	15.989699	0.405988	-2.796132
191	1	0	14.463163	-0.576526	-2.833666
192	6	0	14.670805	4.872627	-0.878244
193	8	0	12.779621	3.374104	-1.104392
194	7	0	14.133415	5.830201	-1.857983
195	6	0	14.418757	5.266221	0.557618
196	1	0	15.749792	4.815743	-1.053434
197	6	0	14.949462	6.564703	-2.646261
198	1	0	13.124357	6.010001	-1.871583
199	1	0	13.322688	5.322986	0.771518
200	1	0	14.874431	4.502938	1.234504
201	1	0	14.877508	6.259880	0.781106
202	6	0	14.231393	7.497166	-3.654626
203	8	0	16.189268	6.488529	-2.622958
204	7	0	14.797563	8.851893	-3.581830
205	1	0	13.170140	7.581296	-3.395920
206	6	0	14.365563	6.862820	-5.019276
207	6	0	14.044315	9.931846	-3.247992
208	1	0	15.763731	9.002518	-3.875809
209	1	0	15.441660	6.738282	-5.301368
210	1	0	13.882553	5.855251	-5.005299
211	1	0	13.862829	7.486768	-5.797402
212	6	0	14.779676	11.263021	-3.235569
213	8	0	12.840611	9.865507	-2.952288



214	1	0	14.206584	11.979106	-3.833008
215	1	0	14.799950	11.635925	-2.205444
216	1	0	15.799778	11.188008	-3.619396
217	1	0	17.309379	-5.811172	3.856585
218	7	0	18.228603	-5.912082	4.296769
219	6	0	19.353385	-5.753849	3.561644
220	6	0	18.282922	-6.497421	5.648854
221	6	0	19.115922	-5.192789	2.137842
222	8	0	20.494428	-6.014372	3.973473
223	6	0	18.234918	-8.040754	5.504921
224	6	0	17.165328	-6.035919	6.541478
225	1	0	19.247305	-6.205404	6.083340
226	7	0	19.556304	-3.784920	2.095233
227	6	0	19.837980	-6.075455	1.152659
228	1	0	18.044448	-5.179627	1.909658
229	8	0	17.179432	-8.688392	5.568186
230	7	0	19.447886	-8.596923	5.261593
231	1	0	17.273621	-6.522559	7.541813
232	1	0	17.194272	-4.927110	6.674289
233	1	0	16.168816	-6.320628	6.121140
234	6	0	18.715551	-2.755556	1.809485
235	1	0	20.539157	-3.594553	2.246423
236	1	0	19.718618	-5.691981	0.110279
237	1	0	20.928775	-6.137758	1.391243
238	1	0	19.408841	-7.106219	1.202778
239	1	0	20.206652	-7.951610	5.052182
240	6	0	19.616529	-10.010154	4.953034
241	6	0	19.360337	-1.350008	1.832868
242	8	0	17.512134	-2.904292	1.571275
243	1	0	20.600299	-10.344481	5.296295
244	1	0	18.842079	-10.579119	5.471895
245	1	0	19.530538	-10.207138	3.876032
246	7	0	18.868189	-0.590996	0.680531
247	6	0	19.059741	-0.726636	3.175797
248	1	0	20.449514	-1.413281	1.715707
249	6	0	19.702978	0.166746	-0.082272
250	1	0	17.858733	-0.511144	0.536520
251	1	0	19.522230	0.288047	3.247700
252	1	0	19.483254	-1.368505	3.986433
253	1	0	17.958608	-0.627101	3.338656
254	6	0	19.008755	0.837829	-1.290779
255	8	0	20.915052	0.293981	0.112100
256	7	0	19.611570	2.161596	-1.498952

257	6	0	19.137980	-0.086705	-2.477766
258	1	0	17.945745	0.989982	-1.080953
259	6	0	18.872579	3.287277	-1.642486
260	1	0	20.621730	2.216871	-1.431706
261	1	0	18.636133	0.353685	-3.373909
262	1	0	18.641799	-1.059102	-2.237512
263	1	0	20.208352	-0.283885	-2.729814
264	6	0	19.678585	4.602092	-1.747540
265	8	0	17.635078	3.296031	-1.667192
266	7	0	18.960041	5.515355	-2.638173
267	6	0	19.905399	5.126772	-0.348549
268	1	0	20.657958	4.419418	-2.207830
269	1	0	17.952059	5.633093	-2.513410
270	6	0	19.615047	6.319407	-3.514382
271	1	0	18.938109	5.333597	0.170922
272	1	0	20.475247	4.370811	0.245111
273	1	0	20.499034	6.073213	-0.380452
274	6	0	18.682034	7.151169	-4.424604
275	8	0	20.843784	6.381206	-3.631249
276	7	0	19.360963	8.418930	-4.713023
277	6	0	18.351882	6.327957	-5.647053
278	1	0	17.748140	7.376719	-3.900639
279	6	0	18.723888	9.615751	-4.691724
280	1	0	20.371003	8.369884	-4.785238
281	1	0	17.696596	6.906845	-6.343193
282	1	0	17.801721	5.408671	-5.327663
283	1	0	19.273877	6.022240	-6.198373
284	6	0	19.600558	10.839391	-4.912865
285	8	0	17.502636	9.731320	-4.506595
286	1	0	19.228170	11.382548	-5.787207
287	1	0	19.502450	11.500761	-4.046139
288	1	0	20.656713	10.595978	-5.063024
289	8	0	1.827574	6.967152	-0.657327
290	6	0	0.594846	7.078726	-0.561248
291	6	0	-0.125185	8.332207	-1.112119
292	7	0	-0.214157	6.145749	-0.012729
293	7	0	0.493140	9.532410	-0.530984
294	1	0	-1.175690	8.332875	-0.802289
295	6	0	-0.048846	8.276493	-2.619375
296	1	0	-1.213665	6.346138	0.090599
297	6	0	0.312098	4.890651	0.546261
298	6	0	-0.229345	10.458482	0.147352
299	1	0	1.493035	9.689710	-0.677360

300	1	0	1.013297	8.257947	-2.967686
301	1	0	-0.557729	7.348840	-2.978670
302	1	0	-0.558204	9.160522	-3.073828
303	6	0	-0.404640	3.698782	-0.131179
304	6	0	0.105031	4.759610	2.036421
305	1	0	1.383946	4.864147	0.325171
306	6	0	0.565273	11.639285	0.684121
307	8	0	-1.453901	10.372209	0.342069
308	8	0	-1.642672	3.623950	-0.124604
309	7	0	0.410131	2.773087	-0.682637
310	1	0	-0.983416	4.769402	2.292731
311	1	0	0.544393	3.793340	2.385299
312	1	0	0.607219	5.596193	2.580100
313	1	0	0.109162	12.561453	0.309044
314	1	0	0.475289	11.648564	1.775877
315	1	0	1.619405	11.601697	0.398909
316	1	0	1.419907	2.940919	-0.697720
317	6	0	-0.110908	1.556839	-1.326698
318	6	0	0.525194	0.326528	-0.637869
319	1	0	-1.196194	1.554098	-1.182180
320	6	0	0.199243	1.471832	-2.801529
321	8	0	1.759872	0.219907	-0.562336
322	7	0	-0.348213	-0.586455	-0.162231
323	1	0	1.302942	1.454628	-2.979601
324	1	0	-0.243102	0.533354	-3.216480
325	1	0	-0.236938	2.343067	-3.347770
326	1	0	-1.352922	-0.390121	-0.209917
327	6	0	0.098438	-1.811839	0.518394
328	6	0	-0.506858	-3.037560	-0.205903
329	1	0	1.191031	-1.835979	0.455019
330	6	0	-0.320493	-1.884629	1.967333
331	8	0	-1.731441	-3.122555	-0.382381
332	7	0	0.384270	-3.978022	-0.588712
333	1	0	-1.434453	-1.874526	2.064319
334	1	0	0.067285	-2.832044	2.415169
335	1	0	0.095587	-1.022396	2.542730
336	1	0	1.383822	-3.799876	-0.459011
337	6	0	-0.028856	-5.221841	-1.257521
338	6	0	0.440106	-6.424079	-0.403496
339	1	0	-1.122295	-5.204889	-1.319613
340	6	0	0.550202	-5.384547	-2.641681
341	8	0	1.637842	-6.558877	-0.105979
342	7	0	-0.536157	-7.282456	-0.038259

343	1	0	0.240720	-4.538364	-3.301914
344	1	0	1.667282	-5.421145	-2.607752
345	1	0	0.176489	-6.338998	-3.086751
346	1	0	-1.507788	-7.075160	-0.286838
347	6	0	-0.260930	-8.487042	0.762957
348	6	0	-0.550302	-9.741602	-0.096180
349	1	0	0.801106	-8.451324	1.030686
350	6	0	-1.096116	-8.572680	2.015945
351	8	0	-1.692887	-9.978520	-0.522068
352	7	0	0.510561	-10.534220	-0.338495
353	1	0	-0.920821	-7.686591	2.672958
354	1	0	-2.185578	-8.622994	1.767113
355	1	0	-0.818960	-9.496278	2.580439
356	1	0	1.433955	-10.275815	0.015474
357	6	0	0.389495	-11.747417	-1.134215
358	1	0	1.329220	-12.301196	-1.068267
359	1	0	-0.426728	-12.374869	-0.760207
360	1	0	0.184445	-11.516850	-2.187226
361	6	0	-8.719709	11.244325	3.688145
362	6	0	-9.584624	10.222678	2.966226
363	1	0	-9.168893	12.233826	3.554763
364	1	0	-8.739016	11.016027	4.759610
365	1	0	-7.687545	11.248979	3.329719
366	8	0	-10.804407	10.145336	3.194945
367	7	0	-8.929446	9.417222	2.093233
368	1	0	-7.935573	9.579861	1.914742
369	6	0	-9.627184	8.377201	1.324681
370	6	0	-8.882394	7.033030	1.496850
371	6	0	-9.718450	8.662802	-0.155795
372	1	0	-10.638183	8.301663	1.738187
373	8	0	-7.667177	6.949344	1.258142
374	7	0	-9.658858	5.996777	1.883620
375	1	0	-10.264016	9.620074	-0.339442
376	1	0	-8.702284	8.735850	-0.615513
377	1	0	-10.277185	7.834171	-0.655730
378	1	0	-10.634229	6.174030	2.143071
379	6	0	-9.121570	4.640238	2.063676
380	6	0	-9.910109	3.653085	1.167741
381	6	0	-9.216286	4.137147	3.484524
382	1	0	-8.070346	4.666076	1.758874
383	8	0	-11.148968	3.604828	1.212981
384	7	0	-9.145202	2.855918	0.389533
385	1	0	-10.280366	4.090818	3.824677

386	1	0	-8.778769	3.110554	3.541183
387	1	0	-8.649199	4.804600	4.177840
388	1	0	-8.134096	3.012416	0.358570
389	6	0	-9.722744	1.817559	-0.477605
390	6	0	-9.082640	0.457805	-0.109678
391	6	0	-9.486115	2.055047	-1.949551
392	1	0	-10.800001	1.795006	-0.283188
393	8	0	-7.848133	0.327680	-0.099635
394	7	0	-9.955581	-0.533057	0.170671
395	1	0	-9.929307	3.029473	-2.268575
396	1	0	-8.392982	2.066226	-2.184177
397	1	0	-9.968140	1.235303	-2.536290
398	1	0	-10.958993	-0.327454	0.190239
399	6	0	-9.511649	-1.891692	0.522638
400	6	0	-10.127851	-2.889458	-0.486742
401	6	0	-9.929310	-2.321604	1.907963
402	1	0	-8.419222	-1.902596	0.450333
403	8	0	-11.356528	-2.940160	-0.646473
404	7	0	-9.241135	-3.673571	-1.137507
405	1	0	-9.511704	-1.630484	2.679681
406	1	0	-11.043310	-2.334417	2.005111
407	1	0	-9.543178	-3.351427	2.105230
408	1	0	-8.239359	-3.533055	-0.981101
409	6	0	-9.662965	-4.677289	-2.126498
410	6	0	-9.192320	-6.075384	-1.658568
411	6	0	-9.094798	-4.439908	-3.504800
412	1	0	-10.756804	-4.643930	-2.173221
413	8	0	-7.998936	-6.287147	-1.390278
414	7	0	-10.164158	-7.010825	-1.591657
415	1	0	-9.409241	-3.441858	-3.895594
416	1	0	-7.977469	-4.482179	-3.491383
417	1	0	-9.472781	-5.229526	-4.199317
418	1	0	-11.131822	-6.743444	-1.791940
419	6	0	-9.886163	-8.400518	-1.194499
420	6	0	-10.137166	-9.333597	-2.403484
421	6	0	-10.748106	-8.877096	-0.051672
422	1	0	-8.831481	-8.440430	-0.899493
423	8	0	-11.249893	-9.381219	-2.953118
424	7	0	-9.084349	-10.077908	-2.790672
425	1	0	-10.467760	-9.927189	0.207594
426	1	0	-10.602282	-8.235660	0.851063
427	1	0	-11.830741	-8.857615	-0.332114
428	1	0	-8.176118	-9.948760	-2.339330

429	6	0	-9.175479	-11.008671	-3.906118
430	1	0	-8.331434	-11.701529	-3.854996
431	1	0	-10.111703	-11.572508	-3.851207
432	1	0	-9.147687	-10.487243	-4.872032
433	8	0	-6.521616	-9.798621	-1.621908
434	6	0	-5.380121	-9.623578	-1.164087
435	7	0	-4.319226	-10.374407	-1.513467
436	6	0	-5.095001	-8.500014	-0.138312
437	1	0	-3.394988	-10.169082	-1.128025
438	6	0	-4.440134	-11.459770	-2.476260
439	6	0	-5.940135	-8.755124	1.084448
440	1	0	-4.034785	-8.504179	0.139416
441	7	0	-5.362784	-7.195770	-0.768204
442	1	0	-3.475674	-11.968405	-2.547414
443	1	0	-5.204192	-12.178821	-2.160001
444	1	0	-4.720063	-11.082702	-3.467587
445	1	0	-5.667591	-9.747562	1.519500
446	1	0	-5.770101	-7.967372	1.857811
447	1	0	-7.027543	-8.769714	0.822260
448	1	0	-6.332910	-6.949067	-0.985024
449	6	0	-4.378534	-6.308161	-1.027136
450	8	0	-3.180772	-6.494877	-0.759646
451	6	0	-4.839139	-4.999893	-1.713413
452	6	0	-4.253117	-4.978155	-3.104093
453	1	0	-5.932211	-4.970050	-1.777149
454	7	0	-4.424003	-3.858384	-0.882704
455	1	0	-4.555887	-4.049912	-3.646642
456	1	0	-3.136279	-5.023714	-3.069493
457	1	0	-4.627518	-5.862817	-3.674938
458	1	0	-3.423433	-3.697842	-0.737650
459	6	0	-5.313783	-2.976024	-0.378065
460	8	0	-6.538641	-3.036274	-0.560904
461	6	0	-4.706614	-1.852786	0.495702
462	6	0	-5.131540	-2.103013	1.922641
463	1	0	-3.613780	-1.871339	0.432409
464	7	0	-5.149608	-0.551736	-0.029767
465	1	0	-4.718241	-1.318452	2.601802
466	1	0	-4.745900	-3.098688	2.251931
467	1	0	-6.246017	-2.104281	2.015106
468	1	0	-6.153217	-0.344926	-0.042302
469	6	0	-4.274371	0.397937	-0.422376
470	8	0	-3.039906	0.272596	-0.381043
471	6	0	-4.910079	1.698624	-0.967599

472	6	0	-4.624123	1.764771	-2.448349
473	1	0	-5.993041	1.688468	-0.806357
474	7	0	-4.369887	2.838646	-0.210166
475	1	0	-5.061094	2.691046	-2.894157
476	1	0	-5.081100	0.877548	-2.950914
477	1	0	-3.523499	1.758340	-2.645452
478	1	0	-3.360136	3.006866	-0.229846
479	6	0	-5.169595	3.702266	0.452640
480	8	0	-6.407525	3.628078	0.477059
481	6	0	-4.433311	4.813464	1.238392
482	6	0	-4.608346	4.521138	2.709730
483	1	0	-3.366710	4.809100	0.991711
484	7	0	-4.964856	6.124060	0.832770
485	1	0	-5.690960	4.505721	2.989767
486	1	0	-4.166279	3.521462	2.941354
487	1	0	-4.090340	5.292109	3.330131
488	6	0	-4.163812	7.105890	0.363406
489	1	0	-5.957641	6.319754	0.993945
490	6	0	-4.886534	8.420899	-0.014933
491	8	0	-2.936634	6.996152	0.211895
492	7	0	-4.238653	9.539437	0.684888
493	6	0	-4.853089	8.544255	-1.519445
494	1	0	-5.927413	8.392665	0.324747
495	1	0	-3.247447	9.720252	0.509362
496	6	0	-4.921328	10.358465	1.523011
497	1	0	-5.364898	9.479947	-1.851094
498	1	0	-3.801228	8.558928	-1.898056
499	1	0	-5.381966	7.669755	-1.971258
500	8	0	-6.133344	10.238881	1.770989
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502	1	0	-4.581891	12.418533	1.977498
503	1	0	-4.104829	11.299736	3.258361
504	1	0	-3.064353	11.478800	1.812994
505	8	0	-17.115703	6.672617	2.483028
506	6	0	-18.197739	6.880389	3.054890
507	6	0	-18.751411	8.314306	3.240663
508	7	0	-18.963610	5.908957	3.604470
509	7	0	-18.245833	8.844269	4.518675
510	1	0	-19.845037	8.274992	3.322339
511	6	0	-18.354659	9.155286	2.058063
512	1	0	-19.764273	6.200275	4.158723
513	6	0	-18.550113	4.497482	3.631683
514	6	0	-18.894768	8.562898	5.681046

515	1	0	-17.301126	9.236969	4.524809
516	1	0	-17.240962	9.228293	1.973442
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518	1	0	-18.775702	10.186054	2.146166
519	6	0	-19.447809	3.663186	2.677487
520	6	0	-18.645879	3.880321	5.005288
521	1	0	-17.510567	4.461578	3.288385
522	6	0	-18.250139	9.131172	6.936931
523	8	0	-19.945997	7.906688	5.724829
524	8	0	-20.676302	3.754221	2.698271
525	7	0	-18.755917	2.802885	1.874822
526	1	0	-19.697867	3.894175	5.383808
527	1	0	-18.301610	2.818253	4.953387
528	1	0	-17.998282	4.427647	5.732660
529	1	0	-18.939172	9.855348	7.384811
530	1	0	-18.110035	8.319798	7.658092
531	1	0	-17.291120	9.617311	6.735845
532	1	0	-17.739632	2.880431	1.806414
533	6	0	-19.456203	1.928191	0.932892
534	6	0	-18.707701	0.580117	0.841056
535	1	0	-20.466373	1.781202	1.336143
536	6	0	-19.589208	2.479812	-0.468968
537	8	0	-17.470370	0.525773	0.882613
538	7	0	-19.494710	-0.509493	0.677591
539	1	0	-18.588609	2.652377	-0.934791
540	1	0	-20.159026	1.757157	-1.102485
541	1	0	-20.143562	3.450215	-0.450946
542	1	0	-20.500273	-0.409446	0.590942
543	6	0	-18.951236	-1.852817	0.440426
544	6	0	-19.728717	-2.487860	-0.735986
545	1	0	-17.894948	-1.743654	0.176656
546	6	0	-19.052702	-2.777664	1.629975
547	8	0	-20.930311	-2.261587	-0.906591
548	7	0	-18.983927	-3.328836	-1.500801
549	1	0	-20.115503	-2.945087	1.930384
550	1	0	-18.595147	-3.762669	1.365608
551	1	0	-18.498730	-2.353859	2.503204
552	1	0	-17.967817	-3.337541	-1.393851
553	6	0	-19.569949	-4.064688	-2.621842
554	6	0	-18.811674	-5.401887	-2.780786
555	1	0	-20.621415	-4.253418	-2.369060
556	6	0	-19.534907	-3.338834	-3.947678
557	8	0	-17.618225	-5.504848	-2.460374



558	7	0	-19.534390	-6.414799	-3.307907
559	1	0	-20.081036	-2.366485	-3.867802
560	1	0	-18.486579	-3.129953	-4.271896
561	1	0	-20.033846	-3.960721	-4.730557
562	1	0	-20.474166	-6.247071	-3.654208
563	6	0	-18.938242	-7.699589	-3.698704
564	6	0	-19.370576	-7.995839	-5.155927
565	1	0	-17.850476	-7.596088	-3.641851
566	6	0	-19.355223	-8.860135	-2.828838
567	8	0	-20.484223	-7.652483	-5.565239
568	7	0	-18.439747	-8.664793	-5.879751
569	1	0	-19.084900	-8.670658	-1.761176
570	1	0	-20.455823	-9.042145	-2.889132
571	1	0	-18.820010	-9.779706	-3.171862
572	1	0	-17.512808	-8.781748	-5.470839
573	6	0	-18.667321	-9.062599	-7.260253
574	1	0	-18.446791	-10.128212	-7.396361
575	1	0	-19.715987	-8.878292	-7.502639
576	1	0	-18.039583	-8.483453	-7.949985
577	8	0	-12.288825	6.808594	2.605199
578	6	0	-13.524488	6.910359	2.535409
579	6	0	-14.181551	8.296170	2.314250
580	7	0	-14.376007	5.865250	2.613691
581	7	0	-13.589137	9.264807	3.247364
582	1	0	-15.253423	8.244903	2.532042
583	6	0	-13.989536	8.663685	0.862036
584	1	0	-15.387402	6.034179	2.587843
585	6	0	-13.896026	4.489832	2.841207
586	6	0	-14.316104	9.902768	4.196413
587	1	0	-12.589263	9.467827	3.169667
588	1	0	-12.903569	8.714222	0.598658
589	1	0	-14.477408	7.889356	0.220675
590	1	0	-14.456291	9.654026	0.640576
591	6	0	-14.673482	3.543016	1.900110
592	6	0	-14.097950	4.000303	4.255706
593	1	0	-12.827640	4.478135	2.603594
594	6	0	-13.531502	10.857248	5.083644
595	8	0	-15.537187	9.736657	4.360913
596	8	0	-15.907900	3.462107	1.968255
597	7	0	-13.911483	2.826469	1.040963
598	1	0	-15.184113	3.974688	4.520504
599	1	0	-13.685766	2.965927	4.348516
600	1	0	-13.567002	4.661932	4.982232

601	1	0	-14.007533	11.842301	5.036816
602	1	0	-13.604261	10.505944	6.118767
603	1	0	-12.481200	10.935691	4.792512
604	1	0	-12.903062	2.995373	1.006405
605	6	0	-14.515869	1.894254	0.077920
606	6	0	-13.894795	0.490347	0.263183
607	1	0	-15.587895	1.867577	0.298256
608	6	0	-14.311911	2.294131	-1.364075
609	8	0	-12.664645	0.333226	0.223446
610	7	0	-14.785971	-0.512665	0.428939
611	1	0	-13.224919	2.319889	-1.624320
612	1	0	-14.819255	1.551585	-2.027224
613	1	0	-14.749661	3.303095	-1.559431
614	1	0	-15.775660	-0.279512	0.544572
615	6	0	-14.371714	-1.919894	0.559606
616	6	0	-14.957275	-2.734656	-0.622626
617	1	0	-13.277054	-1.936523	0.525930
618	6	0	-14.849424	-2.566442	1.837125
619	8	0	-16.174132	-2.709346	-0.861126
620	7	0	-14.061244	-3.468522	-1.321624
621	1	0	-15.967640	-2.580556	1.886509
622	1	0	-14.478839	-3.619858	1.876934
623	1	0	-14.460463	-2.017815	2.728956
624	1	0	-13.062051	-3.361963	-1.125737
625	6	0	-14.469169	-4.268916	-2.486637
626	6	0	-13.987731	-5.729730	-2.316657
627	1	0	-15.562600	-4.233509	-2.523241
628	6	0	-13.910373	-3.761335	-3.795047
629	8	0	-12.791882	-5.990655	-2.112951
630	7	0	-14.956910	-6.663114	-2.450150
631	1	0	-14.238010	-2.710184	-3.983203
632	1	0	-12.792628	-3.792131	-3.792713
633	1	0	-14.282361	-4.404692	-4.629493
634	1	0	-15.931045	-6.357434	-2.522017
635	6	0	-14.671305	-8.107738	-2.402014
636	6	0	-14.820037	-8.713904	-3.822715
637	1	0	-13.636115	-8.215616	-2.057816
638	6	0	-15.593766	-8.861921	-1.477461
639	8	0	-15.902695	-8.669577	-4.431210
640	7	0	-13.711193	-9.284839	-4.327874
641	1	0	-15.537598	-8.455490	-0.438546
642	1	0	-16.655095	-8.797711	-1.829563
643	1	0	-15.293333	-9.937990	-1.456079

644	1	0	-12.840262	-9.277463	-3.793065
645	6	0	-13.707667	-9.896966	-5.648852
646	1	0	-12.715743	-10.316736	-5.833160
647	1	0	-14.454656	-10.696586	-5.713951
648	1	0	-13.935413	-9.159308	-6.427567

P Pl (Ac-AAAAAA-NHMe)<sub>10</sub>

1	6	0	2.897709	11.650664	0.032817
2	6	0	2.118710	10.441497	-0.462204
3	1	0	2.448226	12.551427	-0.397983
4	1	0	2.782894	11.713776	1.120484
5	1	0	3.958340	11.602502	-0.225614
6	8	0	0.888880	10.364356	-0.299759
7	7	0	2.861256	9.480298	-1.065941
8	1	0	3.864138	9.633157	-1.195942
9	6	0	2.260865	8.248348	-1.597450
10	6	0	2.972626	7.030211	-0.963160
11	6	0	2.373970	8.113023	-3.097324
12	1	0	1.203247	8.260499	-1.313248
13	8	0	4.206754	6.915361	-1.033005
14	7	0	2.156248	6.129427	-0.373087
15	1	0	1.873001	8.969376	-3.610310
16	1	0	3.444405	8.080745	-3.418294
17	1	0	1.877053	7.165313	-3.419011
18	1	0	1.154909	6.333110	-0.298699
19	6	0	2.675611	4.910245	0.266345
20	6	0	1.974460	3.678830	-0.354561
21	6	0	2.442292	4.864121	1.757596
22	1	0	3.751292	4.875214	0.065824
23	8	0	0.736677	3.599922	-0.365545
24	7	0	2.801765	2.726673	-0.838386
25	1	0	1.349407	4.884098	1.993604
26	1	0	2.878310	3.921263	2.169115
27	1	0	2.932033	5.732589	2.261154
28	1	0	3.811003	2.898404	-0.846724
29	6	0	2.295830	1.476072	-1.426494
30	6	0	2.926879	0.285241	-0.667181
31	6	0	2.628461	1.317150	-2.890368
32	1	0	1.208550	1.475423	-1.298068
33	8	0	4.160791	0.186900	-0.571284
34	7	0	2.050351	-0.605934	-0.156974
35	1	0	2.196714	2.156933	-3.487047
36	1	0	3.734796	1.296534	-3.050923
37	1	0	2.196609	0.356339	-3.263103
38	1	0	1.045963	-0.413372	-0.223120
39	6	0	2.492151	-1.792956	0.591391
40	6	0	1.897296	-3.057896	-0.071910
41	6	0	2.058778	-1.790549	2.038012

42	1	0	3.585388	-1.817908	0.540763
43	8	0	0.675417	-3.154290	-0.261851
44	7	0	2.793811	-4.018905	-0.385038
45	1	0	2.467728	-0.898411	2.571413
46	1	0	0.943888	-1.777634	2.123330
47	1	0	2.443596	-2.712285	2.538856
48	1	0	3.791575	-3.832025	-0.253562
49	6	0	2.389395	-5.300298	-0.984773
50	6	0	2.864854	-6.451077	-0.066003
51	6	0	2.970487	-5.536062	-2.357607
52	1	0	1.296015	-5.293539	-1.048512
53	8	0	4.062140	-6.558265	0.243998
54	7	0	1.894903	-7.299423	0.337831
55	1	0	2.656644	-4.729486	-3.063759
56	1	0	4.087707	-5.564250	-2.321268
57	1	0	2.602549	-6.515791	-2.749368
58	1	0	0.922304	-7.111792	0.077816
59	6	0	2.177254	-8.458040	1.201872
60	6	0	1.883287	-9.757993	0.414871
61	6	0	1.351844	-8.476316	2.464169
62	1	0	3.241152	-8.406659	1.459295
63	8	0	0.738072	-10.019076	0.010517
64	7	0	2.943420	-10.561718	0.208973
65	1	0	1.634990	-9.367368	3.076023
66	1	0	1.530745	-7.555499	3.070500
67	1	0	0.260595	-8.541559	2.227034
68	1	0	3.868057	-10.284520	0.545076
69	6	0	2.817816	-11.816980	-0.517875
70	1	0	3.767324	-12.353560	-0.450474
71	1	0	2.022383	-12.435850	-0.088360
72	1	0	2.579290	-11.644444	-1.574776
73	8	0	5.558484	-9.938673	1.135756
74	6	0	6.682168	-9.615604	1.555336
75	7	0	7.757772	-10.422643	1.491112
76	6	0	6.929270	-8.227390	2.193740
77	1	0	8.663209	-10.096351	1.834926
78	6	0	7.675380	-11.754595	0.908557
79	6	0	6.048159	-8.105921	3.411719
80	1	0	7.979998	-8.131221	2.489564
81	7	0	6.676454	-7.184318	1.185047
82	1	0	8.639733	-12.251283	1.040024
83	1	0	6.895078	-12.347216	1.399089
84	1	0	7.440876	-11.706141	-0.161837

85	1	0	6.310999	-8.913473	4.137892
86	1	0	6.191779	-7.116839	3.910377
87	1	0	4.969217	-8.214080	3.136921
88	1	0	5.713945	-7.037577	0.866924
89	6	0	7.658943	-6.385958	0.716443
90	8	0	8.843373	-6.444979	1.084015
91	6	0	7.219974	-5.360509	-0.355523
92	6	0	7.860546	-5.756879	-1.663297
93	1	0	6.130401	-5.369545	-0.466173
94	7	0	7.596189	-4.013169	0.101173
95	1	0	7.576592	-5.043823	-2.474868
96	1	0	8.975184	-5.773034	-1.575783
97	1	0	7.511370	-6.779258	-1.948867
98	1	0	8.587066	-3.804525	0.249349
99	6	0	6.684107	-3.030060	0.265054
100	8	0	5.471266	-3.159388	0.040872
101	6	0	7.247032	-1.691916	0.799909
102	6	0	6.749513	-1.523858	2.215933
103	1	0	8.341455	-1.714957	0.800201
104	7	0	6.836903	-0.602538	-0.099837
105	1	0	7.131978	-0.572486	2.658928
106	1	0	7.113534	-2.377876	2.837723
107	1	0	5.631794	-1.509484	2.249703
108	1	0	5.835855	-0.422344	-0.226857
109	6	0	7.734137	0.228990	-0.670723
110	8	0	8.963178	0.146265	-0.515122
111	6	0	7.135385	1.328001	-1.580298
112	6	0	7.535043	1.017814	-3.002364
113	1	0	6.043339	1.334533	-1.501123
114	7	0	7.612697	2.636973	-1.105609
115	1	0	7.130406	1.787422	-3.703532
116	1	0	7.121910	0.020490	-3.290909
117	1	0	8.647694	0.986987	-3.109050
118	1	0	8.620328	2.817195	-1.102015
119	6	0	6.763912	3.621167	-0.736678
120	8	0	5.527829	3.527871	-0.772992
121	6	0	7.437890	4.913796	-0.218172
122	6	0	7.156030	5.012278	1.262040
123	1	0	8.519804	4.869092	-0.380070
124	7	0	6.933647	6.059994	-0.990853
125	1	0	6.055774	5.044800	1.459533
126	1	0	7.584179	4.118674	1.778342
127	1	0	7.623086	5.930786	1.693135

128	6	0	7.763785	6.896857	-1.651093
129	1	0	5.930233	6.265873	-0.964705
130	6	0	7.066571	8.039623	-2.427014
131	8	0	8.999415	6.778932	-1.677386
132	7	0	7.653150	9.322781	-2.015742
133	6	0	7.215916	7.746818	-3.901017
134	1	0	6.002407	8.078106	-2.170778
135	1	0	8.655887	9.469074	-2.153754
136	6	0	6.900205	10.332995	-1.513553
137	1	0	6.726460	8.542202	-4.513610
138	1	0	8.293931	7.684962	-4.191047
139	1	0	6.728118	6.768528	-4.132434
140	8	0	5.669789	10.264512	-1.352790
141	6	0	7.669500	11.588791	-1.132178
142	1	0	7.209229	12.443721	-1.638128
143	1	0	7.560154	11.746868	-0.053581
144	1	0	8.729559	11.527460	-1.390506
145	8	0	10.327192	-9.665121	2.467288
146	6	0	11.415693	-9.271290	2.917115
147	6	0	11.617379	-7.799746	3.353928
148	7	0	12.490367	-10.069173	3.064877
149	7	0	11.408199	-6.916487	2.194229
150	6	0	10.672552	-7.515820	4.494904
151	1	0	12.650001	-7.646423	3.686823
152	1	0	13.365392	-9.683480	3.424411
153	6	0	12.448572	-11.478619	2.700850
154	1	0	10.458059	-6.815648	1.824332
155	6	0	12.410506	-6.196312	1.650110
156	1	0	10.901106	-8.207115	5.342544
157	1	0	10.784508	-6.463586	4.852533
158	1	0	9.610059	-7.675823	4.183712
159	1	0	13.380842	-11.948943	3.022867
160	1	0	11.604574	-11.979771	3.187265
161	1	0	12.339763	-11.607346	1.616880
162	6	0	12.015002	-5.318022	0.439918
163	8	0	13.583928	-6.209804	2.057532
164	7	0	12.379463	-3.923494	0.738789
165	6	0	12.702103	-5.874230	-0.782859
166	1	0	10.930139	-5.341893	0.291550
167	6	0	11.463060	-2.930501	0.765034
168	1	0	13.364215	-3.696243	0.896330
169	1	0	12.452271	-5.267918	-1.687145
170	1	0	13.812552	-5.879835	-0.651991

171	1	0	12.358761	-6.924190	-0.951711
172	6	0	12.013067	-1.537409	1.153412
173	8	0	10.256837	-3.088843	0.526408
174	7	0	11.628732	-0.563584	0.119983
175	6	0	11.476690	-1.203303	2.525011
176	1	0	13.107000	-1.557948	1.186397
177	6	0	12.541610	0.189297	-0.529403
178	1	0	10.631443	-0.401664	-0.053534
179	1	0	11.847159	-0.204848	2.861891
180	1	0	10.358486	-1.188109	2.526058
181	1	0	11.822923	-1.976130	3.253925
182	6	0	11.965181	1.172953	-1.574995
183	8	0	13.767316	0.122908	-0.341130
184	7	0	12.431769	2.529311	-1.245013
185	6	0	12.396886	0.700522	-2.941883
186	1	0	10.871565	1.186762	-1.521913
187	6	0	11.574562	3.547357	-1.010271
188	1	0	13.438535	2.710729	-1.239663
189	1	0	12.009077	1.382794	-3.736739
190	1	0	13.511621	0.659241	-3.018921
191	1	0	11.989432	-0.324244	-3.122051
192	6	0	12.237484	4.894921	-0.637239
193	8	0	10.339964	3.446079	-1.058451
194	7	0	11.727811	5.943743	-1.533819
195	6	0	11.949606	5.157591	0.821427
196	1	0	13.320241	4.840255	-0.790178
197	6	0	12.548170	6.673023	-2.320831
198	1	0	10.725296	6.155281	-1.521997
199	1	0	10.848514	5.204288	1.011064
200	1	0	12.382210	4.330991	1.436276
201	1	0	12.408588	6.122281	1.147613
202	6	0	11.843837	7.726931	-3.208038
203	8	0	13.780970	6.529048	-2.369415
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206	6	0	11.983128	7.283120	-4.644592
207	6	0	11.684445	10.106663	-2.543613
208	1	0	13.435205	9.174324	-3.093117
209	1	0	13.059180	7.189664	-4.933438
210	1	0	11.493020	6.286869	-4.770423
211	1	0	11.490243	8.011554	-5.333019
212	6	0	12.458767	11.392804	-2.297279
213	8	0	10.454286	10.060719	-2.376218



214	1	0	11.995593	12.193423	-2.882996
215	1	0	12.358696	11.658972	-1.239239
216	1	0	13.516615	11.303549	-2.556219
217	1	0	15.115671	-6.457777	2.968299
218	7	0	16.034554	-6.454261	3.423178
219	6	0	17.049642	-5.771472	2.856530
220	6	0	16.165608	-7.081862	4.748700
221	6	0	16.753784	-5.150153	1.471380
222	8	0	18.170149	-5.632926	3.372733
223	6	0	15.996621	-8.614770	4.619882
224	6	0	15.148628	-6.586095	5.747215
225	1	0	17.172279	-6.843349	5.108324
226	7	0	17.140912	-3.730801	1.511580
227	6	0	17.498542	-5.950531	0.431984
228	1	0	15.679870	-5.187984	1.260278
229	8	0	14.965511	-9.107021	4.134496
230	7	0	17.023954	-9.349606	5.089852
231	1	0	15.321964	-7.088579	6.730175
232	1	0	15.237208	-5.481912	5.890909
233	1	0	14.108466	-6.819107	5.408181
234	6	0	16.233375	-2.736723	1.383895
235	1	0	18.124087	-3.497869	1.658148
236	1	0	17.317414	-5.536746	-0.589771
237	1	0	18.599133	-5.942426	0.629405
238	1	0	17.139683	-7.008643	0.456530
239	1	0	17.873087	-8.891506	5.425972
240	6	0	16.998657	-10.806035	5.066621
241	6	0	16.790727	-1.308559	1.583348
242	8	0	15.029498	-2.920893	1.155098
243	1	0	17.780120	-11.179732	5.732868
244	1	0	16.025484	-11.171725	5.407955
245	1	0	17.174626	-11.196748	4.056080
246	7	0	16.422755	-0.477358	0.427253
247	6	0	16.253105	-0.792343	2.896988
248	1	0	17.884412	-1.329574	1.625159
249	6	0	17.351851	0.204900	-0.275292
250	1	0	15.428720	-0.347440	0.210785
251	1	0	16.628206	0.240289	3.098736
252	1	0	15.135081	-0.771067	2.892396
253	1	0	16.593349	-1.462602	3.723690
254	6	0	16.809825	1.026255	-1.471412
255	8	0	18.569083	0.178345	-0.027717
256	7	0	17.270681	2.419761	-1.352865

257	6	0	17.274798	0.346917	-2.736773
258	1	0	15.714999	1.047534	-1.448051
259	1	0	18.269748	2.612503	-1.450300
260	6	0	16.405220	3.454839	-1.244835
261	1	0	16.910996	0.897197	-3.638206
262	1	0	16.867846	-0.693364	-2.766718
263	1	0	18.391800	0.293764	-2.777469
264	6	0	17.058674	4.847529	-1.085737
265	8	0	15.172366	3.333630	-1.238074
266	7	0	16.520858	5.753183	-2.113518
267	6	0	16.801793	5.311737	0.328013
268	1	0	18.138256	4.785178	-1.255307
269	6	0	17.336630	6.449822	-2.935736
270	1	0	15.511626	5.931227	-2.136522
271	1	0	15.704986	5.375832	0.536080
272	1	0	17.257873	4.584663	1.043392
273	1	0	17.257089	6.316710	0.502628
274	6	0	16.618286	7.328843	-3.990864
275	8	0	18.576557	6.378181	-2.906318
276	7	0	17.181311	8.686814	-3.985041
277	6	0	16.756456	6.626950	-5.321609
278	1	0	15.556391	7.423615	-3.738566
279	1	0	18.147838	8.824654	-4.284041
280	6	0	16.424745	9.780220	-3.707221
281	1	0	16.253772	7.209769	-6.131033
282	1	0	16.275757	5.620201	-5.257818
283	1	0	17.833366	6.490960	-5.595202
284	6	0	17.157854	11.111822	-3.755942
285	8	0	15.220011	9.725825	-3.413233
286	1	0	16.580864	11.800755	-4.380821
287	1	0	17.182611	11.528615	-2.742834
288	1	0	18.176477	11.021660	-4.140468
289	1	0	19.735477	-5.577203	4.151891
290	7	0	20.656391	-5.665484	4.591217
291	6	0	21.779599	-5.543945	3.846985
292	6	0	20.712038	-6.186081	5.969453
293	6	0	21.540374	-5.041837	2.401497
294	8	0	22.920679	-5.791860	4.266520
295	6	0	20.661196	-7.734662	5.901562
296	6	0	19.596912	-5.679426	6.840409
297	1	0	21.677901	-5.875993	6.387997
298	7	0	21.971924	-3.634099	2.302102
299	6	0	22.268320	-5.958586	1.452589

300	1	0	20.468913	-5.043717	2.172497
301	8	0	19.605444	-8.376846	6.003917
302	7	0	21.872617	-8.302978	5.679694
303	1	0	19.701086	-6.123383	7.860811
304	1	0	19.633168	-4.566143	6.925355
305	1	0	18.598886	-5.975107	6.431305
306	6	0	21.122091	-2.621385	1.985051
307	1	0	22.955199	-3.432673	2.434764
308	1	0	22.147666	-5.617671	0.395679
309	1	0	23.359247	-6.005034	1.694282
310	1	0	21.845339	-6.989107	1.543537
311	1	0	22.630731	-7.668465	5.437187
312	6	0	22.041963	-9.729876	5.443740
313	6	0	21.758292	-1.212514	1.942562
314	8	0	19.917121	-2.786455	1.766271
315	1	0	23.010901	-10.054543	5.835533
316	1	0	21.245578	-10.268014	5.962064
317	1	0	21.990997	-9.976244	4.374746
318	7	0	21.268759	-0.515984	0.750014
319	6	0	21.444012	-0.524046	3.249974
320	1	0	22.848550	-1.274065	1.835387
321	6	0	22.104794	0.202553	-0.048571
322	1	0	20.259607	-0.444847	0.599205
323	1	0	21.898871	0.496320	3.273541
324	1	0	21.866157	-1.121020	4.094906
325	1	0	20.341014	-0.424701	3.400078
326	6	0	21.412910	0.809603	-1.291853
327	8	0	23.316094	0.341533	0.142316
328	7	0	22.010141	2.124645	-1.562404
329	6	0	21.552665	-0.171587	-2.431202
330	1	0	20.348157	0.966551	-1.094741
331	6	0	21.266751	3.238738	-1.762700
332	1	0	23.019980	2.187692	-1.497436
333	1	0	21.052636	0.221175	-3.350194
334	1	0	21.060737	-1.133765	-2.145401
335	1	0	22.625284	-0.374896	-2.668446
336	6	0	22.067713	4.550196	-1.930518
337	8	0	20.029301	3.241132	-1.790553
338	7	0	21.348807	5.414705	-2.868216
339	6	0	22.286885	5.145069	-0.558667
340	1	0	23.049578	4.349123	-2.377634
341	1	0	20.340428	5.536737	-2.751067
342	6	0	22.003243	6.171151	-3.786211

343	1	0	21.316698	5.373366	-0.053784
344	1	0	22.857492	4.422108	0.074084
345	1	0	22.876707	6.091300	-0.635497
346	6	0	21.069576	6.952244	-4.739660
347	8	0	23.231923	6.227760	-3.906174
348	7	0	21.745431	8.205489	-5.091716
349	6	0	20.744542	6.066263	-5.918839
350	1	0	20.133907	7.201505	-4.229808
351	6	0	21.105771	9.400491	-5.131700
352	1	0	22.755524	8.155123	-5.162120
353	1	0	20.087797	6.606049	-6.644392
354	1	0	20.197844	5.162135	-5.553549
355	1	0	21.668576	5.736689	-6.452739
356	6	0	21.979743	10.613067	-5.415717
357	8	0	19.884321	9.522983	-4.952463
358	1	0	21.605222	11.110070	-6.316191
359	1	0	21.881179	11.317575	-4.583710
360	1	0	23.036276	10.364586	-5.554460
361	8	0	-0.571851	6.991494	-0.254237
362	6	0	-1.804310	7.097405	-0.150562
363	6	0	-2.527576	8.371560	-0.647851
364	7	0	-2.611235	6.141720	0.361017
365	7	0	-1.910784	9.548186	-0.018860
366	1	0	-3.577589	8.357405	-0.336646
367	6	0	-2.453264	8.378276	-2.156230
368	1	0	-3.610561	6.336829	0.474634
369	6	0	-2.082764	4.865346	0.867473
370	6	0	-2.633049	10.442399	0.701023
371	1	0	-0.912180	9.715527	-0.163452
372	1	0	-1.391517	8.376471	-2.506317
373	1	0	-2.960560	7.465067	-2.552826
374	1	0	-2.965151	9.279133	-2.573237
375	6	0	-2.800280	3.701176	0.144021
376	6	0	-2.286612	4.673684	2.351506
377	1	0	-1.011361	4.848950	0.643214
378	6	0	-1.839590	11.602203	1.283389
379	8	0	-3.856491	10.344102	0.897625
380	8	0	-4.038439	3.626422	0.148649
381	7	0	-1.986376	2.797204	-0.443546
382	1	0	-3.374515	4.671867	2.610221
383	1	0	-1.845526	3.694524	2.659939
384	1	0	-1.784172	5.488053	2.927695
385	1	0	-2.300668	12.537837	0.950057

386	1	0	-1.923956	11.564914	2.375004
387	1	0	-0.786830	11.580382	0.991541
388	1	0	-0.976952	2.968246	-0.457326
389	6	0	-2.509556	1.610756	-1.139259
390	6	0	-1.871872	0.348863	-0.511326
391	1	0	-3.594295	1.601211	-0.991236
392	6	0	-2.205503	1.592341	-2.617887
393	8	0	-0.637311	0.239773	-0.439859
394	7	0	-2.744592	-0.589023	-0.085068
395	1	0	-1.102529	1.584221	-2.801169
396	1	0	-2.648956	0.673133	-3.072843
397	1	0	-2.644598	2.486873	-3.122558
398	1	0	-3.749394	-0.391890	-0.124844
399	6	0	-2.297199	-1.850576	0.525975
400	6	0	-2.905188	-3.032618	-0.265521
401	1	0	-1.204671	-1.871290	0.459137
402	6	0	-2.713880	-2.004077	1.969117
403	8	0	-4.131045	-3.109859	-0.437197
404	7	0	-2.014902	-3.945367	-0.712210
405	1	0	-3.827718	-2.001404	2.067861
406	1	0	-2.323942	-2.974188	2.363275
407	1	0	-2.298584	-1.174265	2.590865
408	1	0	-1.014330	-3.771582	-0.582912
409	6	0	-2.430079	-5.143289	-1.459317
410	6	0	-1.953664	-6.399009	-0.690600
411	1	0	-3.523890	-5.124552	-1.513819
412	6	0	-1.858739	-5.212184	-2.854555
413	8	0	-0.752236	-6.557619	-0.421673
414	7	0	-2.928420	-7.274951	-0.364674
415	1	0	-2.173709	-4.324785	-3.455387
416	1	0	-0.741343	-5.248294	-2.829183
417	1	0	-2.232869	-6.135876	-3.360038
418	1	0	-3.902597	-7.050404	-0.586734
419	6	0	-2.646233	-8.531921	0.349318
420	6	0	-2.955754	-9.723146	-0.589228
421	1	0	-1.579883	-8.518604	0.601829
422	6	0	-3.462475	-8.699134	1.606427
423	8	0	-4.108046	-9.929969	-1.004754
424	7	0	-1.901792	-10.495134	-0.913229
425	1	0	-3.273580	-7.859787	2.318718
426	1	0	-4.555782	-8.729387	1.371568
427	1	0	-3.180454	-9.659462	2.103136
428	1	0	-0.969644	-10.263634	-0.563254

429	6	0	-2.043300	-11.644734	-1.795158
430	1	0	-1.090149	-12.178279	-1.825037
431	1	0	-2.824014	-12.321076	-1.429872
432	1	0	-2.311857	-11.336091	-2.813150
433	6	0	-11.142512	11.069908	4.247027
434	6	0	-12.000887	10.080139	3.474539
435	1	0	-11.588133	12.065087	4.147809
436	1	0	-11.174981	10.799306	5.308226
437	1	0	-10.106311	11.086898	3.900825
438	8	0	-13.221641	9.989390	3.692899
439	7	0	-11.338807	9.318444	2.568287
440	1	0	-10.343589	9.489510	2.405619
441	6	0	-12.028464	8.314170	1.746535
442	6	0	-11.288432	6.961875	1.870334
443	6	0	-12.097307	8.663595	0.278562
444	1	0	-13.045466	8.223935	2.142163
445	8	0	-10.070483	6.885941	1.643534
446	7	0	-12.071138	5.911421	2.202390
447	1	0	-12.638270	9.629221	0.128214
448	1	0	-11.074172	8.754008	-0.162350
449	1	0	-12.649678	7.858526	-0.264995
450	1	0	-13.049407	6.079090	2.457023
451	6	0	-11.537408	4.547321	2.329979
452	6	0	-12.315706	3.602094	1.381593
453	6	0	-11.651016	3.983038	3.726196
454	1	0	-10.482374	4.584900	2.039894
455	8	0	-13.555028	3.551850	1.412112
456	7	0	-11.543269	2.841853	0.574525
457	1	0	-12.719538	3.922878	4.049881
458	1	0	-11.214622	2.954554	3.743904
459	1	0	-11.092947	4.619177	4.455335
460	1	0	-10.531569	2.997527	0.561723
461	6	0	-12.113363	1.847759	-0.347535
462	6	0	-11.479991	0.470206	-0.039436
463	6	0	-11.860582	2.155564	-1.803760
464	1	0	-13.192676	1.818350	-0.166162
465	8	0	-10.245966	0.338478	-0.015320
466	7	0	-12.357584	-0.533516	0.173025
467	1	0	-12.298875	3.145155	-2.080007
468	1	0	-10.764993	2.175911	-2.025970
469	1	0	-12.337575	1.366106	-2.434495
470	1	0	-13.361046	-0.328149	0.188163
471	6	0	-11.918957	-1.909021	0.460184

472	6	0	-12.527721	-2.852802	-0.603978
473	6	0	-12.349138	-2.407538	1.818410
474	1	0	-10.825986	-1.918241	0.396789
475	8	0	-13.755273	-2.895433	-0.774558
476	7	0	-11.635954	-3.600803	-1.289458
477	1	0	-11.937425	-1.756820	2.627517
478	1	0	-13.463936	-2.423547	1.905178
479	1	0	-11.965873	-3.446584	1.966868
480	1	0	-10.635456	-3.469480	-1.117422
481	6	0	-12.049889	-4.552155	-2.332224
482	6	0	-11.586350	-5.973058	-1.929937
483	6	0	-11.467370	-4.246573	-3.690859
484	1	0	-13.143177	-4.513543	-2.387904
485	8	0	-10.394840	-6.201622	-1.667119
486	7	0	-12.562179	-6.906609	-1.910143
487	1	0	-11.775670	-3.229141	-4.033607
488	1	0	-10.350314	-4.292532	-3.668421
489	1	0	-11.839960	-4.998952	-4.428303
490	1	0	-13.527771	-6.627035	-2.103392
491	6	0	-12.292062	-8.314194	-1.575216
492	6	0	-12.544882	-9.190633	-2.825507
493	6	0	-13.159449	-8.837173	-0.457029
494	1	0	-11.238421	-8.372814	-1.279638
495	8	0	-13.657125	-9.209441	-3.377846
496	7	0	-11.494291	-9.920101	-3.245187
497	1	0	-12.885017	-9.899249	-0.244474
498	1	0	-13.012831	-8.237643	0.473934
499	1	0	-14.241205	-8.799610	-0.739020
500	1	0	-10.585966	-9.814614	-2.787840
501	6	0	-11.587572	-10.799389	-4.401433
502	1	0	-10.739447	-11.488939	-4.386666
503	1	0	-12.520283	-11.370830	-4.367295
504	1	0	-11.568444	-10.234243	-5.342630
505	8	0	-8.933947	-9.702831	-2.065603
506	6	0	-7.789084	-9.556291	-1.606136
507	7	0	-6.734241	-10.294151	-1.998666
508	6	0	-7.493031	-8.488455	-0.525742
509	1	0	-5.806435	-10.110703	-1.610603
510	6	0	-6.866814	-11.329895	-3.013086
511	6	0	-8.330800	-8.805093	0.687849
512	1	0	-6.431034	-8.510052	-0.255890
513	7	0	-7.759918	-7.152025	-1.084503
514	1	0	-5.905216	-11.838474	-3.116431

515	1	0	-7.631655	-12.060689	-2.726986
516	1	0	-7.152295	-10.903269	-3.982523
517	1	0	-8.058439	-9.819739	1.068358
518	1	0	-8.152940	-8.059544	1.500293
519	1	0	-9.419964	-8.802832	0.432784
520	1	0	-8.729215	-6.894074	-1.291303
521	6	0	-6.776415	-6.247079	-1.279789
522	8	0	-5.580603	-6.446056	-1.013087
523	6	0	-7.235221	-4.901852	-1.891501
524	6	0	-6.644620	-4.800901	-3.276835
525	1	0	-8.328072	-4.868800	-1.957161
526	7	0	-6.823712	-3.809338	-0.995602
527	1	0	-6.946370	-3.843561	-3.766839
528	1	0	-5.527864	-4.847611	-3.241170
529	1	0	-7.016464	-5.651964	-3.898193
530	1	0	-5.823931	-3.660860	-0.832815
531	6	0	-7.715362	-2.950853	-0.454504
532	8	0	-8.938449	-2.995969	-0.653444
533	6	0	-7.113832	-1.877737	0.483897
534	6	0	-7.552794	-2.202699	1.891342
535	1	0	-6.020462	-1.895705	0.429935
536	7	0	-7.549563	-0.549480	0.024516
537	1	0	-7.144652	-1.456353	2.615230
538	1	0	-7.171999	-3.215358	2.170709
539	1	0	-8.668101	-2.206362	1.973106
540	1	0	-8.552493	-0.339566	0.016475
541	6	0	-6.669468	0.416140	-0.314673
542	8	0	-5.435692	0.285158	-0.272094
543	6	0	-7.298958	1.743669	-0.799248
544	6	0	-7.001951	1.881688	-2.272937
545	1	0	-8.383093	1.727581	-0.646740
546	7	0	-6.763265	2.844923	0.016441
547	1	0	-7.434626	2.829233	-2.676193
548	1	0	-7.456030	1.020719	-2.821658
549	1	0	-5.899867	1.883376	-2.461939
550	1	0	-5.753598	3.015250	0.009269
551	6	0	-7.567214	3.677102	0.713487
552	8	0	-8.805283	3.601711	0.727646
553	6	0	-6.835801	4.752219	1.552320
554	6	0	-7.019074	4.395041	3.008178
555	1	0	-5.767832	4.759049	1.311528
556	7	0	-7.365553	6.079398	1.201838
557	1	0	-8.103245	4.366717	3.280999



558	1	0	-6.577604	3.386293	3.197841
559	1	0	-6.505202	5.138037	3.665078
560	6	0	-6.562819	7.079696	0.776209
561	1	0	-8.359123	6.268095	1.366075
562	6	0	-7.283916	8.409689	0.450704
563	8	0	-5.335298	6.975961	0.624224
564	7	0	-6.639860	9.496922	1.201630
565	6	0	-7.241788	8.597810	-1.046880
566	1	0	-8.326767	8.366710	0.782751
567	1	0	-5.647998	9.685581	1.037954
568	6	0	-7.326827	10.279713	2.070117
569	1	0	-7.751906	9.546914	-1.340866
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571	1	0	-7.767732	7.743580	-1.539074
572	8	0	-8.540364	10.150797	2.305996
573	6	0	-6.503629	11.348948	2.772462
574	1	0	-6.988290	12.318029	2.614901
575	1	0	-6.518684	11.144512	3.848730
576	1	0	-5.470675	11.384725	2.417768
577	8	0	-19.541733	6.552119	2.869977
578	6	0	-20.609545	6.703803	3.484451
579	6	0	-21.168076	8.113463	3.797104
580	7	0	-21.352574	5.684380	3.976257
581	7	0	-20.627500	8.547419	5.096909
582	1	0	-22.258474	8.058096	3.907645
583	6	0	-20.812516	9.046879	2.672104
584	1	0	-22.139274	5.922890	4.573807
585	6	0	-20.920987	4.280738	3.888093
586	6	0	-21.240891	8.174742	6.252943
587	1	0	-19.684100	8.943149	5.106281
588	1	0	-19.702339	9.135205	2.560325
589	1	0	-21.230424	8.644921	1.717026
590	1	0	-21.236700	10.064228	2.852555
591	6	0	-21.837748	3.501550	2.905930
592	6	0	-20.960855	3.565209	5.215972
593	1	0	-19.893523	4.286511	3.508831
594	6	0	-20.561638	8.651177	7.528726
595	8	0	-22.287809	7.510876	6.277712
596	8	0	-23.066201	3.566807	2.973932
597	7	0	-21.158418	2.716801	2.019778
598	1	0	-21.998446	3.538442	5.631626
599	1	0	-20.607910	2.514077	5.075316
600	1	0	-20.292524	4.066948	5.957378

601	1	0	-21.237790	9.340085	8.046480
602	1	0	-20.402306	7.789982	8.185148
603	1	0	-19.608428	9.152348	7.337016
604	1	0	-20.145373	2.812785	1.931087
605	6	0	-21.870988	1.891613	1.043645
606	6	0	-21.114107	0.557111	0.859974
607	1	0	-22.871218	1.712234	1.458511
608	6	0	-22.036980	2.521692	-0.321032
609	8	0	-19.876238	0.508492	0.889715
610	7	0	-21.895271	-0.525464	0.633127
611	1	0	-21.047533	2.729715	-0.796130
612	1	0	-22.614113	1.831647	-0.983640
613	1	0	-22.598136	3.484602	-0.236341
614	1	0	-22.902216	-0.427697	0.561410
615	6	0	-21.343963	-1.848214	0.313712
616	6	0	-22.123831	-2.420846	-0.892635
617	1	0	-20.290461	-1.715706	0.049688
618	6	0	-21.429000	-2.841647	1.448122
619	8	0	-23.327343	-2.192337	-1.045604
620	7	0	-21.377268	-3.213934	-1.705373
621	1	0	-22.488350	-3.039210	1.742297
622	1	0	-20.960578	-3.803909	1.125414
623	1	0	-20.876380	-2.462442	2.342491
624	1	0	-20.361112	-3.226371	-1.599224
625	6	0	-21.962812	-3.895884	-2.860071
626	6	0	-21.205665	-5.225350	-3.079595
627	1	0	-23.014782	-4.094613	-2.617244
628	6	0	-21.924687	-3.109518	-4.150758
629	8	0	-20.011909	-5.343042	-2.765756
630	7	0	-21.930025	-6.213785	-3.649454
631	1	0	-22.470235	-2.141445	-4.027415
632	1	0	-20.875531	-2.886736	-4.462878
633	1	0	-22.422369	-3.694455	-4.962403
634	1	0	-22.870008	-6.030191	-3.986770
635	6	0	-21.336062	-7.482407	-4.092880
636	6	0	-21.761019	-7.714561	-5.563783
637	1	0	-20.248330	-7.384907	-4.025256
638	6	0	-21.761715	-8.677941	-3.276153
639	8	0	-22.872513	-7.353425	-5.963510
640	7	0	-20.826703	-8.352192	-6.310966
641	1	0	-21.496334	-8.535908	-2.199925
642	1	0	-22.862624	-8.853022	-3.349923
643	1	0	-21.228013	-9.583837	-3.655937

644	1	0	-19.902195	-8.488400	-5.902443
645	6	0	-21.047806	-8.691786	-7.707924
646	1	0	-20.822136	-9.749741	-7.888105
647	1	0	-22.096415	-8.501778	-7.946200
648	1	0	-20.420196	-8.081426	-8.370373
649	8	0	-14.710204	6.694098	2.926002
650	6	0	-15.946579	6.798414	2.878241
651	6	0	-16.606811	8.194965	2.752940
652	7	0	-16.796854	5.749641	2.903311
653	7	0	-16.002608	9.102227	3.738800
654	1	0	-17.676012	8.129228	2.980258
655	6	0	-16.431855	8.654842	1.325321
656	1	0	-17.808601	5.918576	2.899558
657	6	0	-16.314017	4.364175	3.045534
658	6	0	-16.711151	9.654833	4.752856
659	1	0	-15.005274	9.315762	3.657098
660	1	0	-15.349122	8.721384	1.052836
661	1	0	-16.928503	7.923559	0.641565
662	1	0	-16.899611	9.657743	1.173445
663	6	0	-17.083918	3.474036	2.044836
664	6	0	-16.520918	3.786695	4.425993
665	1	0	-15.244476	4.369912	2.813123
666	6	0	-15.911927	10.541451	5.695824
667	8	0	-17.926377	9.463609	4.932789
668	8	0	-18.319906	3.401632	2.088969
669	7	0	-16.314317	2.791542	1.165115
670	1	0	-17.608155	3.743674	4.684671
671	1	0	-16.107823	2.748945	4.455493
672	1	0	-15.993582	4.401966	5.194652
673	1	0	-16.417159	11.509758	5.771800
674	1	0	-15.923568	10.085035	6.691911
675	1	0	-14.878735	10.680823	5.368285
676	1	0	-15.304603	2.956105	1.151667
677	6	0	-16.911886	1.910359	0.150992
678	6	0	-16.296458	0.497140	0.272174
679	1	0	-17.985998	1.876662	0.359896
680	6	0	-16.693248	2.380235	-1.267537
681	8	0	-15.066704	0.337459	0.230913
682	7	0	-17.191882	-0.509348	0.385616
683	1	0	-15.603798	2.414969	-1.516173
684	1	0	-17.196635	1.673150	-1.971220
685	1	0	-17.126107	3.399136	-1.416772
686	1	0	-18.181238	-0.278571	0.508755

687	6	0	-16.782758	-1.922686	0.448641
688	6	0	-17.356209	-2.674171	-0.780590
689	1	0	-15.687794	-1.941119	0.426998
690	6	0	-17.277518	-2.632460	1.685442
691	8	0	-18.569980	-2.632410	-1.032142
692	7	0	-16.454118	-3.374728	-1.505254
693	1	0	-18.396421	-2.647508	1.719534
694	1	0	-16.908296	-3.687071	1.676519
695	1	0	-16.899785	-2.130403	2.608964
696	1	0	-15.456940	-3.282910	-1.292231
697	6	0	-16.851207	-4.115903	-2.712555
698	6	0	-16.379599	-5.585758	-2.605351
699	1	0	-17.943895	-4.071958	-2.761047
700	6	0	-16.272415	-3.549887	-3.987774
701	8	0	-15.187051	-5.862476	-2.403466
702	7	0	-17.352724	-6.506708	-2.788449
703	1	0	-16.591570	-2.488910	-4.129650
704	1	0	-15.154973	-3.587844	-3.972453
705	1	0	-16.636981	-4.150350	-4.856749
706	1	0	-18.324775	-6.193068	-2.853938
707	6	0	-17.075024	-7.953465	-2.797107
708	6	0	-17.218233	-8.501668	-4.241696
709	1	0	-16.042323	-8.080252	-2.451970
710	6	0	-18.006342	-8.739495	-1.908623
711	8	0	-18.297091	-8.428878	-4.854186
712	7	0	-16.108634	-9.056516	-4.762870
713	1	0	-17.953972	-8.375462	-0.853911
714	1	0	-19.065359	-8.655791	-2.263545
715	1	0	-17.711288	-9.817072	-1.928906
716	1	0	-15.240664	-9.073055	-4.223399
717	6	0	-16.099983	-9.616140	-6.106872
718	1	0	-15.104996	-10.021333	-6.306668
719	1	0	-16.841161	-10.417988	-6.204459
720	1	0	-16.332512	-8.849910	-6.855931

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1	6	0	-5.937775	2.071814	0.877046
2	7	0	-4.618412	2.670245	0.632300
3	1	0	-4.637017	3.648434	0.359744
4	6	0	-3.481031	1.949095	0.489925
5	8	0	-3.402938	0.730615	0.688802
6	6	0	-2.260438	2.774791	0.020121
7	7	0	-1.041331	2.107101	0.483842
8	1	0	-1.045788	1.087358	0.546298
9	6	0	-6.929904	2.729985	-0.114701
10	8	0	-6.765100	3.894016	-0.496603
11	7	0	-7.971768	1.936328	-0.471628
12	1	0	-7.946105	0.940173	-0.228164
13	6	0	-8.994114	2.399039	-1.416339
14	6	0	-10.376133	1.917998	-0.920234
15	8	0	-10.587019	0.733620	-0.641175
16	7	0	-11.331830	2.883120	-0.848451
17	1	0	-11.055733	3.838011	-1.032517
18	1	0	-5.869101	0.997044	0.685331
19	1	0	-8.930611	3.494186	-1.426076
20	6	0	2.187764	-1.901700	0.597228
21	6	0	3.360313	-2.768647	0.080770
22	8	0	3.192891	-3.954589	-0.225728
23	7	0	4.545534	-2.119535	0.018245
24	1	0	4.597904	-1.116557	0.203881
25	6	0	5.775888	-2.789822	-0.410639
26	6	0	6.961096	-1.880431	-0.007388
27	8	0	6.794566	-0.673719	0.219073
28	7	0	8.160254	-2.495838	0.056804
29	1	0	8.269796	-3.474110	-0.199821
30	7	0	0.949522	-2.613759	0.265055
31	1	0	1.070894	-3.594006	0.021144
32	6	0	-0.249054	-1.998362	0.221073
33	8	0	-0.407798	-0.802671	0.509367
34	6	0	-1.430322	-2.873200	-0.251533
35	7	0	-2.665286	-2.264360	0.250619
36	1	0	-2.651267	-1.264176	0.453826
37	1	0	2.199343	-0.942793	0.067380
38	1	0	5.849568	-3.748461	0.122327
39	1	0	-1.346601	-3.878148	0.185360
40	6	0	1.306481	1.948140	1.155402
41	7	0	2.530450	2.672311	0.789034

42	1	0	2.398818	3.670008	0.640391
43	6	0	3.694401	2.063116	0.475547
44	8	0	3.877700	0.841764	0.566912
45	6	0	4.805700	3.007353	-0.040990
46	7	0	6.087049	2.308731	0.094455
47	1	0	6.067055	1.290834	0.177348
48	6	0	7.264212	2.968642	-0.006928
49	8	0	7.364914	4.185043	-0.207318
50	6	0	0.117116	2.792407	0.634598
51	8	0	0.249131	4.001871	0.413808
52	1	0	1.308307	0.971539	0.660883
53	1	0	4.839766	3.910372	0.585050
54	6	0	-5.020902	-2.188541	0.895839
55	6	0	-3.831805	-2.955671	0.272467
56	8	0	-3.960202	-4.117272	-0.126885
57	7	0	-6.249353	-2.729638	0.299890
58	1	0	-6.223795	-3.716487	0.063037
59	6	0	-7.317587	-1.967025	-0.013650
60	8	0	-7.373108	-0.752067	0.235136
61	6	0	-8.468756	-2.690644	-0.752435
62	7	0	-9.755954	-2.150857	-0.320983
63	1	0	-9.944696	-1.160195	-0.460802
64	6	0	-10.634576	-2.916551	0.399000
65	8	0	-10.432393	-4.101831	0.671897
66	1	0	-4.955724	-1.125069	0.644822
67	1	0	-8.484731	-3.752775	-0.475577
68	6	0	-11.901456	-2.193483	0.837829
69	1	0	-11.915122	-1.140547	0.543367
70	1	0	-12.763501	-2.710442	0.403200
71	1	0	-11.985584	-2.274105	1.926344
72	6	0	-12.702838	2.621264	-0.428317
73	1	0	-12.854110	1.540390	-0.422215
74	1	0	-12.892478	3.009429	0.580122
75	1	0	-13.409801	3.081263	-1.127366
76	6	0	9.424686	-1.785219	0.289027
77	1	0	9.314702	-0.753044	-0.058541
78	6	0	8.521660	2.080379	0.160837
79	1	0	8.416301	1.199573	-0.483369
80	1	0	9.470009	3.868289	-0.400858
81	6	0	10.861977	2.337732	-0.615109
82	6	0	11.922096	3.307885	-1.111974
83	1	0	11.573800	4.344001	-1.157799
84	1	0	12.790027	3.249052	-0.447384

85	1	0	12.246810	2.992397	-2.108672
86	8	0	11.099836	1.122196	-0.515849
87	7	0	9.662461	2.875371	-0.301328
88	6	0	10.509537	-2.514224	-0.542395
89	1	0	11.490962	-0.727950	-0.716469
90	6	0	12.695040	-2.243049	-1.639671
91	1	0	13.633478	-1.969999	-1.143064
92	1	0	12.615910	-3.330860	-1.689353
93	1	0	12.710155	-1.843134	-2.661721
94	8	0	10.388977	-3.714306	-0.814720
95	7	0	11.556539	-1.731645	-0.891511
96	6	0	9.860289	-1.747520	1.733819
97	1	0	9.081705	-1.247610	2.362004
98	1	0	10.038157	-2.773919	2.136636
99	1	0	10.808393	-1.160269	1.814303
100	6	0	8.625148	1.597408	1.586405
101	1	0	8.585778	2.443085	2.313729
102	1	0	7.782493	0.891381	1.798365
103	1	0	9.586211	1.041668	1.734108
104	6	0	4.473129	3.441298	-1.450015
105	1	0	4.347843	2.565340	-2.131254
106	1	0	3.526064	4.033905	-1.452117
107	1	0	5.293628	4.088847	-1.850694
108	6	0	5.852363	-3.081900	-1.890911
109	1	0	4.974524	-3.703499	-2.200594
110	1	0	5.853535	-2.143281	-2.495974
111	1	0	6.785384	-3.653536	-2.116863
112	6	0	2.371257	-1.613255	2.066908
113	1	0	1.473611	-1.076110	2.466754
114	1	0	2.520859	-2.548697	2.657062
115	1	0	3.260792	-0.947193	2.201856
116	6	0	1.137185	1.714441	2.636773
117	1	0	1.032951	2.674644	3.197113
118	1	0	0.221636	1.094606	2.806012
119	1	0	2.018115	1.158120	3.044134
120	6	0	-1.362642	-3.022728	-1.753866
121	1	0	-2.228990	-3.633437	-2.113096
122	1	0	-1.389255	-2.031457	-2.267375
123	1	0	-0.418432	-3.547471	-2.038924
124	6	0	-2.349312	2.956276	-1.478025
125	1	0	-2.367394	1.974250	-2.009774
126	1	0	-3.279683	3.518908	-1.735596
127	1	0	-1.470151	3.542745	-1.844519

128	6	0	-4.947871	-2.324707	2.397855
129	1	0	-4.949521	-3.396469	2.712978
130	1	0	-4.007681	-1.843713	2.764004
131	1	0	-5.817457	-1.813340	2.878845
132	6	0	-6.457999	2.272721	2.279255
133	1	0	-6.604831	3.355496	2.511410
134	1	0	-7.438975	1.746096	2.381218
135	1	0	-5.747026	1.843891	3.027103
136	6	0	-8.212582	-2.572472	-2.236222
137	1	0	-8.201511	-1.503529	-2.563254
138	1	0	-7.223209	-3.031016	-2.480152
139	1	0	-9.004512	-3.109246	-2.813647
140	6	0	-8.813329	1.896960	-2.830134
141	1	0	-7.832281	2.235019	-3.244198
142	1	0	-8.851707	0.780009	-2.869540
143	1	0	-9.630204	2.302654	-3.475407
144	1	0	-2.282942	3.771734	0.479611





AP PI (Ac-AAAAAA-NHMe)<sub>3</sub>

1	6	0	5.731049	-0.006912	-0.856261
2	7	0	4.458378	0.376309	-0.221624
3	1	0	4.364735	1.333566	0.123602
4	6	0	3.406807	-0.467209	-0.147845
5	8	0	3.393963	-1.612215	-0.625217
6	6	0	2.194689	0.072248	0.647002
7	7	0	0.956723	-0.351953	-0.025439
8	1	0	0.868407	-1.336251	-0.293059
9	6	0	6.883824	0.510713	0.033734
10	8	0	6.849413	1.661350	0.502434
11	7	0	7.904914	-0.351960	0.217575
12	1	0	7.819018	-1.313820	-0.130438
13	6	0	9.086137	-0.003796	1.025175
14	6	0	10.363213	-0.401290	0.248317
15	8	0	10.495353	-1.542122	-0.222084
16	7	0	11.309171	0.554004	0.157609
17	1	0	11.130000	1.500628	0.497325
18	1	0	5.757661	-1.098918	-0.916975
19	1	0	9.051427	1.078854	1.190196
20	6	0	-2.179413	-4.574432	-0.876619
21	6	0	-3.205897	-5.239424	0.072455
22	8	0	-3.018510	-6.376837	0.516115
23	7	0	-4.306866	-4.485387	0.313828
24	1	0	-4.310827	-3.499854	0.040991
25	6	0	-5.404084	-4.972537	1.152216
26	6	0	-6.711913	-4.301007	0.675552
27	8	0	-6.703709	-3.178024	0.150055
28	7	0	-7.837683	-5.011690	0.897585
29	1	0	-7.801388	-5.876874	1.428901
30	7	0	-0.853509	-5.102855	-0.528567
31	1	0	-0.835730	-6.073862	-0.232849
32	6	0	0.241574	-4.323990	-0.393120
33	8	0	0.251967	-3.110232	-0.646998
34	6	0	1.500968	-5.042490	0.140549
35	7	0	2.674760	-4.453097	-0.506704
36	1	0	2.718143	-3.435056	-0.591146
37	1	0	-2.165117	-3.491197	-0.721955
38	1	0	-5.462035	-6.059894	1.014099
39	1	0	1.486257	-6.105270	-0.131942
40	6	0	-1.297364	-0.123672	-0.948884
41	7	0	-2.543022	0.335362	-0.313833

42	1	0	-2.639150	1.332460	-0.110569
43	6	0	-3.583050	-0.493897	-0.076358
44	8	0	-3.596557	-1.699052	-0.370799
45	6	0	-4.777402	0.157560	0.662649
46	7	0	-6.034727	-0.374449	0.114926
47	1	0	-6.158311	-1.390487	0.094750
48	6	0	-7.050118	0.422509	-0.273026
49	8	0	-7.019692	1.664239	-0.219539
50	6	0	-0.097859	0.475390	-0.177887
51	8	0	-0.123580	1.652497	0.218671
52	1	0	-1.278144	-1.216458	-0.890044
53	1	0	-4.777902	1.239428	0.498328
54	6	0	4.884217	-4.408423	-1.538957
55	6	0	3.774206	-5.195132	-0.801529
56	8	0	3.896013	-6.399593	-0.561343
57	7	0	6.182268	-4.952695	-1.118351
58	1	0	6.246507	-5.962428	-1.053762
59	6	0	7.217915	-4.177655	-0.727017
60	8	0	7.178020	-2.937267	-0.746886
61	6	0	8.466225	-4.933478	-0.213658
62	7	0	9.675479	-4.319771	-0.758662
63	1	0	9.886269	-3.349737	-0.522498
64	6	0	10.444190	-4.980980	-1.678440
65	8	0	10.204259	-6.128971	-2.062590
66	1	0	4.859831	-3.353116	-1.250832
67	1	0	8.464082	-5.965774	-0.586332
68	6	0	11.639508	-4.191063	-2.195561
69	1	0	11.691773	-3.180048	-1.782700
70	1	0	12.552525	-4.741370	-1.944310
71	1	0	11.575922	-4.143549	-3.287516
72	6	0	12.579592	0.303355	-0.510098
73	1	0	13.018191	-0.634586	-0.154948
74	1	0	12.453692	0.226308	-1.597598
75	1	0	13.256532	1.131464	-0.286308
76	6	0	-9.186616	-4.458946	0.703987
77	1	0	-9.089589	-3.380871	0.544782
78	6	0	-8.283213	-0.316562	-0.851594
79	1	0	-8.325920	-1.334732	-0.452247
80	1	0	-9.642098	1.343129	-0.702899
81	6	0	-10.461050	-0.230096	0.329385
82	6	0	-11.649785	0.641458	0.702355
83	1	0	-11.587521	1.646469	0.278766
84	1	0	-12.563773	0.148065	0.355557

85	1	0	-11.703447	0.704446	1.794434
86	8	0	-10.388329	-1.411191	0.711362
87	7	0	-9.510413	0.369431	-0.428049
88	6	0	-9.990306	-4.745586	1.997271
89	1	0	-10.902785	-2.933826	1.755896
90	6	0	-11.792746	-3.911752	3.448836
91	1	0	-12.834545	-3.726186	3.161883
92	1	0	-11.704663	-4.921474	3.855080
93	1	0	-11.510700	-3.193530	4.229993
94	8	0	-9.779587	-5.772500	2.652136
95	7	0	-10.919202	-3.804370	2.290479
96	6	0	-9.931432	-5.056792	-0.464113
97	1	0	-9.368101	-4.896712	-1.415543
98	1	0	-10.092448	-6.154034	-0.328001
99	1	0	-10.927476	-4.557353	-0.552939
100	6	0	-8.114648	-0.392543	-2.350238
101	1	0	-8.048129	0.626340	-2.805269
102	1	0	-7.175715	-0.951750	-2.585483
103	1	0	-8.974414	-0.932688	-2.816385
104	6	0	-4.600404	-0.105784	2.139857
105	1	0	-4.584347	-1.202018	2.358986
106	1	0	-3.633873	0.341120	2.479422
107	1	0	-5.430602	0.360041	2.724664
108	6	0	-5.240675	-4.699295	2.630300
109	1	0	-4.304678	-5.179795	3.008701
110	1	0	-5.185314	-3.602810	2.839370
111	1	0	-6.107874	-5.126389	3.190808
112	6	0	-2.597599	-4.849242	-2.300806
113	1	0	-1.860022	-4.412238	-3.017490
114	1	0	-2.678098	-5.945500	-2.500290
115	1	0	-3.593609	-4.376607	-2.485715
116	6	0	-1.161773	0.281418	-2.398034
117	1	0	-1.165112	1.393365	-2.511999
118	1	0	-0.198805	-0.116894	-2.802184
119	1	0	-2.001058	-0.140178	-3.003098
120	6	0	1.492143	-4.945012	1.649186
121	1	0	2.378918	-5.475031	2.075900
122	1	0	1.518099	-3.880519	1.988994
123	1	0	0.565976	-5.425400	2.049116
124	6	0	2.320828	-0.424234	2.068736
125	1	0	2.322280	-1.541421	2.110865
126	1	0	3.278398	-0.048763	2.505972
127	1	0	1.474397	-0.046780	2.692659

128	6	0	4.627399	-4.511128	-3.023220
129	1	0	4.609874	-5.575658	-3.362257
130	1	0	3.638516	-4.044945	-3.255685
131	1	0	5.418527	-3.969733	-3.597198
132	6	0	5.924667	0.558665	-2.243054
133	1	0	5.929205	1.675907	-2.230251
134	1	0	6.902281	0.201508	-2.650578
135	1	0	5.109450	0.213496	-2.924581
136	6	0	8.406019	-4.951110	1.295010
137	1	0	8.419608	-3.914336	1.713180
138	1	0	7.464263	-5.455666	1.622213
139	1	0	9.275447	-5.513135	1.715196
140	6	0	9.130721	-0.695033	2.367525
141	1	0	8.232639	-0.433262	2.977962
142	1	0	9.169147	-1.806182	2.247397
143	1	0	10.044832	-0.366598	2.920107
144	6	0	-1.990901	5.088753	-0.531694
145	6	0	-3.271961	4.364497	-0.058726
146	8	0	-3.272675	3.150147	0.182288
147	7	0	-4.371935	5.147039	0.039666
148	1	0	-4.332528	6.118573	-0.249375
149	6	0	-5.714316	4.611916	0.309351
150	6	0	-6.664880	5.152526	-0.786066
151	8	0	-6.538981	6.298895	-1.228842
152	7	0	-7.631095	4.274320	-1.160622
153	1	0	-7.575169	3.302616	-0.837567
154	7	0	-0.841129	4.468065	0.128355
155	1	0	-0.800999	3.446424	0.173186
156	6	0	0.233809	5.193458	0.524755
157	8	0	0.362799	6.412237	0.368682
158	6	0	1.314249	4.364969	1.261334
159	7	0	2.607215	5.021635	1.029327
160	1	0	2.573154	6.033973	0.956883
161	1	0	-2.004720	6.142146	-0.224676
162	1	0	-5.652431	3.520798	0.257704
163	1	0	1.364210	3.354842	0.844163
164	6	0	4.939254	5.235786	0.330886
165	6	0	3.733002	4.346017	0.707028
166	8	0	3.806959	3.110403	0.683831
167	7	0	6.169361	4.500714	0.634326
168	1	0	6.160916	3.478797	0.566434
169	6	0	7.331520	5.149310	0.881900
170	8	0	7.459389	6.380036	0.879931

171	6	0	8.533343	4.224652	1.199281
172	7	0	9.737932	5.050890	1.086335
173	1	0	9.565620	6.052214	1.094347
174	6	0	10.974514	4.532259	0.924885
175	8	0	11.192238	3.309743	0.883697
176	1	0	4.939792	6.146816	0.944187
177	1	0	8.578309	3.424828	0.451160
178	6	0	12.109651	5.534224	0.784378
179	1	0	11.777568	6.575066	0.842729
180	1	0	12.843567	5.345273	1.574297
181	1	0	12.607555	5.368128	-0.176349
182	6	0	-8.630839	4.622557	-2.173856
183	1	0	-8.521645	5.700067	-2.349033
184	6	0	-10.034065	4.283237	-1.622215
185	1	0	-10.622595	6.194902	-2.012463
186	6	0	-12.323287	5.158668	-1.244160
187	1	0	-13.006357	5.587624	-1.985000
188	1	0	-12.542470	4.096150	-1.124640
189	1	0	-12.478443	5.660978	-0.281151
190	8	0	-10.299783	3.162961	-1.170496
191	7	0	-10.943785	5.289753	-1.696505
192	6	0	-8.464471	3.899206	-3.489236
193	1	0	-7.466949	4.124632	-3.938995
194	1	0	-8.552483	2.792474	-3.354802
195	1	0	-9.258869	4.234314	-4.199856
196	6	0	-6.271700	5.004238	1.655641
197	1	0	-5.601936	4.650794	2.477161
198	1	0	-6.386827	6.112088	1.743892
199	1	0	-7.274536	4.527955	1.786265
200	6	0	-1.956296	5.038030	-2.042159
201	1	0	-1.051609	5.569500	-2.427304
202	1	0	-1.932607	3.984226	-2.413954
203	1	0	-2.864743	5.541925	-2.453708
204	6	0	0.926042	4.260644	2.716464
205	1	0	1.704622	3.702012	3.291244
206	1	0	0.799191	5.268856	3.180497
207	1	0	-0.040106	3.703824	2.796130
208	6	0	4.793275	5.655229	-1.114288
209	1	0	4.753032	4.771154	-1.795722
210	1	0	3.854046	6.247045	-1.240983
211	1	0	5.658509	6.296722	-1.415512
212	6	0	8.338091	3.577481	2.548627
213	1	0	8.123670	4.332541	3.342292

214	1	0	7.483883	2.856544	2.488219
215	1	0	9.256522	3.007903	2.837803
216	1	0	2.207264	1.166329	0.660002

AP PI (Ac-AAAAAA-NHMe)<sub>4</sub>

1	6	0	5.630093	-2.367614	-1.360775
2	7	0	4.395376	-1.985050	-0.657464
3	1	0	4.284289	-1.008033	-0.373315
4	6	0	3.372102	-2.846116	-0.468563
5	8	0	3.356928	-4.017368	-0.877608
6	6	0	2.201904	-2.282965	0.372401
7	7	0	0.929315	-2.747686	-0.200459
8	1	0	0.817973	-3.749473	-0.378842
9	6	0	6.837017	-1.840307	-0.550394
10	8	0	6.836449	-0.684342	-0.090809
11	7	0	7.864594	-2.703218	-0.423310
12	1	0	7.755103	-3.667369	-0.757972
13	6	0	9.102337	-2.345094	0.289394
14	6	0	10.316258	-2.710588	-0.596701
15	8	0	10.449300	-3.850259	-1.069580
16	7	0	11.206979	-1.713580	-0.778256
17	1	0	10.997245	-0.783344	-0.409606
18	1	0	5.657502	-3.460251	-1.413102
19	1	0	9.071196	-1.264845	0.462169
20	6	0	-2.212534	-6.991566	-0.526794
21	6	0	-3.157691	-7.596258	0.539557
22	8	0	-2.935932	-8.708913	1.028819
23	7	0	-4.232400	-6.821885	0.827289
24	1	0	-4.257611	-5.853382	0.498593
25	6	0	-5.263885	-7.253283	1.772684
26	6	0	-6.601945	-6.599888	1.356918
27	8	0	-6.629247	-5.504014	0.778631
28	7	0	-7.709057	-7.295000	1.692869
29	1	0	-7.636644	-8.137349	2.256170
30	7	0	-0.863302	-7.512021	-0.266330
31	1	0	-0.822974	-8.466059	0.078543
32	6	0	0.240968	-6.735075	-0.272286
33	8	0	0.230293	-5.536710	-0.590590
34	6	0	1.544828	-7.430617	0.180505
35	7	0	2.657206	-6.853331	-0.576772
36	1	0	2.677789	-5.838980	-0.704965
37	1	0	-2.181442	-5.902041	-0.430781
38	1	0	-5.334803	-8.346345	1.702434
39	1	0	1.515897	-8.501261	-0.058388
40	6	0	-1.366090	-2.573891	-1.028903
41	7	0	-2.563050	-2.061506	-0.344938



42	1	0	-2.664799	-1.047511	-0.246971
43	6	0	-3.560541	-2.868252	0.079153
44	8	0	-3.583683	-4.098022	-0.086394
45	6	0	-4.679869	-2.147063	0.867733
46	7	0	-5.988107	-2.696698	0.480065
47	1	0	-6.123061	-3.708957	0.544806
48	6	0	-7.033673	-1.905566	0.161426
49	8	0	-6.982528	-0.664013	0.135563
50	6	0	-0.117192	-1.918922	-0.391792
51	8	0	-0.103947	-0.706029	-0.120455
52	1	0	-1.340395	-3.658397	-0.883367
53	1	0	-4.686813	-1.081024	0.621544
54	6	0	4.763491	-6.821561	-1.803739
55	6	0	3.735527	-7.593929	-0.942411
56	8	0	3.894898	-8.788075	-0.673332
57	7	0	6.101165	-7.343474	-1.493342
58	1	0	6.179555	-8.349750	-1.396878
59	6	0	7.163896	-6.549065	-1.237206
60	8	0	7.112622	-5.310673	-1.301130
61	6	0	8.461643	-7.280527	-0.819121
62	7	0	9.614319	-6.655629	-1.464385
63	1	0	9.820983	-5.675882	-1.267190
64	6	0	10.328605	-7.323338	-2.422470
65	8	0	10.088998	-8.486032	-2.759824
66	1	0	4.755288	-5.758296	-1.545576
67	1	0	8.445172	-8.316405	-1.181695
68	6	0	11.462718	-6.520871	-3.047181
69	1	0	11.520332	-5.498131	-2.665275
70	1	0	12.405058	-7.043691	-2.851535
71	1	0	11.316595	-6.504483	-4.132098
72	6	0	12.421653	-1.900167	-1.558102
73	1	0	12.789035	-2.921446	-1.427547
74	1	0	12.245644	-1.735854	-2.629648
75	1	0	13.181460	-1.192399	-1.213425
76	6	0	-9.068996	-6.751007	1.563338
77	1	0	-8.987708	-5.677332	1.369110
78	6	0	-8.333198	-2.654846	-0.225775
79	1	0	-8.323513	-3.662754	0.201315
80	1	0	-9.645868	-0.975891	0.077861
81	6	0	-10.359679	-2.543308	1.195588
82	6	0	-11.487794	-1.659374	1.702572
83	1	0	-11.469589	-0.658942	1.264670
84	1	0	-12.440243	-2.149156	1.474270

85	1	0	-11.407225	-1.587820	2.792727
86	8	0	-10.260829	-3.728892	1.562575
87	7	0	-9.489823	-1.951272	0.343192
88	6	0	-9.793537	-7.005025	2.908944
89	1	0	-10.724194	-5.201967	2.673966
90	6	0	-11.512461	-6.139348	4.439768
91	1	0	-12.568516	-5.954213	4.210426
92	1	0	-11.404703	-7.140771	4.861677
93	1	0	-11.182759	-5.406445	5.188103
94	8	0	-9.539155	-8.013113	3.578303
95	7	0	-10.708720	-6.060064	3.230054
96	6	0	-9.879312	-7.382806	0.458160
97	1	0	-9.373149	-7.248429	-0.528720
98	1	0	-10.028616	-8.475983	0.634054
99	1	0	-10.880268	-6.887252	0.413964
100	6	0	-8.368350	-2.766732	-1.731492
101	1	0	-8.369844	-1.758345	-2.214215
102	1	0	-7.466553	-3.328324	-2.078858
103	1	0	-9.280293	-3.319783	-2.063988
104	6	0	-4.369294	-2.302250	2.338743
105	1	0	-4.342745	-3.379348	2.637285
106	1	0	-3.371618	-1.846824	2.553674
107	1	0	-5.137825	-1.781019	2.959842
108	6	0	-4.988908	-6.895734	3.215737
109	1	0	-4.028994	-7.360592	3.551058
110	1	0	-4.914380	-5.789327	3.354952
111	1	0	-5.813593	-7.282413	3.863003
112	6	0	-2.751442	-7.335962	-1.894164
113	1	0	-2.074374	-6.945271	-2.692629
114	1	0	-2.855995	-8.440147	-2.027687
115	1	0	-3.756269	-6.862273	-2.019384
116	6	0	-1.333568	-2.287563	-2.511541
117	1	0	-1.346828	-1.188196	-2.713820
118	1	0	-0.400340	-2.720326	-2.948599
119	1	0	-2.212547	-2.752948	-3.020426
120	6	0	1.656867	-7.287790	1.681305
121	1	0	2.580499	-7.797895	2.050175
122	1	0	1.699753	-6.213363	1.986358
123	1	0	0.770900	-7.762786	2.169119
124	6	0	2.419448	-2.716022	1.803869
125	1	0	2.435300	-3.830297	1.893890
126	1	0	3.398079	-2.314359	2.164314
127	1	0	1.609137	-2.318307	2.462087

128	6	0	4.367918	-6.970223	-3.253339
129	1	0	4.326619	-8.044452	-3.557831
130	1	0	3.357952	-6.515882	-3.404467
131	1	0	5.096797	-6.442219	-3.915461
132	6	0	5.736931	-1.814359	-2.762183
133	1	0	5.727789	-0.696507	-2.759890
134	1	0	6.694131	-2.162973	-3.222039
135	1	0	4.888418	-2.175989	-3.392528
136	6	0	8.521414	-7.287008	0.689753
137	1	0	8.549448	-6.247124	1.099093
138	1	0	7.617766	-7.805379	1.093918
139	1	0	9.431306	-7.830503	1.043387
140	6	0	9.266945	-3.050803	1.614182
141	1	0	8.414550	-2.816315	2.296809
142	1	0	9.320033	-4.159309	1.476764
143	1	0	10.214327	-2.707687	2.097369
144	6	0	5.711240	7.029419	0.283758
145	7	0	4.352144	7.561313	0.460039
146	1	0	4.291273	8.506211	0.824470
147	6	0	3.243091	6.790362	0.377569
148	8	0	3.261634	5.601308	0.034051
149	6	0	1.924671	7.491431	0.778631
150	7	0	0.835342	6.906846	-0.005386
151	1	0	0.821427	5.891496	-0.134674
152	6	0	6.556589	7.486366	1.496979
153	8	0	6.385756	8.597540	2.009554
154	7	0	7.489549	6.581323	1.889652
155	1	0	7.467124	5.635479	1.493002
156	6	0	8.400165	6.853026	3.004990
157	6	0	9.844391	6.544843	2.548396
158	8	0	10.146568	5.458312	2.041500
159	7	0	10.746162	7.536931	2.770456
160	1	0	10.400401	8.423194	3.112670
161	1	0	5.640446	5.937982	0.257967
162	1	0	1.964206	8.559150	0.527751
163	1	0	8.276492	7.916121	3.246166
164	6	0	-2.074520	2.505300	-1.176262
165	6	0	-3.300544	1.909714	-0.445035
166	8	0	-3.310199	0.721484	-0.087455
167	7	0	-4.333350	2.760813	-0.271365
168	1	0	-4.232287	3.741797	-0.539894
169	6	0	-5.601619	2.336808	0.344385
170	6	0	-6.760510	2.837806	-0.546165

171	8	0	-6.776614	4.008000	-0.963052
172	7	0	-7.728126	1.930471	-0.795416
173	1	0	-7.608379	0.965827	-0.467119
174	7	0	-0.856050	2.045037	-0.494323
175	1	0	-0.741132	1.038024	-0.339686
176	6	0	0.141859	2.884530	-0.149297
177	8	0	0.148300	4.102719	-0.393619
178	6	0	1.291092	2.229339	0.649462
179	7	0	2.576600	2.751752	0.160552
180	1	0	2.689827	3.764640	0.084124
181	1	0	-2.092350	3.597964	-1.119070
182	1	0	-5.597183	1.243379	0.385691
183	1	0	1.294612	1.146889	0.488033
184	6	0	-1.236582	6.861066	-1.288459
185	7	0	-2.554626	7.484226	-1.108660
186	1	0	-2.543527	8.489298	-0.963163
187	6	0	-3.688044	6.773936	-0.917091
188	8	0	-3.740838	5.538343	-0.980130
189	6	0	-4.937974	7.618397	-0.578447
190	7	0	-6.127984	6.867524	-0.985596
191	1	0	-6.100498	5.844760	-0.945024
192	6	0	-7.283793	7.496598	-1.302970
193	8	0	-7.440677	8.723705	-1.284782
194	6	0	-0.227396	7.643527	-0.413076
195	8	0	-0.394640	8.842757	-0.166767
196	1	0	-1.300313	5.822246	-0.951596
197	1	0	-4.925990	8.553547	-1.154026
198	6	0	4.896167	2.650761	-0.618311
199	6	0	3.630176	1.941512	-0.079720
200	8	0	3.608552	0.710634	0.074579
201	7	0	6.079131	2.063333	0.028849
202	1	0	6.210877	1.047418	-0.032178
203	6	0	7.015576	2.810918	0.643979
204	8	0	6.987904	4.053390	0.704753
205	6	0	8.139750	2.006680	1.339559
206	7	0	9.426414	2.682790	1.130122
207	1	0	9.517913	3.656875	1.418918
208	6	0	10.506926	2.044780	0.617895
209	8	0	10.499892	0.846808	0.287730
210	1	0	4.872363	3.713847	-0.359571
211	1	0	8.218885	1.012228	0.889624
212	6	0	11.755140	2.896646	0.449760
213	1	0	11.626183	3.914906	0.823902

214	1	0	12.581826	2.408914	0.976609
215	1	0	12.013298	2.925053	-0.614330
216	6	0	12.156762	7.427009	2.419192
217	1	0	12.407545	6.368135	2.332154
218	1	0	12.373144	7.917910	1.461925
219	1	0	12.773016	7.881598	3.201607
220	6	0	-8.909456	2.252339	-1.611322
221	1	0	-8.867084	3.327727	-1.818102
222	6	0	-8.438380	6.553046	-1.724877
223	1	0	-8.519423	5.736709	-0.998139
224	1	0	-9.516281	8.356058	-1.666998
225	6	0	-10.898620	6.804827	-1.605604
226	6	0	-12.062667	7.780325	-1.531956
227	1	0	-11.751074	8.828631	-1.561805
228	1	0	-12.739263	7.581548	-2.369170
229	1	0	-12.617908	7.595694	-0.606703
230	8	0	-11.092422	5.577086	-1.587315
231	7	0	-9.666437	7.351184	-1.683554
232	6	0	-10.188576	1.897540	-0.817608
233	1	0	-10.956945	3.784668	-1.162611
234	6	0	-12.407540	2.639702	-0.102852
235	1	0	-13.066929	3.478044	-0.339496
236	1	0	-12.868372	1.705506	-0.440207
237	1	0	-12.278549	2.579734	0.985257
238	8	0	-10.322521	0.782304	-0.285591
239	7	0	-11.134846	2.854024	-0.778934
240	6	0	-8.960547	1.507033	-2.923841
241	1	0	-8.062758	1.739082	-3.546652
242	1	0	-9.002851	0.401804	-2.758295
243	1	0	-9.874566	1.816544	-3.487378
244	6	0	-8.132731	5.939127	-3.069218
245	1	0	-7.882712	6.715486	-3.831302
246	1	0	-7.266746	5.237907	-2.962798
247	1	0	-9.013639	5.353494	-3.433129
248	6	0	-4.891516	7.980023	0.888784
249	1	0	-4.867827	7.069129	1.534824
250	1	0	-3.978995	8.589992	1.097896
251	1	0	-5.790943	8.585733	1.162538
252	6	0	-5.818642	2.877591	1.737361
253	1	0	-5.001067	2.542681	2.421017
254	1	0	-5.849458	3.994671	1.739385
255	1	0	-6.790910	2.492556	2.131912
256	6	0	-2.158310	2.096809	-2.627861

257	1	0	-1.296688	2.513684	-3.203945
258	1	0	-2.153526	0.984106	-2.737405
259	1	0	-3.105509	2.494998	-3.067509
260	6	0	-0.739297	6.869545	-2.713808
261	1	0	-0.590083	7.910608	-3.090313
262	1	0	0.236604	6.326086	-2.761390
263	1	0	-1.465577	6.350828	-3.386178
264	6	0	1.039004	2.498721	2.114947
265	1	0	1.836665	2.031993	2.742615
266	1	0	1.014479	3.595605	2.328444
267	1	0	0.054946	2.055793	2.405704
268	6	0	1.763602	7.367137	2.276692
269	1	0	1.717164	6.296669	2.594326
270	1	0	2.629283	7.854511	2.788145
271	1	0	0.824964	7.875648	2.608189
272	6	0	4.895327	2.517951	-2.122602
273	1	0	4.911721	1.444686	-2.435719
274	1	0	3.972066	2.995884	-2.532828
275	1	0	5.785593	3.029161	-2.563276
276	6	0	6.396590	7.500621	-0.975438
277	1	0	6.528267	8.610087	-0.979296
278	1	0	7.403389	7.019448	-1.042668
279	1	0	5.804684	7.210749	-1.877688
280	6	0	7.758255	1.850891	2.793103
281	1	0	7.647853	2.844097	3.293996
282	1	0	6.784648	1.305978	2.860089
283	1	0	8.532286	1.261263	3.341951
284	6	0	8.124672	6.039843	4.247547
285	1	0	7.094019	6.240935	4.628915
286	1	0	8.220958	4.944698	4.042290
287	1	0	8.858679	6.317517	5.042813
288	1	0	2.200260	-1.189430	0.334307

AP Pl (Ac-AAAAAA-NHMe)<sub>5</sub>

1	6	0	6.295902	-9.071525	-1.844276
2	7	0	5.262010	-8.699871	-0.876424
3	1	0	5.181644	-7.713776	-0.615287
4	6	0	4.302996	-9.574523	-0.484798
5	8	0	4.198148	-10.737162	-0.889599
6	6	0	3.338434	-9.014155	0.588289
7	7	0	2.049276	-9.700805	0.426765
8	1	0	2.104627	-10.674218	0.144081
9	6	0	7.560001	-8.233280	-1.544811
10	8	0	7.477842	-7.104534	-1.039704
11	7	0	8.729047	-8.809371	-1.896682
12	1	0	8.739401	-9.694450	-2.395195
13	6	0	10.014791	-8.097134	-1.867810
14	6	0	10.720079	-8.366939	-3.220233
15	8	0	10.568598	-9.446469	-3.803756
16	7	0	11.502877	-7.347310	-3.646537
17	1	0	11.436439	-6.454576	-3.152217
18	1	0	6.504872	-10.140095	-1.705083
19	1	0	9.808307	-7.029000	-1.751507
20	6	0	-1.663603	-4.912940	-0.340912
21	6	0	-2.706521	-5.551216	0.606893
22	8	0	-2.529754	-6.687909	1.073298
23	7	0	-3.806864	-4.799520	0.822560
24	1	0	-3.824788	-3.832525	0.485828
25	6	0	-4.940437	-5.273177	1.632386
26	6	0	-6.252722	-4.911217	0.897759
27	8	0	-6.406187	-3.788768	0.385562
28	7	0	-7.193114	-5.877661	0.899729
29	1	0	-6.954675	-6.808365	1.259646
30	7	0	-0.313982	-5.196166	0.171636
31	1	0	-0.080045	-6.164598	0.406087
32	6	0	0.639743	-4.246446	0.248417
33	8	0	0.473960	-3.063414	-0.094597
34	6	0	1.986567	-4.716246	0.848808
35	7	0	3.081083	-4.105234	0.080150
36	1	0	3.056698	-3.092944	-0.073333
37	1	0	-1.787108	-3.825959	-0.362701
38	1	0	-4.849273	-6.359255	1.729727
39	1	0	2.082110	-5.802627	0.756528
40	6	0	-0.371283	-9.924975	0.112534
41	7	0	-1.505433	-9.433445	0.897653

42	1	0	-1.641749	-8.422223	0.967243
43	6	0	-2.474327	-10.268724	1.355362
44	8	0	-2.506178	-11.486723	1.156854
45	6	0	-3.544423	-9.569315	2.227233
46	7	0	-4.827510	-10.249452	2.005585
47	1	0	-4.797607	-11.261742	1.958067
48	6	0	-5.986845	-9.589464	1.788063
49	8	0	-6.073965	-8.351885	1.807507
50	6	0	0.862108	-9.057221	0.450997
51	8	0	0.747455	-7.847931	0.699491
52	1	0	-0.203852	-10.968130	0.409417
53	1	0	-3.664933	-8.526028	1.920085
54	6	0	5.135385	-4.008114	-1.233466
55	6	0	4.150382	-4.809899	-0.349174
56	8	0	4.332378	-6.015925	-0.118416
57	7	0	6.517623	-4.375782	-0.889005
58	1	0	6.767034	-5.368135	-0.894937
59	6	0	7.477638	-3.449400	-0.688095
60	8	0	7.282485	-2.223195	-0.744165
61	6	0	8.873926	-4.015127	-0.327727
62	7	0	9.911285	-3.213438	-0.989490
63	1	0	9.950010	-2.209313	-0.797978
64	6	0	10.816892	-3.751445	-1.840692
65	8	0	10.856408	-4.963392	-2.123118
66	1	0	5.024710	-2.936267	-1.043889
67	1	0	8.968523	-5.039549	-0.701701
68	6	0	11.801574	-2.771787	-2.458559
69	1	0	11.677789	-1.754436	-2.080972
70	1	0	12.817160	-3.126265	-2.253624
71	1	0	11.662313	-2.781788	-3.545159
72	6	0	12.273644	-7.424244	-4.877557
73	1	0	12.258115	-8.457407	-5.230806
74	1	0	11.846350	-6.780128	-5.657453
75	1	0	13.311390	-7.117503	-4.700418
76	6	0	-8.514776	-5.683018	0.279944
77	1	0	-8.626301	-4.610574	0.091782
78	6	0	-7.215144	-10.477288	1.474830
79	1	0	-7.051912	-11.494265	1.853839
80	1	0	-8.728383	-9.034389	1.973147
81	6	0	-8.923203	-10.669473	3.236061
82	6	0	-10.096030	-9.982735	3.924177
83	1	0	-10.325489	-9.003716	3.495110
84	1	0	-10.971946	-10.635991	3.849817



85	1	0	-9.857244	-9.874667	4.987258
86	8	0	-8.505665	-11.771730	3.602575
87	7	0	-8.386965	-9.972236	2.187650
88	6	0	-9.604733	-6.171050	1.262676
89	1	0	-10.516423	-4.338070	1.117616
90	6	0	-11.709807	-5.599628	2.378689
91	1	0	-12.554878	-4.952873	2.124992
92	1	0	-11.999987	-6.645638	2.246615
93	1	0	-11.454161	-5.449282	3.436191
94	8	0	-9.565744	-7.309621	1.756465
95	7	0	-10.591057	-5.283485	1.503297
96	6	0	-8.694925	-6.431744	-1.019128
97	1	0	-7.931684	-6.111955	-1.769321
98	1	0	-8.603915	-7.535485	-0.864757
99	1	0	-9.710779	-6.213586	-1.430398
100	6	0	-7.377403	-10.527871	-0.025403
101	1	0	-7.556762	-9.508567	-0.448234
102	1	0	-6.448380	-10.946140	-0.484254
103	1	0	-8.238451	-11.182802	-0.304606
104	6	0	-3.073446	-9.599239	3.661739
105	1	0	-2.901673	-10.645572	4.013940
106	1	0	-2.113933	-9.031819	3.742882
107	1	0	-3.827156	-9.118947	4.332328
108	6	0	-5.004003	-4.669477	3.015622
109	1	0	-4.078133	-4.911175	3.592154
110	1	0	-5.115149	-3.558126	2.969652
111	1	0	-5.882407	-5.094105	3.560874
112	6	0	-1.914614	-5.456106	-1.728544
113	1	0	-1.197162	-5.011310	-2.460275
114	1	0	-1.806116	-6.568485	-1.755883
115	1	0	-2.953274	-5.190397	-2.044201
116	6	0	-0.573499	-9.890721	-1.385249
117	1	0	-0.759573	-8.849886	-1.747660
118	1	0	0.337602	-10.289139	-1.894771
119	1	0	-1.446756	-10.526968	-1.671663
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121	1	0	2.940628	-4.688144	2.799200
122	1	0	1.875996	-3.257087	2.467119
123	1	0	1.136803	-4.877747	2.821369
124	6	0	3.971218	-9.205570	1.945551
125	1	0	4.208093	-10.279885	2.139774
126	1	0	4.919100	-8.614776	1.992017
127	1	0	3.288061	-8.842156	2.751665

128	6	0	4.776257	-4.284258	-2.675476
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130	1	0	3.721890	-3.962648	-2.859527
131	1	0	5.445936	-3.713074	-3.363488
132	6	0	5.914611	-8.856215	-3.291389
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135	1	0	5.005369	-9.456293	-3.542797
136	6	0	8.987154	-4.039646	1.178057
137	1	0	8.880106	-3.014671	1.611048
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142	1	0	11.213372	-9.612309	-0.853817
143	1	0	11.866153	-7.918815	-0.789946
144	6	0	4.576120	9.986383	0.647177
145	7	0	3.157930	10.357935	0.757187
146	1	0	2.969211	11.275183	1.147610
147	6	0	2.148921	9.475285	0.572994
148	8	0	2.322566	8.311738	0.187382
149	6	0	0.738238	10.008172	0.913653
150	7	0	-0.230776	9.337141	0.045095
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152	6	0	5.295518	10.486542	1.923025
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154	7	0	6.304312	9.677893	2.339300
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157	6	0	8.605697	9.858654	3.151675
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159	7	0	9.384581	10.925149	3.472614
160	1	0	8.928339	11.751263	3.835435
161	1	0	4.629498	8.895514	0.582182
162	1	0	0.671175	11.082907	0.701414
163	1	0	6.863915	11.042077	3.776397
164	6	0	-2.562230	4.645930	-1.352534
165	6	0	-3.756368	3.909017	-0.701666
166	8	0	-3.651484	2.726993	-0.339646
167	7	0	-4.891623	4.631818	-0.603601
168	1	0	-4.885377	5.622809	-0.853959
169	6	0	-6.138927	4.058012	-0.071747
170	6	0	-7.291406	4.440407	-1.026509

171	8	0	-7.426320	5.612626	-1.416473
172	7	0	-8.120007	3.429026	-1.359287
173	1	0	-7.900569	2.475787	-1.048548
174	7	0	-1.346698	4.331591	-0.587085
175	1	0	-1.127708	3.344980	-0.412506
176	6	0	-0.474475	5.281023	-0.191634
177	8	0	-0.589372	6.490867	-0.451432
178	6	0	0.688455	4.765882	0.686462
179	7	0	1.937653	5.418590	0.263703
180	1	0	1.950162	6.438251	0.191366
181	1	0	-2.712597	5.728995	-1.304404
182	1	0	-6.013762	2.971515	-0.041345
183	1	0	0.818256	3.688344	0.546895
184	6	0	-2.231424	9.104019	-1.330121
185	7	0	-3.621719	9.553788	-1.179709
186	1	0	-3.738507	10.543638	-0.984711
187	6	0	-4.667785	8.704305	-1.076991
188	8	0	-4.568247	7.476722	-1.206339
189	6	0	-6.021867	9.374797	-0.750245
190	7	0	-7.097960	8.520455	-1.258098
191	1	0	-6.955531	7.506413	-1.272080
192	6	0	-8.309733	9.031707	-1.579755
193	8	0	-8.609800	10.228586	-1.490393
194	6	0	-1.360525	9.958191	-0.376253
195	8	0	-1.683459	11.114439	-0.083833
196	1	0	-2.179504	8.049334	-1.043983
197	1	0	-6.096295	10.340588	-1.267467
198	6	0	4.292889	5.558722	-0.394667
199	6	0	3.078994	4.722465	0.078207
200	8	0	3.177132	3.495183	0.233108
201	7	0	5.494285	5.085699	0.309783
202	1	0	5.731502	4.089513	0.248641
203	6	0	6.307867	5.911953	0.995229
204	8	0	6.148368	7.143251	1.072706
205	6	0	7.462402	5.209849	1.749330
206	7	0	8.684593	6.015688	1.634932
207	1	0	8.657304	6.988829	1.940595
208	6	0	9.855368	5.499028	1.189723
209	8	0	9.993027	4.312258	0.846671
210	1	0	4.150531	6.612154	-0.134249
211	1	0	7.670065	4.238831	1.289590
212	6	0	11.018566	6.475432	1.115495
213	1	0	10.760591	7.469274	1.488605

214	1	0	11.853134	6.066473	1.694409
215	1	0	11.344228	6.546933	0.072175
216	6	0	10.821004	10.973029	3.230045
217	1	0	11.158210	9.963180	2.990140
218	1	0	11.061864	11.634814	2.388914
219	1	0	11.345856	11.326160	4.124310
220	6	0	-9.291614	3.628532	-2.227409
221	1	0	-9.368702	4.706064	-2.411843
222	6	0	-9.331214	7.991499	-2.104747
223	1	0	-9.338637	7.124585	-1.434344
224	1	0	-10.617641	9.649439	-1.980710
225	6	0	-11.805869	7.945921	-2.053253
226	6	0	-13.078960	8.772499	-1.963024
227	1	0	-12.892806	9.849689	-1.918470
228	1	0	-13.702938	8.550536	-2.834623
229	1	0	-13.634918	8.465635	-1.071294
230	8	0	-11.852443	6.705142	-2.109466
231	7	0	-10.645812	8.637010	-2.061798
232	6	0	-10.551856	3.103313	-1.499768
233	1	0	-11.504805	4.917102	-1.778062
234	6	0	-12.851039	3.579444	-0.812972
235	1	0	-13.575414	4.377009	-0.993700
236	1	0	-13.228643	2.641397	-1.233777
237	1	0	-12.730239	3.440031	0.268571
238	8	0	-10.583992	1.954171	-1.027692
239	7	0	-11.592535	3.955504	-1.443284
240	6	0	-9.191824	2.912344	-3.552879
241	1	0	-8.302271	3.265898	-4.128569
242	1	0	-9.105560	1.806721	-3.407463
243	1	0	-10.110775	3.120468	-4.153658
244	6	0	-8.912439	7.506964	-3.471286
245	1	0	-8.730891	8.355429	-4.173494
246	1	0	-7.974041	6.904576	-3.373668
247	1	0	-9.706028	6.848810	-3.905286
248	6	0	-6.077917	9.643292	0.736650
249	1	0	-5.975978	8.700640	1.327245
250	1	0	-5.251312	10.337190	1.025860
251	1	0	-7.051844	10.124759	1.002158
252	6	0	-6.499785	4.547790	1.310335
253	1	0	-5.693199	4.294180	2.040438
254	1	0	-6.655293	5.654450	1.321222
255	1	0	-7.445263	4.050968	1.639614
256	6	0	-2.498802	4.230535	-2.803285

257	1	0	-1.658049	4.749894	-3.324285
258	1	0	-2.350770	3.126731	-2.903117
259	1	0	-3.456074	4.509758	-3.307899
260	6	0	-1.685580	9.244896	-2.730525
261	1	0	-1.654793	10.313818	-3.053493
262	1	0	-0.647804	8.830100	-2.759717
263	1	0	-2.314867	8.673889	-3.456204
264	6	0	0.321152	5.027886	2.128654
265	1	0	1.123532	4.657314	2.811925
266	1	0	0.168789	6.119084	2.317732
267	1	0	-0.626955	4.487504	2.369899
268	6	0	0.505490	9.807982	2.394156
269	1	0	0.559927	8.726997	2.672917
270	1	0	1.279948	10.366290	2.974610
271	1	0	-0.501802	10.197577	2.682681
272	6	0	4.380756	5.438029	-1.897258
273	1	0	4.520829	4.374242	-2.211882
274	1	0	3.435688	5.823959	-2.352315
275	1	0	5.235953	6.039433	-2.291029
276	6	0	5.274811	10.577940	-0.552553
277	1	0	5.280672	11.694511	-0.513523
278	1	0	6.331621	10.214106	-0.573479
279	1	0	4.771677	10.258895	-1.497813
280	6	0	7.007495	4.983522	3.172183
281	1	0	6.763012	5.948691	3.680255
282	1	0	6.093353	4.340344	3.166597
283	1	0	7.801908	4.464135	3.761380
284	6	0	6.842993	9.131008	4.720501
285	1	0	5.775090	9.215227	5.037771
286	1	0	7.064244	8.057886	4.496706
287	1	0	7.492696	9.457693	5.568721
288	1	0	3.176325	-7.943711	0.429600
289	6	0	5.527565	0.604138	-0.993654
290	7	0	4.242919	0.883817	-0.334379
291	1	0	4.004513	1.857954	-0.128125
292	6	0	3.346837	-0.087163	-0.058965
293	8	0	3.505196	-1.284095	-0.347183
294	6	0	2.086007	0.387881	0.700670
295	7	0	0.903567	-0.237529	0.090641
296	1	0	0.886888	-1.258920	0.001967
297	6	0	6.656873	1.258939	-0.165668
298	8	0	6.555486	2.432481	0.232406
299	7	0	7.734138	0.477648	0.050196

300	1	0	7.710696	-0.503403	-0.249403
301	6	0	8.914645	0.958977	0.784657
302	6	0	10.170897	0.759634	-0.094895
303	8	0	10.438442	-0.344360	-0.599378
304	7	0	10.943584	1.853479	-0.241813
305	1	0	10.630920	2.745813	0.148397
306	1	0	5.655124	-0.482641	-1.016072
307	1	0	8.756213	2.024333	0.979869
308	6	0	-1.300569	-0.342895	-0.954757
309	7	0	-2.598260	0.049332	-0.384874
310	1	0	-2.835815	1.044802	-0.360590
311	6	0	-3.517898	-0.860225	0.003472
312	8	0	-3.363623	-2.088416	-0.087389
313	6	0	-4.797117	-0.261726	0.635678
314	7	0	-5.972517	-0.972479	0.109797
315	1	0	-6.003593	-1.993639	0.202027
316	6	0	-7.043260	-0.319779	-0.385880
317	8	0	-7.137041	0.919072	-0.445544
318	6	0	-0.184972	0.474857	-0.263959
319	8	0	-0.300943	1.701584	-0.098784
320	1	0	-1.164817	-1.410813	-0.756744
321	1	0	-4.898778	0.790776	0.354354
322	6	0	12.176220	1.822391	-1.015653
323	1	0	12.743152	0.915043	-0.786150
324	1	0	11.976941	1.833354	-2.095257
325	1	0	12.776092	2.699504	-0.758026
326	6	0	-8.167197	-1.227646	-0.938724
327	1	0	-8.063622	-2.240317	-0.536162
328	1	0	-9.709179	0.258903	-0.700305
329	6	0	-10.380010	-1.494452	0.134608
330	6	0	-11.669095	-0.802058	0.546883
331	1	0	-11.713552	0.237731	0.215421
332	1	0	-12.512360	-1.362916	0.130506
333	1	0	-11.750580	-0.845907	1.638552
334	8	0	-10.192798	-2.700209	0.379154
335	7	0	-9.468415	-0.712716	-0.490766
336	6	0	-8.013952	-1.281397	-2.440719
337	1	0	-8.106249	-0.263932	-2.894796
338	1	0	-7.006677	-1.695003	-2.692324
339	1	0	-8.792170	-1.943588	-2.892090
340	6	0	-1.188293	-0.106501	-2.442714
341	1	0	-1.314987	0.975908	-2.692392
342	1	0	-0.180006	-0.438144	-2.792398

343	1	0	-1.964837	-0.691612	-2.992830
344	6	0	5.620119	1.136472	-2.403918
345	1	0	5.504141	2.248266	-2.426601
346	1	0	6.618919	0.872962	-2.830566
347	1	0	4.828144	0.682937	-3.048139
348	6	0	9.146207	0.246093	2.095049
349	1	0	8.265272	0.363860	2.771598
350	1	0	9.328359	-0.845389	1.933693
351	1	0	10.042377	0.684846	2.598146
352	1	0	1.971172	1.471511	0.602650
353	6	0	-4.651275	-0.352209	2.136572
354	1	0	-4.533711	-1.413074	2.469558
355	1	0	-3.747333	0.223636	2.453060
356	1	0	-5.545569	0.082514	2.645688
357	6	0	2.273214	0.048502	2.160575
358	1	0	2.407410	-1.051721	2.307527
359	1	0	3.181511	0.573451	2.545667
360	1	0	1.390255	0.381630	2.758315

AP PI (Ac-AAAAAA-NHMe)<sub>6</sub>

1	6	0	-11.991386	5.098015	2.337144
2	7	0	-11.563472	4.174341	1.284644
3	1	0	-10.591904	4.225680	0.967223
4	6	0	-12.344374	3.143799	0.878001
5	8	0	-13.461313	2.878688	1.335361
6	6	0	-11.741702	2.315647	-0.282744
7	7	0	-12.271931	0.949576	-0.171439
8	1	0	-13.225750	0.878825	0.169116
9	6	0	-11.331491	6.470589	2.070649
10	8	0	-10.230884	6.555663	1.507654
11	7	0	-12.026232	7.538634	2.516908
12	1	0	-12.878024	7.412286	3.055704
13	6	0	-11.480899	8.904075	2.526246
14	6	0	-11.762830	9.501485	3.927028
15	8	0	-12.785705	9.191717	4.549022
16	7	0	-10.822896	10.379592	4.350444
17	1	0	-9.952124	10.441580	3.817135
18	1	0	-13.084105	5.180369	2.274626
19	1	0	-10.403283	8.840234	2.347702
20	6	0	-7.073441	-2.213667	0.150500
21	6	0	-7.633660	-3.279911	-0.820363
22	8	0	-8.803210	-3.214513	-1.231173
23	7	0	-6.773951	-4.277511	-1.117907
24	1	0	-5.796331	-4.199211	-0.822854
25	6	0	-7.153036	-5.422902	-1.960395
26	6	0	-6.612630	-6.715074	-1.303209
27	8	0	-5.455637	-6.762212	-0.850864
28	7	0	-7.468760	-7.757277	-1.303323
29	1	0	-8.437111	-7.611154	-1.609072
30	7	0	-7.527764	-0.882367	-0.280903
31	1	0	-8.526145	-0.747767	-0.461464
32	6	0	-6.695601	0.177728	-0.329216
33	8	0	-5.489378	0.129064	-0.034509
34	6	0	-7.334828	1.495083	-0.830610
35	7	0	-6.815117	2.606334	-0.019565
36	1	0	-5.800473	2.686326	0.096403
37	1	0	-5.979670	-2.213888	0.121806
38	1	0	-8.245736	-5.451837	-2.010726
39	1	0	-8.420338	1.464066	-0.694208
40	6	0	-12.209910	-1.493211	0.007263
41	7	0	-11.634264	-2.525335	-0.857218



42	1	0	-10.619812	-2.535363	-0.987727
43	6	0	-12.375459	-3.567346	-1.315310
44	8	0	-13.567660	-3.752521	-1.053204
45	6	0	-11.609112	-4.510672	-2.273157
46	7	0	-12.130071	-5.870896	-2.083031
47	1	0	-13.134915	-5.956219	-1.977977
48	6	0	-11.334681	-6.956095	-1.954572
49	8	0	-10.098186	-6.901798	-2.042543
50	6	0	-11.504316	-0.153692	-0.303300
51	8	0	-10.307403	-0.117282	-0.624404
52	1	0	-13.278693	-1.431636	-0.234224
53	1	0	-10.543894	-4.525329	-2.023135
54	6	0	-6.888266	4.577370	1.417716
55	6	0	-7.614344	3.561206	0.503896
56	8	0	-8.842573	3.616994	0.331519
57	7	0	-7.417958	5.927774	1.172391
58	1	0	-8.430351	6.064235	1.228789
59	6	0	-6.609498	6.997316	1.015087
60	8	0	-5.368527	6.938356	1.027828
61	6	0	-7.337183	8.341729	0.763847
62	7	0	-6.640826	9.414709	1.485654
63	1	0	-5.652722	9.581414	1.278814
64	6	0	-7.256590	10.197624	2.402397
65	8	0	-8.459348	10.083859	2.704683
66	1	0	-5.819618	4.596846	1.183999
67	1	0	-8.357031	8.293756	1.158921
68	6	0	-6.378895	11.243587	3.070814
69	1	0	-5.360593	11.254500	2.676132
70	1	0	-6.844284	12.225178	2.932504
71	1	0	-6.356595	11.038352	4.146722
72	6	0	-10.927666	11.071660	5.625253
73	1	0	-11.943683	10.946104	6.005409
74	1	0	-10.224856	10.662101	6.363114
75	1	0	-10.717594	12.140164	5.497843
76	6	0	-7.098267	-9.073314	-0.755913
77	1	0	-6.012548	-9.069100	-0.617482
78	6	0	-12.061895	-8.287971	-1.652286
79	1	0	-13.109361	-8.229168	-1.974727
80	1	0	-10.482901	-9.598675	-2.292282
81	6	0	-12.167083	-9.969626	-3.446961
82	6	0	-11.391571	-11.033310	-4.213738
83	1	0	-10.357509	-11.132508	-3.873064
84	1	0	-11.912684	-11.990129	-4.101177

85	1	0	-11.409353	-10.773857	-5.277239
86	8	0	-13.337466	-9.689989	-3.722079
87	7	0	-11.466374	-9.367054	-2.437776
88	6	0	-7.505589	-10.169218	-1.768597
89	1	0	-5.575241	-10.866948	-1.746385
90	6	0	-6.747866	-12.140991	-3.012096
91	1	0	-6.025460	-12.934403	-2.798100
92	1	0	-7.762274	-12.527056	-2.880810
93	1	0	-6.633857	-11.832842	-4.060186
94	8	0	-8.664232	-10.242293	-2.208749
95	7	0	-6.522614	-11.032217	-2.097039
96	6	0	-7.760738	-9.393517	0.562867
97	1	0	-7.495303	-8.630942	1.334616
98	1	0	-8.873625	-9.424037	0.458380
99	1	0	-7.410014	-10.393936	0.916184
100	6	0	-12.016500	-8.509211	-0.159221
101	1	0	-10.963122	-8.585863	0.207348
102	1	0	-12.512569	-7.651511	0.357351
103	1	0	-12.555098	-9.449120	0.114187
104	6	0	-11.767664	-3.983214	-3.679193
105	1	0	-12.843875	-3.914872	-3.971457
106	1	0	-11.314401	-2.963332	-3.739704
107	1	0	-11.243876	-4.647750	-4.408920
108	6	0	-6.607213	-5.359094	-3.367537
109	1	0	-6.979065	-4.445138	-3.891426
110	1	0	-5.489454	-5.340896	-3.369499
111	1	0	-6.951004	-6.258214	-3.935441
112	6	0	-7.519878	-2.587269	1.545196
113	1	0	-7.124297	-1.857536	2.292876
114	1	0	-8.634913	-2.607365	1.623817
115	1	0	-7.125426	-3.602081	1.797359
116	6	0	-12.079938	-1.761483	1.489409
117	1	0	-11.008356	-1.843146	1.796497
118	1	0	-12.553852	-0.928281	2.063536
119	1	0	-12.598434	-2.715280	1.755758
120	6	0	-7.041121	1.619254	-2.307044
121	1	0	-7.495203	2.552692	-2.720142
122	1	0	-5.940669	1.643087	-2.502258
123	1	0	-7.480802	0.742994	-2.843755
124	6	0	-12.078002	3.002287	-1.584393
125	1	0	-13.181046	3.127765	-1.708893
126	1	0	-11.597789	4.011714	-1.598215
127	1	0	-11.688513	2.413493	-2.450555

128	6	0	-7.062583	4.107198	2.843757
129	1	0	-8.142938	4.061309	3.127716
130	1	0	-6.620846	3.086216	2.950619
131	1	0	-6.538782	4.795411	3.550915
132	6	0	-11.635834	4.665118	3.741426
133	1	0	-10.529854	4.569473	3.871125
134	1	0	-12.017727	5.416829	4.474654
135	1	0	-12.106318	3.677145	3.970404
136	6	0	-7.405581	8.555872	-0.729637
137	1	0	-6.383729	8.604298	-1.180595
138	1	0	-7.962897	7.707156	-1.196902
139	1	0	-7.942730	9.506241	-0.966881
140	6	0	-12.089383	9.814682	1.487862
141	1	0	-11.933500	9.402024	0.461399
142	1	0	-13.186127	9.948600	1.653477
143	1	0	-11.593460	10.814647	1.547295
144	6	0	11.768862	-5.717347	0.828598
145	7	0	12.333142	-4.360221	0.860536
146	1	0	13.292358	-4.286190	1.182659
147	6	0	11.583695	-3.246316	0.689151
148	8	0	10.383783	-3.270737	0.386490
149	6	0	12.326713	-1.912034	0.931366
150	7	0	11.718669	-0.886686	0.081481
151	1	0	10.700442	-0.885323	-0.024017
152	6	0	12.253731	-6.462809	2.095395
153	8	0	13.387091	-6.276027	2.550171
154	7	0	11.343154	-7.333941	2.600936
155	1	0	10.385230	-7.326780	2.234157
156	6	0	11.633403	-8.153966	3.780753
157	6	0	11.300151	-9.626315	3.447179
158	8	0	10.183996	-9.960125	3.032195
159	7	0	12.307997	-10.511955	3.662698
160	1	0	13.212326	-10.144635	3.926185
161	1	0	10.678864	-5.623833	0.835871
162	1	0	13.378783	-1.999379	0.630495
163	1	0	12.702983	-8.022829	3.986566
164	6	0	2.510843	-2.080242	0.918146
165	6	0	1.913470	-3.321323	0.214471
166	8	0	0.720358	-3.348047	-0.125758
167	7	0	2.771139	-4.350170	0.049142
168	1	0	3.761114	-4.218947	0.274962
169	6	0	2.351269	-5.631993	-0.537856
170	6	0	2.860263	-6.775678	0.368291

171	8	0	4.035788	-6.791188	0.774040
172	7	0	1.952348	-7.733678	0.640868
173	1	0	0.981942	-7.608278	0.331217
174	7	0	2.054876	-0.873697	0.212622
175	1	0	1.047299	-0.747246	0.069068
176	6	0	2.903871	0.100226	-0.171621
177	8	0	4.128212	0.085879	0.045053
178	6	0	2.251906	1.255232	-0.965692
179	7	0	2.764918	2.533647	-0.449896
180	1	0	3.779177	2.660505	-0.389520
181	1	0	3.603428	-2.101210	0.861229
182	1	0	1.257384	-5.634051	-0.571610
183	1	0	1.167947	1.251962	-0.815556
184	6	0	11.635348	1.087252	-1.347037
185	7	0	12.274223	2.408839	-1.301655
186	1	0	13.280283	2.400257	-1.161929
187	6	0	11.576443	3.564227	-1.242238
188	8	0	10.341401	3.621648	-1.315211
189	6	0	12.432567	4.836103	-1.044654
190	7	0	11.683126	5.982525	-1.565280
191	1	0	10.660107	5.950327	-1.544251
192	6	0	12.313169	7.117574	-1.949156
193	8	0	13.538142	7.285556	-1.904322
194	6	0	12.440358	0.147780	-0.416285
195	8	0	13.643172	0.337235	-0.205808
196	1	0	10.609719	1.188062	-0.980371
197	1	0	13.360583	4.754957	-1.626593
198	6	0	2.656307	4.812422	0.429448
199	6	0	1.949722	3.569979	-0.162629
200	8	0	0.717467	3.547404	-0.311006
201	7	0	2.090235	6.023727	-0.183245
202	1	0	1.075163	6.161879	-0.138860
203	6	0	2.865693	6.990192	-0.715323
204	8	0	4.108560	6.954612	-0.732999
205	6	0	2.095353	8.163028	-1.366643
206	7	0	2.731625	9.430585	-0.983146
207	1	0	3.730001	9.553367	-1.169060
208	6	0	2.032844	10.457239	-0.445098
209	8	0	0.806533	10.414019	-0.235566
210	1	0	3.723121	4.790256	0.187004
211	1	0	1.067060	8.190743	-0.992493
212	6	0	2.845966	11.690257	-0.085369
213	1	0	3.893452	11.605951	-0.383544

214	1	0	2.388786	12.560319	-0.567979
215	1	0	2.782170	11.841964	0.997842
216	6	0	12.183821	-11.941724	3.407216
217	1	0	12.680266	-12.508103	4.201851
218	1	0	11.122508	-12.196695	3.391749
219	1	0	12.624867	-12.217675	2.441063
220	6	0	2.281370	-8.917641	1.450116
221	1	0	3.359483	-8.887166	1.637669
222	6	0	11.376342	8.228365	-2.487214
223	1	0	10.537820	8.358856	-1.793783
224	1	0	13.170425	9.322717	-2.456499
225	6	0	11.609351	10.691740	-2.561297
226	6	0	12.574159	11.866920	-2.550046
227	1	0	13.624420	11.563970	-2.504325
228	1	0	12.410432	12.462945	-3.453547
229	1	0	12.344140	12.501807	-1.688472
230	8	0	10.380576	10.874690	-2.602641
231	7	0	12.165782	9.462335	-2.517980
232	6	0	1.914391	-10.189049	0.649722
233	1	0	3.830654	-10.881768	0.907129
234	6	0	2.702209	-12.365201	-0.151293
235	1	0	3.488724	-13.062437	0.150273
236	1	0	1.725650	-12.787689	0.103198
237	1	0	2.741693	-12.235076	-1.240816
238	8	0	0.780289	-10.342605	0.165620
239	7	0	2.898920	-11.103761	0.548137
240	6	0	1.550664	-8.971560	2.770040
241	1	0	1.791530	-8.076281	3.393020
242	1	0	0.443575	-9.011758	2.616710
243	1	0	1.865498	-9.887739	3.326949
244	6	0	10.804665	7.814269	-3.821154
245	1	0	11.604596	7.509784	-4.537648
246	1	0	10.103606	6.955262	-3.667633
247	1	0	10.227023	8.660346	-4.270546
248	6	0	12.814199	4.941410	0.414354
249	1	0	11.912634	4.987128	1.072023
250	1	0	13.426735	4.054727	0.709261
251	1	0	13.424299	5.863653	0.583393
252	6	0	2.882790	-5.873589	-1.930641
253	1	0	2.534236	-5.074080	-2.628651
254	1	0	4.000559	-5.893091	-1.940902
255	1	0	2.505335	-6.858017	-2.301498
256	6	0	2.097340	-2.132015	2.370104

257	1	0	2.518068	-1.261664	2.929915
258	1	0	0.984290	-2.118157	2.475802
259	1	0	2.488103	-3.072657	2.829803
260	6	0	11.586791	0.470774	-2.724398
261	1	0	12.611544	0.271591	-3.121719
262	1	0	11.026761	-0.495419	-2.670497
263	1	0	11.055779	1.147034	-3.438169
264	6	0	2.540220	1.025370	-2.430707
265	1	0	2.076724	1.828959	-3.053104
266	1	0	3.640094	1.010019	-2.630540
267	1	0	2.107277	0.042635	-2.740200
268	6	0	12.288462	-1.612023	2.412604
269	1	0	11.238455	-1.517821	2.783044
270	1	0	12.793468	-2.434757	2.975229
271	1	0	12.826439	-0.655550	2.626162
272	6	0	2.498289	4.757768	1.930801
273	1	0	1.419969	4.768097	2.226113
274	1	0	2.964876	3.817777	2.315074
275	1	0	3.006235	5.628772	2.411755
276	6	0	12.177274	-6.524061	-0.379769
277	1	0	13.282817	-6.682268	-0.411695
278	1	0	11.673107	-7.520949	-0.338274
279	1	0	11.865620	-6.008654	-1.320861
280	6	0	2.065442	7.918393	-2.857142
281	1	0	3.098508	7.874102	-3.282217
282	1	0	1.553809	6.945524	-3.059058
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284	6	0	10.851160	-7.769535	5.013797
285	1	0	11.068117	-6.712869	5.304409
286	1	0	9.750955	-7.872988	4.841272
287	1	0	11.141626	-8.438212	5.860459
288	1	0	-10.652606	2.267609	-0.187882
289	6	0	-2.373917	5.490852	1.094491
290	7	0	-1.972227	4.292443	0.343047
291	1	0	-0.982187	4.176047	0.106863
292	6	0	-2.844777	3.311495	0.033126
293	8	0	-4.043605	3.315369	0.356942
294	6	0	-2.257101	2.159411	-0.815348
295	7	0	-2.735776	0.880822	-0.268712
296	1	0	-3.746326	0.749429	-0.157234
297	6	0	-1.846694	6.739919	0.351201
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300	1	0	-3.700401	7.603936	0.548993
301	6	0	-2.383542	9.035352	-0.385088
302	6	0	-2.735477	10.182021	0.590400
303	8	0	-3.870960	10.282586	1.087366
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305	1	0	-0.806472	10.873282	0.447029
306	1	0	-3.467643	5.504860	1.130136
307	1	0	-1.305134	9.016779	-0.572751
308	6	0	-2.576439	-1.377307	0.647083
309	7	0	-2.050348	-2.590745	0.004142
310	1	0	-1.034687	-2.711733	-0.045742
311	6	0	-2.857213	-3.587328	-0.418588
312	8	0	-4.092761	-3.580604	-0.298898
313	6	0	-2.132828	-4.754409	-1.130654
314	7	0	-2.688939	-6.028775	-0.650012
315	1	0	-3.703338	-6.167931	-0.709677
316	6	0	-1.904945	-7.045300	-0.237620
317	8	0	-0.661848	-7.006426	-0.225221
318	6	0	-1.902167	-0.141831	0.007082
319	8	0	-0.674900	-0.114479	-0.188473
320	1	0	-3.656097	-1.353106	0.469531
321	1	0	-1.067691	-4.746390	-0.880321
322	6	0	-1.923948	12.202699	1.706574
323	1	0	-2.869784	12.704662	1.480032
324	1	0	-1.943412	11.906023	2.763498
325	1	0	-1.097419	12.901251	1.550399
326	6	0	-2.664865	-8.288099	0.282707
327	1	0	-3.693380	-8.282679	-0.091931
328	1	0	-1.019363	-9.635529	-0.070287
329	6	0	-2.714961	-10.474212	-0.872107
330	6	0	-1.895915	-11.657160	-1.363042
331	1	0	-0.843013	-11.587243	-1.081027
332	1	0	-2.331873	-12.574360	-0.953287
333	1	0	-1.984524	-11.708749	-2.453738
334	8	0	-3.942859	-10.420313	-1.066258
335	7	0	-2.019711	-9.501909	-0.236246
336	6	0	-2.696728	-8.206511	1.790968
337	1	0	-1.664110	-8.197922	2.219180
338	1	0	-3.218067	-7.266330	2.096440
339	1	0	-3.251985	-9.075509	2.220348
340	6	0	-2.328513	-1.315792	2.136138
341	1	0	-1.234561	-1.329796	2.366395
342	1	0	-2.767161	-0.371787	2.542803

343	1	0	-2.811302	-2.181929	2.650608
344	6	0	-1.840711	5.535648	2.507024
345	1	0	-0.722804	5.535295	2.519321
346	1	0	-2.202916	6.467665	3.006227
347	1	0	-2.203206	4.655818	3.092167
348	6	0	-3.107946	9.291837	-1.684632
349	1	0	-2.878376	8.492372	-2.430168
350	1	0	-4.214845	9.327546	-1.529348
351	1	0	-2.776013	10.273649	-2.102391
352	1	0	-1.165091	2.157943	-0.746851
353	6	0	-2.284806	-4.546460	-2.619258
354	1	0	-3.361665	-4.540183	-2.920180
355	1	0	-1.829440	-3.565701	-2.901437
356	1	0	-1.762848	-5.356211	-3.184768
357	6	0	-2.655231	2.396935	-2.252833
358	1	0	-3.767199	2.416232	-2.368195
359	1	0	-2.244207	3.380130	-2.589502
360	1	0	-2.243493	1.595162	-2.912768
361	6	0	7.117526	5.625067	-0.258126
362	7	0	7.557161	4.292683	-0.704123
363	1	0	8.539515	4.168250	-0.957308
364	6	0	6.719871	3.234841	-0.725199
365	8	0	5.536426	3.278870	-0.354600
366	6	0	7.320986	1.930637	-1.299341
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368	1	0	5.854491	0.714027	-0.297408
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381	6	0	7.043480	-1.214243	0.884778
382	7	0	7.539577	-2.551091	0.520642
383	1	0	8.548615	-2.683536	0.426538
384	6	0	6.712613	-3.612954	0.414558
385	8	0	5.487507	-3.560531	0.604765



386	6	0	7.390809	-4.936361	-0.014869
387	7	0	6.795613	-6.043011	0.749252
388	1	0	5.776575	-6.160059	0.722411
389	6	0	7.539561	-6.929949	1.438059
390	8	0	8.783195	-6.921823	1.468002
391	6	0	7.694970	-0.165289	-0.044190
392	8	0	8.907922	-0.214636	-0.309281
393	1	0	5.957860	-1.218488	0.747434
394	1	0	8.458381	-4.907760	0.224139
395	6	0	7.371847	12.313734	-1.395505
396	1	0	8.229524	12.946764	-1.634812
397	1	0	6.466047	12.744983	-1.834580
398	1	0	7.238796	12.284421	-0.306705
399	6	0	6.731489	-7.960411	2.261933
400	1	0	5.724085	-8.062118	1.846749
401	1	0	8.358545	-9.359014	2.428929
402	6	0	6.695676	-10.392155	1.806821
403	6	0	7.515766	-11.671041	1.745172
404	1	0	8.550563	-11.525590	2.063729
405	1	0	7.034222	-12.423342	2.378411
406	1	0	7.496567	-12.044979	0.715784
407	8	0	5.484699	-10.393669	1.526647
408	7	0	7.375579	-9.276909	2.168071
409	6	0	6.622010	-7.430222	3.672628
410	1	0	7.630152	-7.293076	4.135642
411	1	0	6.099402	-6.442387	3.653517
412	1	0	6.030961	-8.130843	4.311227
413	6	0	7.233852	-5.072762	-1.510576
414	1	0	6.155665	-5.097242	-1.805548
415	1	0	7.721902	-4.201185	-2.011904
416	1	0	7.721618	-6.010017	-1.873563
417	6	0	7.349565	-0.814917	2.309623
418	1	0	8.451198	-0.781815	2.495160
419	1	0	6.923251	0.199430	2.505859
420	1	0	6.889448	-1.537138	3.027082
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422	1	0	5.807997	1.816506	-2.866788
423	1	0	7.317698	2.727848	-3.300967
424	1	0	7.342778	0.915828	-3.219270
425	6	0	7.626083	6.015554	1.109068
426	1	0	8.742634	6.053756	1.131721
427	1	0	7.228581	7.026407	1.372480
428	1	0	7.278915	5.285996	1.880587

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AP PI (Ac-AAAAAA-NHMe)<sub>7</sub>

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13	6	0	9.432150	9.049005	-1.233292
14	6	0	9.831550	10.090789	-2.304431
15	8	0	10.990044	10.149662	-2.747758
16	7	0	8.842830	10.925093	-2.683839
17	1	0	7.895659	10.775034	-2.325137
18	1	0	10.591960	5.372666	-2.304431
19	1	0	8.346926	9.048104	-1.090745
20	6	0	14.138988	-2.281217	-0.211760
21	6	0	14.752280	-3.051347	0.982927
22	8	0	15.870317	-2.759792	1.421084
23	7	0	13.979085	-4.066149	1.440851
24	1	0	13.005739	-4.135861	1.132401
25	6	0	14.417659	-4.937904	2.532555
26	6	0	13.764962	-6.325228	2.333321
27	8	0	12.659909	-6.442652	1.785065
28	7	0	14.470800	-7.367894	2.820516
29	1	0	15.327273	-7.212382	3.343942
30	7	0	14.659888	-0.907863	-0.166148
31	1	0	15.615033	-0.814294	0.164863
32	6	0	13.884301	0.182631	-0.349026
33	8	0	12.686617	0.122384	-0.663403
34	6	0	14.581617	1.540434	-0.106762
35	7	0	13.998501	2.524596	-1.020682
36	1	0	12.983306	2.525460	-1.146236
37	1	0	13.049962	-2.236198	-0.114448
38	1	0	15.510574	-5.016302	2.468325
39	1	0	15.650479	1.473914	-0.346585
40	6	0	9.723829	-1.510767	-0.769997
41	7	0	9.215840	-2.583036	0.099076

42	1	0	8.202351	-2.663353	0.224884
43	6	0	10.023510	-3.508201	0.661167
44	8	0	11.250744	-3.566651	0.482221
45	6	0	9.309429	-4.483081	1.628044
46	7	0	9.842136	-5.841873	1.441441
47	1	0	10.855506	-5.971966	1.495815
48	6	0	9.036488	-6.920741	1.345645
49	8	0	7.795450	-6.865859	1.368227
50	6	0	9.079575	-0.173462	-0.331603
51	8	0	7.875288	-0.117599	-0.030556
52	1	0	10.809962	-1.466485	-0.642630
53	1	0	8.238798	-4.517119	1.405312
54	6	0	13.959303	4.435930	-2.534630
55	6	0	14.733718	3.544733	-1.534307
56	8	0	15.926438	3.747194	-1.287495
57	7	0	14.475228	5.805947	-2.414520
58	1	0	15.479817	5.900117	-2.314744
59	6	0	13.675412	6.893098	-2.339030
60	8	0	12.439211	6.829397	-2.422758
61	6	0	14.397881	8.240746	-2.102713
62	7	0	13.794791	9.279555	-2.935055
63	1	0	12.809958	9.511690	-2.799269
64	6	0	14.492859	9.845640	-3.966829
65	8	0	15.665903	9.563839	-4.228578
66	1	0	12.895064	4.458589	-2.280981
67	1	0	15.444284	8.171452	-2.426552
68	6	0	13.710760	10.870787	-4.778189
69	1	0	12.675173	10.975895	-4.443981
70	1	0	14.224201	11.835462	-4.703722
71	1	0	13.733363	10.568197	-5.830149
72	6	0	9.064653	11.977342	-3.664304
73	1	0	10.039255	12.445107	-3.497240
74	1	0	9.048536	11.586209	-4.690387
75	1	0	8.277715	12.730010	-3.561069
76	6	0	13.934348	-8.734758	2.896181
77	1	0	12.854571	-8.685049	2.726451
78	6	0	9.766174	-8.273746	1.153486
79	1	0	10.790900	-8.203156	1.532175
80	1	0	8.091793	-9.488253	1.755033
81	6	0	9.713702	-10.046948	2.882547
82	6	0	8.848202	-11.060164	3.614368
83	1	0	7.823064	-11.088874	3.238750
84	1	0	9.311203	-12.047433	3.513238

85	1	0	8.845293	-10.805409	4.679853
86	8	0	10.920726	-9.917181	3.160414
87	7	0	9.082689	-9.310696	1.937966
88	6	0	14.234409	-9.267600	4.318969
89	1	0	12.426040	-10.217622	4.272247
90	6	0	13.424330	-10.761882	6.095855
91	1	0	13.213005	-11.835028	6.020130
92	1	0	14.445160	-10.619124	6.456509
93	1	0	12.731111	-10.318740	6.823338
94	8	0	15.262884	-8.926614	4.914870
95	7	0	13.302704	-10.129054	4.792104
96	6	0	14.537737	-9.687023	1.892772
97	1	0	14.368307	-9.321404	0.850745
98	1	0	15.637016	-9.806801	2.052291
99	1	0	14.048996	-10.686318	2.002010
100	6	0	9.816025	-8.563249	-0.327979
101	1	0	8.788599	-8.637343	-0.762475
102	1	0	10.364205	-7.737686	-0.844895
103	1	0	10.353420	-9.522869	-0.523766
104	6	0	9.494890	-3.946410	3.028979
105	1	0	10.577591	-3.884108	3.300641
106	1	0	9.050737	-2.922833	3.092144
107	1	0	8.979722	-4.602386	3.772194
108	6	0	14.066017	-4.443258	3.917295
109	1	0	14.531664	-3.443178	4.098612
110	1	0	12.960082	-4.348112	4.047831
111	1	0	14.455718	-5.158520	4.682185
112	6	0	14.474622	-3.025056	-1.481853
113	1	0	14.077111	-2.479732	-2.372482
114	1	0	15.577999	-3.148382	-1.605530
115	1	0	14.001710	-4.037397	-1.446747
116	6	0	9.421520	-1.710934	-2.236358
117	1	0	8.320014	-1.751354	-2.422738
118	1	0	9.852043	-0.860119	-2.819428
119	1	0	9.879024	-2.661163	-2.604992
120	6	0	14.451507	1.881428	1.360350
121	1	0	14.964556	2.850321	1.578310
122	1	0	13.379734	1.971967	1.664311
123	1	0	14.930864	1.080598	1.974616
124	6	0	9.891268	2.687131	1.394689
125	1	0	11.006343	2.717471	1.469208
126	1	0	9.491503	3.710989	1.597060
127	1	0	9.501667	1.993306	2.178806

128	6	0	14.114087	3.839715	-3.913367
129	1	0	15.189299	3.761436	-4.206775
130	1	0	13.665079	2.816197	-3.920922
131	1	0	13.584160	4.464905	-4.672826
132	6	0	8.948530	5.206045	-3.648164
133	1	0	7.830866	5.182249	-3.644496
134	1	0	9.285443	6.077985	-4.260805
135	1	0	9.322933	4.269385	-4.128287
136	6	0	14.357805	8.531047	-0.621274
137	1	0	13.305665	8.621034	-0.254173
138	1	0	14.859182	7.700118	-0.067432
139	1	0	14.894023	9.484559	-0.394236
140	6	0	10.098529	9.439702	0.064252
141	1	0	9.838878	8.717402	0.875695
142	1	0	11.210877	9.468703	-0.046273
143	1	0	9.745471	10.455914	0.366470
144	6	0	-0.008917	5.572394	-0.821811
145	7	0	-0.408081	4.325843	-0.150858
146	1	0	-1.394383	4.200247	0.095793
147	6	0	0.460255	3.316011	0.062908
148	8	0	1.649168	3.330845	-0.294623
149	6	0	-0.116406	2.113813	0.846492
150	7	0	0.339648	0.871774	0.204811
151	1	0	1.345588	0.745422	0.050894
152	6	0	-0.530676	6.766289	0.009789
153	8	0	-1.700242	6.787953	0.429730
154	7	0	0.361869	7.759670	0.197819
155	1	0	1.332534	7.625494	-0.105415
156	6	0	0.018909	8.994011	0.921965
157	6	0	0.404866	10.208550	0.046605
158	8	0	1.551608	10.332781	-0.417351
159	7	0	-0.577229	11.110801	-0.143625
160	1	0	-1.519638	10.909111	0.203296
161	1	0	1.084675	5.587703	-0.861981
162	1	0	-1.209774	2.123759	0.804767
163	1	0	-1.062890	8.977317	1.089166
164	6	0	4.651090	-2.203213	-0.691666
165	6	0	5.249967	-3.306496	0.211841
166	8	0	6.451981	-3.290715	0.523537
167	7	0	4.382927	-4.271100	0.582852
168	1	0	3.389687	-4.168596	0.353001
169	6	0	4.794854	-5.426075	1.394278
170	6	0	4.263892	-6.715230	0.725520

171	8	0	3.091512	-6.789117	0.320707
172	7	0	5.154255	-7.726790	0.659015
173	1	0	6.124975	-7.558962	0.943392
174	7	0	5.126536	-0.895312	-0.215950
175	1	0	6.136820	-0.754199	-0.114457
176	6	0	4.290092	0.139765	-0.000310
177	8	0	3.063448	0.097743	-0.196262
178	6	0	4.959951	1.410697	0.571065
179	7	0	4.421093	2.586857	-0.127745
180	1	0	3.404133	2.698373	-0.179233
181	1	0	3.559535	-2.203455	-0.616094
182	1	0	5.888896	-5.435797	1.420133
183	1	0	6.038383	1.384349	0.386672
184	6	0	0.141927	-1.324614	-0.844013
185	7	0	-0.363569	-2.573650	-0.254368
186	1	0	-1.377211	-2.698908	-0.177153
187	6	0	0.455719	-3.589556	0.086889
188	8	0	1.686750	-3.575205	-0.074238
189	6	0	-0.243237	-4.794324	0.760198
190	7	0	0.314841	-6.040262	0.212672
191	1	0	1.330978	-6.173277	0.245818
192	6	0	-0.468183	-7.040295	-0.239993
193	8	0	-1.711237	-7.010260	-0.231616
194	6	0	-0.505941	-0.129901	-0.107020
195	8	0	-1.726243	-0.113560	0.130441
196	1	0	1.227200	-1.310542	-0.704767
197	1	0	-1.313084	-4.785512	0.530998
198	6	0	4.482350	4.690733	-1.370551
199	6	0	5.218571	3.567187	-0.603252
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201	7	0	5.030492	5.992222	-0.958512
202	1	0	6.044398	6.132099	-1.020008
203	6	0	4.238255	7.029409	-0.617185
204	8	0	2.995647	6.987607	-0.618318
205	6	0	4.989331	8.302159	-0.159445
206	7	0	4.346279	9.483427	-0.750754
207	1	0	3.344631	9.625078	-0.597848
208	6	0	5.043998	10.418895	-1.436185
209	8	0	6.273266	10.355278	-1.620877
210	1	0	3.418431	4.687356	-1.114921
211	1	0	6.021767	8.279350	-0.522661
212	6	0	4.227248	11.572370	-1.996112
213	1	0	3.171929	11.514103	-1.720667

214	1	0	4.656970	12.510824	-1.630082
215	1	0	4.326638	11.567599	-3.087087
216	6	0	-0.361707	12.321784	-0.921746
217	1	0	-1.169858	13.026588	-0.707703
218	1	0	0.596568	12.777071	-0.653627
219	1	0	-0.347880	12.114158	-1.999836
220	6	0	4.803236	-9.044581	0.105998
221	1	0	3.723471	-9.037294	-0.074871
222	6	0	0.292507	-8.248899	-0.834671
223	1	0	1.325570	-8.257165	-0.472820
224	1	0	-1.341871	-9.621338	-0.530503
225	6	0	0.367327	-10.488614	0.210199
226	6	0	-0.440855	-11.697984	0.652278
227	1	0	-1.495718	-11.622842	0.378718
228	1	0	-0.000690	-12.593242	0.200740
229	1	0	-0.347583	-11.796645	1.739403
230	8	0	1.597102	-10.436833	0.395354
231	7	0	-0.339439	-9.492242	-0.372573
232	6	0	5.164471	-10.132902	1.143110
233	1	0	3.231649	-10.826826	1.067408
234	6	0	4.362029	-12.076302	2.393957
235	1	0	3.518545	-12.766864	2.310065
236	1	0	5.291074	-12.611534	2.173457
237	1	0	4.420314	-11.710082	3.427287
238	8	0	6.306211	-10.207532	1.630316
239	7	0	4.168695	-10.986151	1.449219
240	6	0	5.518970	-9.373327	-1.181928
241	1	0	5.283331	-8.617451	-1.969832
242	1	0	6.626945	-9.399209	-1.032376
243	1	0	5.185571	-10.377511	-1.541230
244	6	0	0.304540	-8.087857	-2.336729
245	1	0	-0.733498	-8.062909	-2.750980
246	1	0	0.816989	-7.129795	-2.598639
247	1	0	0.858858	-8.929681	-2.818292
248	6	0	-0.065147	-4.651200	2.253510
249	1	0	1.017005	-4.644117	2.534471
250	1	0	-0.527209	-3.690079	2.587752
251	1	0	-0.566155	-5.492152	2.791778
252	6	0	4.275235	-5.395429	2.812272
253	1	0	4.640579	-4.484178	3.345226
254	1	0	3.157489	-5.397195	2.835219
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256	6	0	5.040921	-2.514235	-2.117426



257	1	0	4.620680	-1.750222	-2.815689
258	1	0	6.152182	-2.534286	-2.239201
259	1	0	4.632731	-3.515711	-2.399119
260	6	0	-0.160913	-1.175472	-2.316473
261	1	0	-1.262671	-1.173581	-2.506271
262	1	0	0.266358	-0.210002	-2.682975
263	1	0	0.298898	-2.010674	-2.898658
264	6	0	4.724433	1.421842	2.063429
265	1	0	5.205210	2.315860	2.529881
266	1	0	3.632355	1.440194	2.302028
267	1	0	5.173100	0.502325	2.512983
268	6	0	0.317931	2.252619	2.286553
269	1	0	1.432458	2.254227	2.376019
270	1	0	-0.074740	3.215038	2.697015
271	1	0	-0.086637	1.412716	2.901990
272	6	0	4.628503	4.406763	-2.847252
273	1	0	5.703806	4.392671	-3.153306
274	1	0	4.178880	3.409540	-3.075779
275	1	0	4.097570	5.182418	-3.450929
276	6	0	-0.550199	5.715033	-2.224647
277	1	0	-1.668173	5.716183	-2.230227
278	1	0	-0.190171	6.679214	-2.660294
279	1	0	-0.191809	4.877605	-2.871297
280	6	0	5.004899	8.304535	1.351340
281	1	0	3.967594	8.319526	1.768045
282	1	0	5.522620	7.383039	1.714379
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284	6	0	0.723319	9.134796	2.249918
285	1	0	0.466867	8.283434	2.925983
286	1	0	1.833347	9.162778	2.116754
287	1	0	0.399968	10.086491	2.738113
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289	6	0	-9.492633	5.614564	0.547057
290	7	0	-9.934185	4.264772	0.934810
291	1	0	-10.915683	4.131811	1.186819
292	6	0	-9.100300	3.204442	0.902133
293	8	0	-7.918894	3.262040	0.527012
294	6	0	-9.702209	1.877074	1.419875
295	7	0	-9.250514	0.785513	0.544498
296	1	0	-8.246464	0.707669	0.349739
297	6	0	-10.011140	6.614682	1.603810
298	8	0	-11.188676	6.565894	1.996800
299	7	0	-9.108674	7.529418	2.016544

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301	6	0	-9.445880	8.579738	2.990549
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303	8	0	-7.891494	10.150013	1.974208
304	7	0	-9.991863	10.904891	2.439342
305	1	0	-10.943749	10.684776	2.739597
306	1	0	-8.398574	5.610715	0.531493
307	1	0	-10.529079	8.528867	3.148804
308	6	0	-4.928325	-2.027292	-1.027100
309	6	0	-4.316620	-3.303230	-0.402848
310	8	0	-3.118351	-3.344870	-0.082206
311	7	0	-5.167722	-4.343649	-0.283084
312	1	0	-6.161764	-4.203618	-0.485053
313	6	0	-4.733955	-5.654369	0.224780
314	6	0	-5.252158	-6.748469	-0.735844
315	8	0	-6.434154	-6.747934	-1.122259
316	7	0	-4.343865	-7.684113	-1.076702
317	1	0	-3.368937	-7.570538	-0.777595
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319	1	0	-3.446801	-0.741669	-0.135682
320	6	0	-5.296574	0.099385	0.171228
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322	6	0	-4.630140	1.210645	1.014172
323	7	0	-5.143323	2.515393	0.569283
324	1	0	-6.157697	2.645414	0.518982
325	1	0	-6.019335	-2.052768	-0.947680
326	1	0	-3.639688	-5.652792	0.241861
327	1	0	-3.548000	1.210450	0.851586
328	6	0	-9.445366	-1.170217	-0.901088
329	7	0	-9.937538	-2.523122	-0.594820
330	1	0	-10.945573	-2.660589	-0.496474
331	6	0	-9.109864	-3.588691	-0.552614
332	8	0	-7.886956	-3.526130	-0.754656
333	6	0	-9.781399	-4.933534	-0.183392
334	7	0	-9.194671	-5.998074	-1.011611
335	1	0	-8.175381	-6.114624	-1.004424
336	6	0	-9.946166	-6.848919	-1.736935
337	8	0	-11.189982	-6.841145	-1.750818
338	6	0	-10.087996	-0.164812	0.080901
339	8	0	-11.297300	-0.229643	0.358906
340	1	0	-8.358553	-1.179659	-0.774096
341	1	0	-10.852045	-4.894668	-0.406643
342	6	0	-5.036452	4.839859	-0.180009

343	6	0	-4.328541	3.567599	0.343347
344	8	0	-3.096525	3.538083	0.492468
345	7	0	-4.468320	6.017372	0.493379
346	1	0	-3.452821	6.155212	0.457577
347	6	0	-5.242456	6.961297	1.066547
348	8	0	-6.485605	6.930928	1.075147
349	6	0	-4.469963	8.096003	1.779745
350	7	0	-5.097404	9.384777	1.457605
351	1	0	-6.097866	9.500335	1.636296
352	6	0	-4.385671	10.441328	0.999676
353	8	0	-3.155251	10.408300	0.814458
354	1	0	-6.102455	4.804935	0.064630
355	1	0	-3.439524	8.136706	1.412833
356	6	0	-5.189888	11.695650	0.698076
357	1	0	-6.242528	11.597495	0.972960
358	1	0	-4.739180	12.535089	1.237574
359	1	0	-5.107305	11.909256	-0.373375
360	6	0	-9.736231	12.255916	1.957818
361	1	0	-8.829965	12.663124	2.418266
362	1	0	-9.599960	12.274538	0.869173
363	1	0	-10.591836	12.881648	2.222457
364	6	0	-4.679331	-8.824194	-1.944433
365	1	0	-5.760076	-8.788530	-2.115406
366	6	0	-9.147772	-7.833794	-2.623647
367	1	0	-8.134084	-7.953362	-2.229102
368	1	0	-10.774188	-9.226707	-2.837533
369	6	0	-9.099638	-10.285866	-2.295291
370	6	0	-9.916484	-11.568272	-2.285504
371	1	0	-10.955130	-11.410203	-2.584913
372	1	0	-9.440702	-12.288505	-2.959038
373	1	0	-9.885159	-11.990494	-1.275220
374	8	0	-7.884128	-10.298587	-2.035343
375	7	0	-9.787607	-9.155319	-2.587129
376	6	0	-4.296113	-10.135123	-1.218446
377	1	0	-6.218325	-10.814083	-1.470123
378	6	0	-5.069591	-12.347100	-0.508059
379	1	0	-5.057879	-12.265856	0.586751
380	1	0	-5.879192	-13.019552	-0.804424
381	1	0	-4.111919	-12.770885	-0.825319
382	8	0	-3.151538	-10.314210	-0.768380
383	7	0	-5.279963	-11.052681	-1.140018
384	6	0	-3.966230	-8.803511	-3.274791
385	1	0	-4.218559	-7.876931	-3.845247

386	1	0	-2.857049	-8.847242	-3.138312
387	1	0	-4.285159	-9.689619	-3.876242
388	6	0	-9.060478	-7.232464	-4.007095
389	1	0	-10.075697	-7.074776	-4.447551
390	1	0	-8.539651	-6.245420	-3.945614
391	1	0	-8.477605	-7.898141	-4.689109
392	6	0	-9.604602	-5.147394	1.300968
393	1	0	-8.522589	-5.186167	1.579993
394	1	0	-10.086160	-4.303503	1.853354
395	1	0	-10.087295	-6.102709	1.621124
396	6	0	-5.242962	-5.975747	1.609837
397	1	0	-4.885987	-5.215287	2.346179
398	1	0	-6.360400	-6.000003	1.636098
399	1	0	-4.857037	-6.978008	1.919044
400	6	0	-4.548151	-2.003540	-2.488946
401	1	0	-4.979892	-1.104718	-2.992602
402	1	0	-3.437868	-1.985026	-2.619510
403	1	0	-4.951357	-2.918474	-2.988100
404	6	0	-9.764430	-0.706179	-2.303320
405	1	0	-10.867690	-0.665259	-2.477225
406	1	0	-9.340097	0.316356	-2.456755
407	1	0	-9.310696	-1.394463	-3.057285
408	6	0	-4.902507	0.907991	2.469107
409	1	0	-4.427471	1.676951	3.125629
410	1	0	-6.000019	0.887684	2.681093
411	1	0	-4.471037	-0.091089	2.723300
412	6	0	-9.291385	1.717479	2.864836
413	1	0	-8.178686	1.685864	2.969525
414	1	0	-9.681578	2.582072	3.455787
415	1	0	-9.714653	0.775793	3.291621
416	6	0	-4.884126	4.863291	-1.682831
417	1	0	-3.806965	4.890318	-1.981313
418	1	0	-5.351324	3.944070	-2.113734
419	1	0	-5.394728	5.757582	-2.115884
420	6	0	-9.996713	6.063404	-0.803845
421	1	0	-11.113126	6.103556	-0.828385
422	1	0	-9.597518	7.084158	-1.022797
423	1	0	-9.647658	5.366976	-1.604588
424	6	0	-4.448973	7.775795	3.256184
425	1	0	-5.484401	7.716128	3.673533
426	1	0	-3.943802	6.791012	3.411025
427	1	0	-3.883411	8.556956	3.819907
428	6	0	-8.751370	8.418569	4.321773

429	1	0	-9.022702	7.443737	4.794846
430	1	0	-7.639975	8.460058	4.203574
431	1	0	-9.066705	9.245566	5.003936
432	6	0	-14.728546	-1.870325	-0.922996
433	6	0	-13.982880	-3.213953	-0.752127
434	8	0	-12.779378	-3.252324	-0.465437
435	7	0	-14.734686	-4.318806	-0.966989
436	1	0	-15.698209	-4.229632	-1.271939
437	6	0	-14.170472	-5.675724	-1.006901
438	6	0	-14.671314	-6.360448	-2.301509
439	8	0	-15.812353	-6.157677	-2.729372
440	7	0	-13.764270	-7.200451	-2.862926
441	1	0	-12.801503	-7.207134	-2.509242
442	7	0	-14.111378	-0.884818	-0.033461
443	1	0	-13.092143	-0.887792	0.061731
444	6	0	-14.827364	0.129302	0.512371
445	8	0	-16.031618	0.328140	0.319509
446	6	0	-14.013844	1.030091	1.473496
447	7	0	-14.651788	2.352811	1.484993
448	1	0	-15.658748	2.349876	1.351551
449	1	0	-15.777129	-1.972382	-0.614656
450	1	0	-13.080657	-5.581131	-1.023265
451	1	0	-12.990944	1.144346	1.103146
452	6	0	-14.812393	4.787150	1.319107
453	6	0	-13.954105	3.509706	1.463457
454	8	0	-12.718608	3.564772	1.529729
455	7	0	-14.061027	5.914348	1.877584
456	1	0	-13.038071	5.882292	1.853735
457	6	0	-14.690179	7.037362	2.296804
458	8	0	-15.915030	7.207380	2.256553
459	6	0	-13.753032	8.130025	2.870058
460	7	0	-14.542228	9.362502	2.940259
461	1	0	-15.546779	9.225400	2.871978
462	6	0	-13.985535	10.589398	3.028465
463	8	0	-12.756875	10.769944	3.080770
464	1	0	-15.736667	4.682667	1.903299
465	1	0	-12.914619	8.282117	2.180835
466	6	0	-14.949833	11.764737	3.054553
467	1	0	-15.999847	11.464293	2.990321
468	1	0	-14.792282	12.326620	3.980780
469	1	0	-14.713562	12.431185	2.218928
470	6	0	-14.068486	-7.965222	-4.076025
471	1	0	-15.139795	-7.822477	-4.264338

472	6	0	-13.735197	-9.451790	-3.812757
473	1	0	-15.661702	-9.940360	-4.264141
474	6	0	-14.632793	-11.762332	-3.842789
475	1	0	-15.139950	-12.294236	-4.654383
476	1	0	-13.572395	-12.021308	-3.849391
477	1	0	-15.064689	-12.075770	-2.883987
478	8	0	-12.610726	-9.807383	-3.440094
479	7	0	-14.753564	-10.322851	-4.037918
480	6	0	-13.297523	-7.526587	-5.297881
481	1	0	-13.513698	-6.457021	-5.537349
482	1	0	-12.196011	-7.641356	-5.141505
483	1	0	-13.598806	-8.154729	-6.171387
484	6	0	-14.564010	-6.539282	0.166610
485	1	0	-14.240274	-6.069423	1.127258
486	1	0	-15.669165	-6.698887	0.204803
487	1	0	-14.061023	-7.533041	0.071154
488	6	0	-14.707561	-1.501634	-2.389068
489	1	0	-15.248100	-0.536554	-2.551390
490	1	0	-13.661969	-1.389627	-2.766932
491	1	0	-15.219082	-2.297478	-2.983567
492	6	0	-13.955580	0.359484	2.824896
493	1	0	-13.417722	1.006134	3.560637
494	1	0	-14.977542	0.146307	3.222151
495	1	0	-13.397833	-0.604692	2.728267
496	6	0	-15.203686	4.946552	-0.132433
497	1	0	-14.306552	5.017483	-0.793888
498	1	0	-15.817792	4.071123	-0.456248
499	1	0	-15.815345	5.874095	-0.262637
500	6	0	-13.181076	7.673410	4.189911
501	1	0	-13.980837	7.345953	4.896388
502	1	0	-12.479929	6.819875	4.008739
503	1	0	-12.603525	8.504776	4.666118
504	1	0	-10.794841	1.912234	1.370860

AP PI (Ac-AAAAAA-NHMe)<sub>8</sub>

1	6	0	-11.879626	-5.216887	-2.505816
2	7	0	-11.513643	-4.165156	-1.543942
3	1	0	-10.539332	-4.116493	-1.231394
4	6	0	-12.380878	-3.208274	-1.150644
5	8	0	-13.547355	-3.104966	-1.562991
6	6	0	-11.834636	-2.247270	-0.068449
7	7	0	-12.288604	-0.879398	-0.365215
8	1	0	-13.285019	-0.729379	-0.544223
9	6	0	-11.341786	-6.570150	-1.982785
10	8	0	-10.191778	-6.662037	-1.520494
11	7	0	-12.192601	-7.609505	-2.109535
12	1	0	-13.157301	-7.434589	-2.411029
13	6	0	-11.824413	-8.975590	-1.700884
14	6	0	-12.219804	-9.956996	-2.828841
15	8	0	-13.374905	-9.987103	-3.283694
16	7	0	-11.231869	-10.775075	-3.244044
17	1	0	-10.286292	-10.647636	-2.872655
18	1	0	-12.971656	-5.243154	-2.570876
19	1	0	-10.739983	-8.985244	-1.552669
20	6	0	-16.513122	2.292832	-0.094555
21	6	0	-17.135191	3.002375	1.132649
22	8	0	-18.257618	2.691762	1.545890
23	7	0	-16.363477	3.990391	1.647786
24	1	0	-15.388064	4.074310	1.349497
25	6	0	-16.809408	4.809932	2.776204
26	6	0	-16.151977	6.203656	2.649186
27	8	0	-15.044524	6.345073	2.111747
28	7	0	-16.857052	7.222690	3.185241
29	1	0	-17.714305	7.042907	3.699632
30	7	0	-17.040422	0.921614	-0.127086
31	1	0	-17.998820	0.814777	0.190212
32	6	0	-16.267645	-0.160480	-0.363700
33	8	0	-15.067085	-0.087991	-0.664138
34	6	0	-16.971658	-1.527064	-0.203449
35	7	0	-16.382348	-2.461052	-1.164868
36	1	0	-15.365971	-2.457689	-1.280507
37	1	0	-15.425431	2.237354	0.011598
38	1	0	-17.901590	4.894318	2.706745
39	1	0	-18.037978	-1.443681	-0.449254
40	6	0	-12.097326	1.542969	-0.663779
41	7	0	-11.593567	2.567810	0.263034

42	1	0	-10.580669	2.642274	0.397513
43	6	0	-12.403954	3.464723	0.865683
44	8	0	-13.630157	3.532691	0.682815
45	6	0	-11.695225	4.390724	1.883267
46	7	0	-12.223752	5.758147	1.757565
47	1	0	-13.237049	5.888108	1.811937
48	6	0	-11.415086	6.838552	1.718157
49	8	0	-10.174509	6.779871	1.745940
50	6	0	-11.460419	0.182537	-0.290774
51	8	0	-10.258578	0.106463	0.015368
52	1	0	-13.184540	1.495410	-0.547215
53	1	0	-10.622823	4.432985	1.670479
54	6	0	-16.330922	-4.284756	-2.782355
55	6	0	-17.114387	-3.448949	-1.741986
56	8	0	-18.310017	-3.662046	-1.519186
57	7	0	-16.852206	-5.657551	-2.746533
58	1	0	-17.858014	-5.753492	-2.661799
59	6	0	-16.056351	-6.749958	-2.723663
60	8	0	-14.819109	-6.685981	-2.789928
61	6	0	-16.785000	-8.106419	-2.571710
62	7	0	-16.175111	-9.098712	-3.454340
63	1	0	-15.192299	-9.340630	-3.321299
64	6	0	-16.862656	-9.603566	-4.524193
65	8	0	-18.032049	-9.304164	-4.782812
66	1	0	-15.269918	-4.325690	-2.517825
67	1	0	-17.827452	-8.015829	-2.902930
68	6	0	-16.073523	-10.582808	-5.384096
69	1	0	-15.044578	-10.716739	-5.039789
70	1	0	-16.595191	-11.545875	-5.378848
71	1	0	-16.075292	-10.215133	-6.415408
72	6	0	-11.451403	-11.773788	-4.279544
73	1	0	-12.424071	-12.253756	-4.137137
74	1	0	-11.437993	-11.328010	-5.283102
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76	6	0	-16.314831	8.580943	3.336327
77	1	0	-15.234731	8.535740	3.167272
78	6	0	-12.141081	8.200753	1.585224
79	1	0	-13.168257	8.114766	1.953957
80	1	0	-10.469178	9.385446	2.249597
81	6	0	-12.094257	9.886974	3.399290
82	6	0	-11.231895	10.866227	4.179435
83	1	0	-10.204756	10.909997	3.810786
84	1	0	-11.693135	11.857640	4.118243



85	1	0	-11.235339	10.565826	5.232916
86	8	0	-13.301445	9.741461	3.669098
87	7	0	-11.460607	9.198858	2.420978
88	6	0	-16.616849	9.036559	4.785435
89	1	0	-14.807144	9.984940	4.793859
90	6	0	-15.807645	10.428923	6.643431
91	1	0	-15.597165	11.504799	6.627737
92	1	0	-16.828517	10.265312	6.994940
93	1	0	-15.114330	9.946446	7.345330
94	8	0	-17.646936	8.664877	5.360011
95	7	0	-15.684961	9.869550	5.306590
96	6	0	-16.910926	9.589076	2.384535
97	1	0	-16.740281	9.279641	1.324656
98	1	0	-18.010072	9.705359	2.547453
99	1	0	-16.417724	10.578567	2.549038
100	6	0	-12.181280	8.559182	0.118600
101	1	0	-11.151048	8.651215	-0.305724
102	1	0	-12.727813	7.759816	-0.439582
103	1	0	-12.715616	9.528064	-0.035484
104	6	0	-11.892571	3.788449	3.255619
105	1	0	-12.977455	3.716099	3.515835
106	1	0	-11.451239	2.761863	3.273273
107	1	0	-11.381585	4.406939	4.033069
108	6	0	-16.470450	4.248822	4.138599
109	1	0	-16.938878	3.241956	4.267690
110	1	0	-15.365813	4.145587	4.273900
111	1	0	-16.865858	4.927097	4.933656
112	6	0	-16.831492	3.104252	-1.327197
113	1	0	-16.427994	2.603800	-2.241182
114	1	0	-17.932800	3.240806	-1.455220
115	1	0	-16.353057	4.110350	-1.234467
116	6	0	-11.783178	1.817695	-2.115548
117	1	0	-10.680160	1.864256	-2.291254
118	1	0	-12.211489	0.999527	-2.745108
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121	1	0	-17.374306	-2.926951	1.402875
122	1	0	-15.787864	-2.060067	1.552085
123	1	0	-17.339282	-1.181978	1.896843
124	6	0	-12.295050	-2.763851	1.275108
125	1	0	-13.410796	-2.794429	1.338684
126	1	0	-11.899932	-3.798406	1.425536
127	1	0	-11.910035	-2.114358	2.098482

128	6	0	-16.467371	-3.610330	-4.126555
129	1	0	-17.538761	-3.511017	-4.427459
130	1	0	-16.014711	-2.589926	-4.070543
131	1	0	-15.930710	-4.193424	-4.914248
132	6	0	-11.319266	-5.004091	-3.892476
133	1	0	-10.201617	-4.982750	-3.880375
134	1	0	-11.653639	-5.839490	-4.555362
135	1	0	-11.689024	-4.041148	-4.321490
136	6	0	-16.762260	-8.479771	-1.108597
137	1	0	-15.714510	-8.594528	-0.735837
138	1	0	-17.266871	-7.679322	-0.514290
139	1	0	-17.304171	-9.442393	-0.941445
140	6	0	-12.498565	-9.434261	-0.429802
141	1	0	-12.240488	-8.758222	0.421055
142	1	0	-13.610450	-9.453102	-0.547006
143	1	0	-12.150406	-10.466704	-0.181812
144	6	0	-2.386321	-5.536929	-1.080596
145	7	0	-1.984577	-4.329755	-0.342819
146	1	0	-0.996212	-4.215467	-0.098110
147	6	0	-2.852146	-3.333256	-0.070971
148	8	0	-4.042879	-3.329900	-0.422977
149	6	0	-2.272448	-2.174809	0.773859
150	7	0	-2.729586	-0.899692	0.201462
151	1	0	-3.735650	-0.765117	0.055996
152	6	0	-1.860527	-6.775823	-0.320357
153	8	0	-0.688411	-6.823191	0.090089
154	7	0	-2.753982	-7.776806	-0.182100
155	1	0	-3.725559	-7.625371	-0.473958
156	6	0	-2.408183	-9.052258	0.465451
157	6	0	-2.788082	-10.211334	-0.484785
158	8	0	-3.937572	-10.318104	-0.946374
159	7	0	-1.797385	-11.086415	-0.744485
160	1	0	-0.854293	-10.900709	-0.391099
161	1	0	-3.480031	-5.550717	-1.116535
162	1	0	-1.179186	-2.183095	0.728213
163	1	0	-1.326741	-9.041025	0.635858
164	6	0	-7.028729	2.224988	-0.527751
165	6	0	-7.629148	3.282526	0.427777
166	8	0	-8.832709	3.253638	0.733267
167	7	0	-6.761332	4.224696	0.850069
168	1	0	-5.767466	4.132168	0.618157
169	6	0	-7.172835	5.341302	1.713820
170	6	0	-6.638643	6.659275	1.105905

171	8	0	-5.466026	6.749456	0.706055
172	7	0	-7.527557	7.674483	1.085714
173	1	0	-8.499056	7.494901	1.359412
174	7	0	-7.510092	0.895868	-0.121822
175	1	0	-8.521007	0.753126	-0.029470
176	6	0	-6.678113	-0.152844	0.037785
177	8	0	-5.451390	-0.105513	-0.156034
178	6	0	-7.352679	-1.449947	0.540847
179	7	0	-6.812668	-2.589639	-0.215202
180	1	0	-5.795555	-2.697349	-0.272063
181	1	0	-5.937611	2.218387	-0.446751
182	1	0	-8.266904	5.351543	1.738943
183	1	0	-8.430301	-1.412017	0.353943
184	6	0	-2.532933	1.352436	-0.722337
185	7	0	-2.018581	2.568363	-0.074490
186	1	0	-1.003820	2.687676	0.001991
187	6	0	-2.832748	3.567867	0.323140
188	8	0	-4.065015	3.563684	0.169682
189	6	0	-2.126828	4.736034	1.050977
190	7	0	-2.681156	6.008435	0.563776
191	1	0	-3.697131	6.139867	0.598326
192	6	0	-1.894291	7.032418	0.173500
193	8	0	-0.651805	7.004028	0.194547
194	6	0	-1.884743	0.119126	-0.052417
195	8	0	-0.664860	0.089950	0.185106
196	1	0	-3.617085	1.334802	-0.575385
197	1	0	-1.057478	4.733669	0.819152
198	6	0	-6.869660	-4.625696	-1.565152
199	6	0	-7.608508	-3.545575	-0.740075
200	8	0	-8.844726	-3.561923	-0.625694
201	7	0	-7.421289	-5.947750	-1.230627
202	1	0	-8.435390	-6.081478	-1.301851
203	6	0	-6.631477	-7.004882	-0.950964
204	8	0	-5.388766	-6.965706	-0.948916
205	6	0	-7.384711	-8.301302	-0.569655
206	7	0	-6.739175	-9.447137	-1.224674
207	1	0	-5.737351	-9.595092	-1.079702
208	6	0	-7.434620	-10.344426	-1.961669
209	8	0	-8.663953	-10.273114	-2.143126
210	1	0	-5.807249	-4.637897	-1.303744
211	1	0	-8.415573	-8.257479	-0.935405
212	6	0	-6.615085	-11.462709	-2.585305
213	1	0	-5.560841	-11.420464	-2.302918

214	1	0	-7.046073	-12.421164	-2.277301
215	1	0	-6.710043	-11.393341	-3.674521
216	6	0	-2.006002	-12.242333	-1.603923
217	1	0	-1.172225	-12.936410	-1.467576
218	1	0	-2.942227	-12.745565	-1.342824
219	1	0	-2.060334	-11.955570	-2.662321
220	6	0	-7.174188	9.015410	0.593199
221	1	0	-6.093420	9.016640	0.418156
222	6	0	-2.651795	8.268166	-0.367614
223	1	0	-3.689364	8.255079	-0.018865
224	1	0	-1.026338	9.629212	0.022590
225	6	0	-2.747133	10.452491	0.786293
226	6	0	-1.949145	11.642209	1.295135
227	1	0	-0.890009	11.580947	1.035004
228	1	0	-2.383934	12.556060	0.876708
229	1	0	-2.060201	11.692127	2.383910
230	8	0	-3.979111	10.387600	0.954632
231	7	0	-2.029923	9.488273	0.164631
232	6	0	-7.542000	10.056692	1.675291
233	1	0	-5.610363	10.756317	1.637097
234	6	0	-6.748091	11.946879	3.010891
235	1	0	-5.916231	12.653448	2.945612
236	1	0	-7.687665	12.475381	2.821598
237	1	0	-6.788755	11.539184	4.029535
238	8	0	-8.685852	10.107007	2.161136
239	7	0	-6.549659	10.898520	2.021079
240	6	0	-7.882663	9.400421	-0.683148
241	1	0	-7.642085	8.679944	-1.502117
242	1	0	-8.991478	9.419572	-0.539112
243	1	0	-7.547502	10.419443	-0.996045
244	6	0	-2.643850	8.184226	-1.876066
245	1	0	-1.600388	8.186363	-2.277383
246	1	0	-3.146892	7.238068	-2.193461
247	1	0	-3.197134	9.046600	-2.321045
248	6	0	-2.302058	4.522475	2.536270
249	1	0	-3.383554	4.506897	2.819364
250	1	0	-1.843529	3.544506	2.823075
251	1	0	-1.795779	5.334606	3.112529
252	6	0	-6.654321	5.243957	3.129166
253	1	0	-7.022356	4.310082	3.619374
254	1	0	-5.536557	5.241708	3.152732
255	1	0	-7.022000	6.121456	3.715514
256	6	0	-7.409810	2.609716	-1.937829

257	1	0	-6.988380	1.880774	-2.671947
258	1	0	-8.520293	2.640103	-2.064256
259	1	0	-6.996633	3.622739	-2.165922
260	6	0	-2.243286	1.276761	-2.203086
261	1	0	-1.143258	1.279223	-2.402474
262	1	0	-2.678830	0.333282	-2.614381
263	1	0	-2.703540	2.142740	-2.738059
264	6	0	-7.122974	-1.537663	2.031605
265	1	0	-7.607764	-2.453016	2.450052
266	1	0	-6.031874	-1.571093	2.273070
267	1	0	-7.571165	-0.641059	2.525704
268	6	0	-2.702334	-2.390814	2.205794
269	1	0	-3.816575	-2.395756	2.298688
270	1	0	-2.309769	-3.374499	2.562362
271	1	0	-2.294492	-1.585891	2.864316
272	6	0	-7.006576	-4.258375	-3.024314
273	1	0	-8.079952	-4.224889	-3.335495
274	1	0	-6.553855	-3.250750	-3.193430
275	1	0	-6.473274	-4.999703	-3.667731
276	6	0	-1.852179	-5.600440	-2.492008
277	1	0	-0.734269	-5.602543	-2.503244
278	1	0	-2.215692	-6.537956	-2.979815
279	1	0	-2.212588	-4.727292	-3.088335
280	6	0	-7.406801	-8.389807	0.938458
281	1	0	-6.371312	-8.429844	1.358031
282	1	0	-7.925199	-7.489893	1.351268
283	1	0	-7.960023	-9.301520	1.270943
284	6	0	-3.115400	-9.277284	1.780121
285	1	0	-2.863870	-8.468501	2.508299
286	1	0	-4.224980	-9.300793	1.642117
287	1	0	-2.790036	-10.256300	2.209363
288	1	0	-10.740639	-2.242800	-0.084875
289	6	0	7.126737	-5.651526	0.096904
290	7	0	7.562101	-4.316779	0.536276
291	1	0	8.557133	-4.165958	0.725084
292	6	0	6.711168	-3.271641	0.606637
293	8	0	5.511607	-3.329483	0.293574
294	6	0	7.324970	-1.965844	1.163838
295	7	0	6.850596	-0.836943	0.350193
296	1	0	5.840051	-0.730799	0.210112
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298	8	0	8.838712	-6.672580	1.485182
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300	1	0	5.774837	-7.522528	1.198102
301	6	0	7.096702	-8.713651	2.416085
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305	1	0	8.632817	-10.722248	2.037438
306	1	0	6.032379	-5.652706	0.088586
307	1	0	8.178761	-8.668277	2.575998
308	6	0	2.518577	2.063519	-0.927084
309	6	0	1.927128	3.305209	-0.220225
310	8	0	0.734745	3.333495	0.125336
311	7	0	2.786460	4.331967	-0.057655
312	1	0	3.775938	4.199122	-0.287638
313	6	0	2.371819	5.612647	0.535105
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316	7	0	1.995162	7.734347	-0.612806
317	1	0	1.021614	7.608942	-0.315821
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319	1	0	1.047744	0.737560	-0.076092
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321	8	0	4.119348	-0.124005	-0.086026
322	6	0	2.244286	-1.281063	0.939818
323	7	0	2.751606	-2.560253	0.420507
324	1	0	3.765470	-2.687176	0.350139
325	1	0	3.611004	2.079918	-0.868627
326	1	0	1.277762	5.621515	0.563736
327	1	0	1.159741	-1.273349	0.794622
328	6	0	7.015373	1.170564	-1.028852
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334	7	0	6.841690	5.998303	-0.764098
335	1	0	5.825223	6.130456	-0.743060
336	6	0	7.613522	6.920178	-1.375365
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346	1	0	1.066020	-6.189967	0.127761
347	6	0	2.867522	-7.028124	0.652902
348	8	0	4.110536	-6.997531	0.638008
349	6	0	2.110084	-8.204761	1.312159
350	7	0	2.740524	-9.469810	0.911137
351	1	0	3.744990	-9.587090	1.064526
352	6	0	2.029395	-10.500421	0.396518
353	8	0	0.796921	-10.464099	0.227310
354	1	0	3.706819	-4.812660	-0.230067
355	1	0	1.075275	-8.231678	0.956273
356	6	0	2.837070	-11.729276	0.010581
357	1	0	3.894753	-11.635935	0.267227
358	1	0	2.405545	-12.600540	0.514291
359	1	0	2.731962	-11.886295	-1.068588
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361	1	0	6.490941	-12.675973	1.442819
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363	1	0	8.244593	-12.985139	1.568147
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365	1	0	3.419421	8.913418	-1.555652
366	6	0	6.838187	8.011108	-2.151302
367	1	0	5.804843	8.062678	-1.794163
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369	6	0	6.730837	10.394091	-1.498475
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373	1	0	7.427369	11.942488	-0.202803
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375	7	0	7.453822	9.319606	-1.892315
376	6	0	1.927768	10.186652	-0.600568
377	1	0	3.851727	10.888078	-0.760668
378	6	0	2.668181	12.350549	0.270771
379	1	0	2.620323	12.196009	1.356735
380	1	0	3.485500	13.041685	0.047466
381	1	0	1.720537	12.795081	-0.048723
382	8	0	0.771946	10.330013	-0.164937
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384	6	0	1.645910	8.987435	-2.743865
385	1	0	1.917613	8.101397	-3.367374

386	1	0	0.534178	9.012844	-2.625134
387	1	0	1.966934	9.912756	-3.281765
388	6	0	6.830227	7.614705	-3.609334
389	1	0	7.869025	7.541495	-4.016005
390	1	0	6.333377	6.619396	-3.716421
391	1	0	6.263030	8.361267	-4.216615
392	6	0	7.258971	4.960831	1.470150
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394	1	0	7.727258	4.066142	1.948849
395	1	0	7.767668	5.877362	1.856440
396	6	0	2.897991	5.841130	1.932354
397	1	0	2.537417	5.041282	2.623819
398	1	0	4.015869	5.848936	1.948782
399	1	0	2.528721	6.827297	2.306685
400	6	0	2.108884	2.122320	-2.379849
401	1	0	2.523268	1.249620	-2.940731
402	1	0	0.996144	2.118845	-2.488527
403	1	0	2.509446	3.060517	-2.836233
404	6	0	7.285066	0.795109	-2.467256
405	1	0	8.382088	0.766456	-2.680717
406	1	0	6.855258	-0.216510	-2.669394
407	1	0	6.806716	1.528743	-3.160763
408	6	0	2.539882	-1.053225	2.403800
409	1	0	2.075139	-1.855038	3.027541
410	1	0	3.640660	-1.043334	2.599010
411	1	0	2.112837	-0.068652	2.715577
412	6	0	6.948939	-1.868832	2.623809
413	1	0	5.839025	-1.842640	2.756307
414	1	0	7.352711	-2.758122	3.166900
415	1	0	7.382960	-0.946450	3.080736
416	6	0	2.462488	-4.775179	-1.959617
417	1	0	1.381034	-4.786010	-2.243059
418	1	0	2.923171	-3.832502	-2.344443
419	1	0	2.966687	-5.642868	-2.450400
420	6	0	7.624873	-6.039957	-1.274872
421	1	0	8.742079	-6.064054	-1.309253
422	1	0	7.238084	-7.056701	-1.531230
423	1	0	7.260534	-5.317074	-2.044698
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425	1	0	3.145124	-7.921157	3.211648
426	1	0	1.594260	-6.996130	3.018820
427	1	0	1.552737	-8.782343	3.330712
428	6	0	6.394734	-8.628327	3.749882



429	1	0	6.651413	-7.675035	4.272366
430	1	0	5.284456	-8.678672	3.625049
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435	6	0	16.381004	-3.154164	0.876826
436	8	0	15.174072	-3.204497	0.606851
437	6	0	17.129943	-1.805055	0.973726
438	7	0	16.501966	-0.861873	0.046620
439	1	0	15.481676	-0.868785	-0.035904
440	6	0	17.085720	-6.222164	2.568398
441	8	0	18.231543	-5.998639	2.972589
442	7	0	16.185931	-7.034170	3.180303
443	1	0	15.218956	-7.056942	2.839115
444	6	0	16.505000	-7.739258	4.425195
445	6	0	16.168276	-9.236738	4.239630
446	8	0	15.040647	-9.608860	3.893688
447	7	0	17.187591	-10.096369	4.501660
448	1	0	18.097020	-9.703525	4.703723
449	1	0	15.479845	-5.503557	1.273733
450	1	0	18.174250	-1.923310	0.656801
451	1	0	17.578596	-7.588309	4.593003
452	6	0	12.079199	1.832907	-1.481902
453	6	0	11.477117	3.182534	-1.025919
454	8	0	10.297583	3.256434	-0.647475
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456	1	0	13.288518	4.099063	-1.366132
457	6	0	11.865119	5.607857	-0.791155
458	6	0	12.381567	6.558216	-1.893799
459	8	0	13.556995	6.488605	-2.289637
460	7	0	11.480085	7.457516	-2.341702
461	1	0	10.506842	7.395915	-2.022612
462	7	0	11.635136	0.783647	-0.552524
463	1	0	10.632725	0.714080	-0.346699
464	6	0	12.476394	-0.146241	-0.055088
465	8	0	13.682947	-0.224184	-0.341209
466	6	0	11.842268	-1.106382	0.976643
467	7	0	12.332245	-2.471986	0.728485
468	1	0	13.339534	-2.614130	0.629162
469	1	0	13.171990	1.873135	-1.440772
470	1	0	10.771080	5.603606	-0.774749
471	1	0	10.754435	-1.121513	0.859029

472	6	0	16.386103	0.983994	-1.543225
473	7	0	17.024026	2.304550	-1.620262
474	1	0	18.032410	2.306454	-1.497784
475	6	0	16.327587	3.462149	-1.641304
476	8	0	15.091477	3.516353	-1.695973
477	6	0	17.189390	4.743007	-1.563067
478	7	0	16.432311	5.846312	-2.160242
479	1	0	15.409633	5.812875	-2.128938
480	6	0	17.056851	6.953778	-2.625179
481	8	0	18.281511	7.127550	-2.597333
482	6	0	17.211147	0.126323	-0.552940
483	8	0	18.417660	0.332963	-0.383814
484	1	0	15.367649	1.114650	-1.166120
485	1	0	18.105950	4.610874	-2.153838
486	6	0	12.173146	-4.899424	0.431835
487	6	0	11.504329	-3.538281	0.741745
488	8	0	10.282787	-3.465983	0.948799
489	7	0	11.595892	-5.922316	1.317376
490	1	0	10.576947	-6.042155	1.323733
491	6	0	12.355381	-6.734049	2.078414
492	8	0	13.599241	-6.722554	2.082245
493	6	0	11.566854	-7.676211	3.018713
494	7	0	12.208427	-8.997321	3.038143
495	1	0	13.197664	-9.055404	3.281368
496	6	0	11.519241	-10.141525	2.808857
497	8	0	10.300853	-10.168185	2.563982
498	1	0	13.246066	-4.849484	0.641542
499	1	0	10.549440	-7.815221	2.640440
500	6	0	12.338466	-11.421774	2.850498
501	1	0	13.379956	-11.248143	3.130791
502	1	0	11.871350	-12.110285	3.562168
503	1	0	12.297094	-11.890895	1.861488
504	6	0	17.064701	-11.544091	4.384885
505	1	0	17.551785	-12.032659	5.235274
506	1	0	16.003091	-11.797894	4.383238
507	1	0	17.515461	-11.911588	3.454435
508	6	0	11.815834	8.461434	-3.363946
509	1	0	12.900129	8.410436	-3.514184
510	6	0	16.114738	8.021869	-3.235208
511	1	0	15.278781	8.197667	-2.548622
512	1	0	17.905728	9.120693	-3.284981
513	6	0	16.340730	10.473602	-3.491483
514	6	0	17.302096	11.649170	-3.566928

515	1	0	18.352695	11.354507	-3.487306
516	1	0	17.145507	12.169536	-4.517316
517	1	0	17.062215	12.351090	-2.761959
518	8	0	15.111507	10.648825	-3.548707
519	7	0	16.900597	9.252627	-3.355079
520	6	0	11.397330	9.859821	-2.852365
521	1	0	13.299075	10.584410	-3.209285
522	6	0	12.077937	12.185800	-2.513958
523	1	0	12.928795	12.803852	-2.810139
524	1	0	11.169009	12.561341	-2.995529
525	1	0	11.940457	12.259999	-1.427816
526	8	0	10.246326	10.069376	-2.432965
527	7	0	12.344458	10.813797	-2.924895
528	6	0	11.130007	8.231253	-4.689608
529	1	0	11.410324	7.236404	-5.113196
530	1	0	10.017725	8.271096	-4.579688
531	1	0	11.444052	9.026158	-5.409474
532	6	0	15.538515	7.514368	-4.534469
533	1	0	16.336138	7.161631	-5.231129
534	1	0	14.839760	6.667097	-4.318047
535	1	0	14.957535	8.325987	-5.039700
536	6	0	17.599804	4.964474	-0.125036
537	1	0	16.711547	5.064793	0.544515
538	1	0	18.217815	4.103293	0.228205
539	1	0	18.213528	5.896233	-0.043288
540	6	0	12.369068	6.120328	0.537018
541	1	0	12.021278	5.461658	1.369637
542	1	0	13.485408	6.163188	0.559263
543	1	0	11.968399	7.149624	0.708051
544	6	0	11.661268	1.603003	-2.915352
545	1	0	12.084432	0.642636	-3.298387
546	1	0	10.548135	1.564196	-3.012592
547	1	0	12.046530	2.438792	-3.549407
548	6	0	16.312116	0.254533	-2.862971
549	1	0	17.329398	0.024072	-3.262595
550	1	0	15.756125	-0.704482	-2.717286
551	1	0	15.765196	0.868114	-3.620038
552	6	0	12.172467	-0.579335	2.353805
553	1	0	11.725163	-1.232843	3.141794
554	1	0	13.277066	-0.530475	2.516742
555	1	0	11.748910	0.449051	2.464280
556	6	0	17.128835	-1.366948	2.420737
557	1	0	16.088497	-1.235987	2.806873

558	1	0	17.648016	-2.134082	3.045566
559	1	0	17.671934	-0.395803	2.529586
560	6	0	11.980698	-5.186010	-1.038226
561	1	0	10.895788	-5.238626	-1.303414
562	1	0	12.455678	-4.370148	-1.636510
563	1	0	12.460641	-6.155790	-1.316251
564	6	0	16.946983	-6.520884	0.113186
565	1	0	18.051384	-6.684069	0.068878
566	1	0	16.444134	-7.507967	0.263124
567	1	0	16.611659	-6.097667	-0.865009
568	6	0	11.492628	-7.010187	4.372968
569	1	0	12.512009	-6.831593	4.795489
570	1	0	10.970541	-6.027279	4.270017
571	1	0	10.916924	-7.643061	5.091328
572	6	0	15.749262	-7.241093	5.633748
573	1	0	15.969250	-6.161525	5.818653
574	1	0	14.645826	-7.361615	5.496408
575	1	0	16.060587	-7.826750	6.532869
576	1	0	8.415739	-1.995387	1.082689

AP PI (Ac-AAAAAA-NHMe)<sub>9</sub>

1	6	0	-14.170252	5.105032	2.877184
2	7	0	-13.835085	4.112781	1.843743
3	1	0	-12.870231	4.081449	1.500810
4	6	0	-14.715945	3.181859	1.419808
5	8	0	-15.870289	3.055282	1.859129
6	6	0	-14.204069	2.286096	0.267319
7	7	0	-14.655833	0.904363	0.495174
8	1	0	-15.646884	0.747119	0.696190
9	6	0	-13.639945	6.485903	2.423487
10	8	0	-12.504283	6.601726	1.932304
11	7	0	-14.479355	7.519203	2.642461
12	1	0	-15.435794	7.329917	2.960987
13	6	0	-14.114056	8.906118	2.308492
14	6	0	-14.474964	9.818710	3.503444
15	8	0	-15.617512	9.825062	3.990011
16	7	0	-13.472808	10.607929	3.939892
17	1	0	-12.537567	10.499006	3.537485
18	1	0	-15.260038	5.131321	2.972775
19	1	0	-13.033668	8.920448	2.133498
20	6	0	-18.892660	-2.241346	0.162181
21	6	0	-19.550736	-2.877133	-1.086456
22	8	0	-20.682010	-2.539007	-1.451247
23	7	0	-18.798450	-3.836878	-1.678220
24	1	0	-17.815879	-3.942125	-1.411727
25	6	0	-19.278262	-4.586165	-2.840893
26	6	0	-18.617210	-5.983867	-2.820897
27	8	0	-17.500455	-6.159703	-2.314003
28	7	0	-19.331533	-6.965355	-3.412308
29	1	0	-20.194880	-6.750318	-3.902658
30	7	0	-19.416465	-0.874484	0.290673
31	1	0	-20.382128	-0.748447	0.003748
32	6	0	-18.635221	0.191088	0.570874
33	8	0	-17.427275	0.099748	0.834287
34	6	0	-19.339894	1.565582	0.511809
35	7	0	-18.719169	2.441295	1.507751
36	1	0	-17.699912	2.428342	1.593140
37	1	0	-17.808446	-2.180014	0.027735
38	1	0	-20.367783	-4.677936	-2.743791
39	1	0	-20.398616	1.469056	0.784231
40	6	0	-14.466322	-1.531093	0.651026
41	7	0	-13.989494	-2.504540	-0.342793

42	1	0	-12.980687	-2.572217	-0.508315
43	6	0	-14.817303	-3.366859	-0.971583
44	8	0	-16.038374	-3.444262	-0.760141
45	6	0	-14.137428	-4.235950	-2.056894
46	7	0	-14.669076	-5.606494	-1.996611
47	1	0	-15.683838	-5.729831	-2.035431
48	6	0	-13.864961	-6.690343	-2.030173
49	8	0	-12.624841	-6.635220	-2.077288
50	6	0	-13.834453	-0.153590	0.337108
51	8	0	-12.641597	-0.063108	0.001359
52	1	0	-15.555935	-1.474584	0.564830
53	1	0	-13.060421	-4.293678	-1.872846
54	6	0	-18.611582	4.168790	3.224616
55	6	0	-19.429340	3.396903	2.161601
56	8	0	-20.629882	3.626336	1.986514
57	7	0	-19.128010	5.542663	3.284883
58	1	0	-20.135268	5.646210	3.232181
59	6	0	-18.328257	6.632225	3.309115
60	8	0	-17.090041	6.560824	3.340092
61	6	0	-19.054354	7.997746	3.259208
62	7	0	-18.416003	8.933128	4.182997
63	1	0	-17.436097	9.179753	4.037555
64	6	0	-19.069674	9.369755	5.302919
65	8	0	-20.231894	9.056229	5.576788
66	1	0	-17.558964	4.222664	2.930645
67	1	0	-20.087874	7.890482	3.612768
68	6	0	-18.251605	10.289842	6.200249
69	1	0	-17.237963	10.456805	5.826285
70	1	0	-18.778503	11.246000	6.287487
71	1	0	-18.209099	9.846928	7.200763
72	6	0	-13.661586	11.546188	5.036230
73	1	0	-14.633655	12.039544	4.944074
74	1	0	-13.628884	11.043173	6.011892
75	1	0	-12.867766	12.297724	4.999620
76	6	0	-18.788226	-8.306492	-3.672622
77	1	0	-17.705906	-8.270559	-3.515932
78	6	0	-14.595661	-8.054862	-1.958177
79	1	0	-15.627288	-7.944836	-2.307543
80	1	0	-12.941864	-9.217501	-2.701121
81	6	0	-14.578728	-9.631209	-3.869008
82	6	0	-13.732052	-10.573688	-4.709339
83	1	0	-12.704096	-10.651631	-4.348601
84	1	0	-14.205442	-11.561243	-4.704164

85	1	0	-13.735510	-10.212099	-5.743393
86	8	0	-15.784832	-9.454018	-4.124530
87	7	0	-13.932471	-9.011505	-2.853901
88	6	0	-19.109603	-8.652501	-5.147932
89	1	0	-17.305054	-9.605364	-5.248992
90	6	0	-18.327736	-9.902639	-7.115633
91	1	0	-18.136914	-10.980276	-7.182734
92	1	0	-19.347408	-9.694895	-7.446690
93	1	0	-17.629416	-9.381098	-7.783709
94	8	0	-20.145100	-8.235536	-5.680208
95	7	0	-18.187512	-9.446882	-5.741650
96	6	0	-19.368182	-9.385539	-2.791329
97	1	0	-19.184353	-9.155612	-1.713568
98	1	0	-20.469036	-9.493972	-2.947937
99	1	0	-18.873892	-10.357779	-3.035979
100	6	0	-14.617675	-8.489300	-0.511916
101	1	0	-13.582261	-8.607270	-0.107082
102	1	0	-15.153099	-7.718105	0.094605
103	1	0	-15.154195	-9.462898	-0.401238
104	6	0	-14.364748	-3.555717	-3.387558
105	1	0	-15.455181	-3.464420	-3.616702
106	1	0	-13.918486	-2.531540	-3.357550
107	1	0	-13.875975	-4.130843	-4.211208
108	6	0	-18.982144	-3.940332	-4.175570
109	1	0	-19.453126	-2.927592	-4.225708
110	1	0	-17.882285	-3.827925	-4.339327
111	1	0	-19.403693	-4.566995	-4.999027
112	6	0	-19.176222	-3.123935	1.353701
113	1	0	-18.746164	-2.677603	2.283478
114	1	0	-20.273498	-3.268648	1.505142
115	1	0	-18.701460	-4.122450	1.188414
116	6	0	-14.117284	-1.885512	2.077355
117	1	0	-13.010436	-1.942694	2.223139
118	1	0	-14.528234	-1.102789	2.761226
119	1	0	-14.563519	-2.870783	2.357096
120	6	0	-19.267022	2.071218	-0.911111
121	1	0	-19.786442	3.057245	-0.997342
122	1	0	-18.207881	2.198527	-1.244738
123	1	0	-19.771648	1.344041	-1.593018
124	6	0	-14.699254	2.883052	-1.029716
125	1	0	-15.816169	2.920617	-1.060172
126	1	0	-14.303655	3.923549	-1.129376
127	1	0	-14.340178	2.282595	-1.900663

128	6	0	-18.709993	3.417058	4.530590
129	1	0	-19.772185	3.302405	4.857501
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131	1	0	-18.147672	3.952024	5.334384
132	6	0	-13.574809	4.805986	4.232987
133	1	0	-12.457981	4.782112	4.190216
134	1	0	-13.887972	5.600145	4.954348
135	1	0	-13.937659	3.819651	4.611832
136	6	0	-19.069469	8.458930	1.821282
137	1	0	-18.031666	8.593332	1.427804
138	1	0	-19.593332	7.697275	1.193590
139	1	0	-19.611551	9.431347	1.727435
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142	1	0	-15.925782	9.460190	1.231277
143	1	0	-14.469874	10.488673	0.891982
144	6	0	-4.721677	5.480905	1.239533
145	7	0	-4.337227	4.314978	0.429882
146	1	0	-3.352360	4.208720	0.167333
147	6	0	-5.214738	3.340915	0.113583
148	8	0	-6.401302	3.324734	0.479677
149	6	0	-4.653514	2.227364	-0.801278
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151	1	0	-6.116676	0.791546	-0.137084
152	6	0	-4.200045	6.758876	0.543242
153	8	0	-3.034886	6.823904	0.116638
154	7	0	-5.090291	7.770506	0.479494
155	1	0	-6.057404	7.606247	0.778331
156	6	0	-4.747921	9.082701	-0.092199
157	6	0	-5.104450	10.179966	0.937377
158	8	0	-6.247157	10.266225	1.420302
159	7	0	-4.102160	11.026035	1.243181
160	1	0	-3.164852	10.856650	0.865952
161	1	0	-5.814621	5.497701	1.292235
162	1	0	-3.559686	2.226714	-0.769832
163	1	0	-3.669666	9.076523	-0.282364
164	6	0	-9.411671	-2.216270	0.356389
165	6	0	-10.035937	-3.222039	-0.638915
166	8	0	-11.244609	-3.172175	-0.920647
167	7	0	-9.181245	-4.146865	-1.122028
168	1	0	-8.183001	-4.070670	-0.903282
169	6	0	-9.613637	-5.219241	-2.030565
170	6	0	-9.078186	-6.567160	-1.493378



171	8	0	-7.899292	-6.683312	-1.119612
172	7	0	-9.974134	-7.576534	-1.502282
173	1	0	-10.948901	-7.378651	-1.750677
174	7	0	-9.895154	-0.866420	0.029606
175	1	0	-10.907105	-0.714928	-0.032320
176	6	0	-9.061310	0.186069	-0.091858
177	8	0	-7.830997	0.122979	0.072159
178	6	0	-9.739026	1.511855	-0.508834
179	7	0	-9.177918	2.605653	0.298038
180	1	0	-8.159433	2.708634	0.336168
181	1	0	-8.322471	-2.209414	0.253099
182	1	0	-10.708033	-5.222397	-2.038360
183	1	0	-10.812913	1.468257	-0.302541
184	6	0	-4.920481	-1.372253	0.509774
185	7	0	-4.418397	-2.559361	-0.198170
186	1	0	-3.405111	-2.677081	-0.295669
187	6	0	-5.241038	-3.538471	-0.627433
188	8	0	-6.470867	-3.538742	-0.454772
189	6	0	-4.549938	-4.674354	-1.417840
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193	8	0	-3.079953	-6.992534	-0.694756
194	6	0	-4.272463	-0.111842	-0.107762
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199	6	0	-9.957560	3.532219	0.894913
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201	7	0	-9.747916	5.902588	1.518210
202	1	0	-10.758716	6.036134	1.626297
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206	7	0	-9.045150	9.390837	1.713036
207	1	0	-8.046833	9.544654	1.550297
208	6	0	-9.714242	10.237000	2.530449
209	8	0	-10.938436	10.157844	2.741849
210	1	0	-8.138716	4.585828	1.475282
211	1	0	-10.735946	8.230905	1.389468
212	6	0	-8.870188	11.304400	3.208166
213	1	0	-7.828826	11.289720	2.878975

214	1	0	-9.315399	12.282817	2.999600
215	1	0	-8.917354	11.144448	4.291060
216	6	0	-4.289146	12.120391	2.184220
217	1	0	-3.432887	12.796232	2.110439
218	1	0	-5.205807	12.671793	1.951504
219	1	0	-4.367275	11.756426	3.216995
220	6	0	-9.622566	-8.939095	-1.072199
221	1	0	-8.539360	-8.954182	-0.913581
222	6	0	-5.081871	-8.265361	-0.159266
223	1	0	-6.122356	-8.231881	-0.497824
224	1	0	-3.467839	-9.617032	-0.622659
225	6	0	-5.202519	-10.404391	-1.392600
226	6	0	-4.416884	-11.577804	-1.955708
227	1	0	-3.353548	-11.529134	-1.710447
228	1	0	-4.848219	-12.504510	-1.562696
229	1	0	-4.545606	-11.589119	-3.043603
230	8	0	-6.436327	-10.328506	-1.541344
231	7	0	-4.472387	-9.466445	-0.746082
232	6	0	-10.012966	-9.932454	-2.190832
233	1	0	-8.086406	-10.646951	-2.206634
234	6	0	-9.249863	-11.775184	-3.609766
235	1	0	-8.440394	-12.508634	-3.560414
236	1	0	-10.207043	-12.280034	-3.447242
237	1	0	-9.266673	-11.332518	-4.614512
238	8	0	-11.163410	-9.953997	-2.663021
239	7	0	-9.031909	-10.767573	-2.582454
240	6	0	-10.314210	-9.372926	0.197762
241	1	0	-10.056877	-8.688516	1.042178
242	1	0	-11.425151	-9.379835	0.070016
243	1	0	-9.980777	-10.405955	0.462935
244	6	0	-5.060911	-8.242910	1.351321
245	1	0	-4.014226	-8.266937	1.743373
246	1	0	-5.556041	-7.307848	1.711215
247	1	0	-5.615329	-9.119756	1.765547
248	6	0	-4.740352	-4.389474	-2.889222
249	1	0	-5.824765	-4.355057	-3.159166
250	1	0	-4.279450	-3.401322	-3.134341
251	1	0	-4.244899	-5.175821	-3.509018
252	6	0	-9.116616	-5.058300	-3.447767
253	1	0	-9.487019	-4.100744	-3.887957
254	1	0	-7.999331	-5.060298	-3.488743
255	1	0	-9.498159	-5.905626	-4.068608
256	6	0	-9.764681	-2.671626	1.752726

257	1	0	-9.325706	-1.982038	2.514080
258	1	0	-10.872363	-2.705992	1.900671
259	1	0	-9.350120	-3.695861	1.920196
260	6	0	-4.618003	-1.366051	1.989958
261	1	0	-3.516415	-1.381706	2.179717
262	1	0	-5.046423	-0.441029	2.448021
263	1	0	-5.077227	-2.254149	2.488302
264	6	0	-9.537971	1.681504	-1.996632
265	1	0	-10.026866	2.620233	-2.354065
266	1	0	-8.451586	1.724878	-2.257150
267	1	0	-9.999402	0.815156	-2.530875
268	6	0	-5.100593	2.523672	-2.213379
269	1	0	-6.215894	2.539843	-2.291012
270	1	0	-4.706549	3.523215	-2.520876
271	1	0	-4.706321	1.753717	-2.920212
272	6	0	-9.296732	4.111208	3.200452
273	1	0	-10.362215	4.062476	3.535769
274	1	0	-8.843886	3.094413	3.300029
275	1	0	-8.744842	4.812908	3.872011
276	6	0	-4.167541	5.462815	2.644575
277	1	0	-3.049603	5.461104	2.640025
278	1	0	-4.520686	6.372330	3.189655
279	1	0	-4.522722	4.558430	3.195750
280	6	0	-9.771364	8.478488	-0.496431
281	1	0	-8.745794	8.541625	-0.937097
282	1	0	-10.303984	7.608955	-0.953822
283	1	0	-10.327425	9.411815	-0.756246
284	6	0	-5.477045	9.394656	-1.376719
285	1	0	-5.243113	8.632965	-2.159504
286	1	0	-6.583846	9.414433	-1.217409
287	1	0	-5.153673	10.397609	-1.748320
288	1	0	-13.110058	2.277658	0.252934
289	6	0	4.780106	5.601428	0.027396
290	7	0	5.199300	4.293349	-0.498408
291	1	0	6.192529	4.144910	-0.701250
292	6	0	4.337908	3.263577	-0.627857
293	8	0	3.139666	3.313108	-0.305970
294	6	0	4.935379	1.986796	-1.264016
295	7	0	4.454331	0.818598	-0.511504
296	1	0	3.443943	0.715269	-0.369120
297	6	0	5.325703	6.706558	-0.905701
298	8	0	6.505748	6.687143	-1.294965
299	7	0	4.439447	7.675558	-1.213037

300	1	0	3.460761	7.570200	-0.925487
301	6	0	4.800709	8.836705	-2.041913
302	6	0	4.393315	10.126780	-1.292661
303	8	0	3.233260	10.295517	-0.878130
304	7	0	5.374231	11.039405	-1.152119
305	1	0	6.325630	10.805304	-1.451003
306	1	0	3.685799	5.617065	0.032708
307	1	0	5.886305	8.806413	-2.180696
308	6	0	0.118372	-2.124177	0.626060
309	6	0	-0.481631	-3.327655	-0.137157
310	8	0	-1.675444	-3.334682	-0.479217
311	7	0	0.372214	-4.349857	-0.350013
312	1	0	1.363664	-4.231177	-0.120087
313	6	0	-0.049593	-5.600039	-1.000013
314	6	0	0.472009	-6.789333	-0.161583
315	8	0	1.649143	-6.821684	0.235247
316	7	0	-0.430200	-7.767731	0.058733
317	1	0	-1.405499	-7.624538	-0.224178
318	7	0	-0.341358	-0.882017	-0.012233
319	1	0	-1.348770	-0.748923	-0.151029
320	6	0	0.504464	0.120138	-0.323749
321	8	0	1.725734	0.097950	-0.093094
322	6	0	-0.142792	1.320384	-1.052247
323	7	0	0.377529	2.565179	-0.466703
324	1	0	1.392917	2.681340	-0.395498
325	1	0	1.210419	-2.143046	0.561684
326	1	0	-1.143794	-5.604046	-1.024302
327	1	0	-1.226685	1.313378	-0.902185
328	6	0	4.608888	-1.258844	0.762268
329	7	0	5.116812	-2.567687	0.323393
330	1	0	6.130995	-2.703349	0.275305
331	6	0	4.298652	-3.616887	0.100032
332	8	0	3.066454	-3.583226	0.250212
333	6	0	5.000192	-4.892670	-0.422889
334	7	0	4.427954	-6.066173	0.254463
335	1	0	3.410813	-6.192436	0.232508
336	6	0	5.198738	-7.021093	0.813587
337	8	0	6.441973	-7.007873	0.802321
338	6	0	5.283018	-0.153721	-0.082953
339	8	0	6.507495	-0.172561	-0.297414
340	1	0	3.527272	-1.252684	0.597339
341	1	0	6.066940	-4.861766	-0.181215
342	6	0	0.285452	4.789983	0.540011

343	6	0	-0.429672	3.592211	-0.128583
344	8	0	-1.661247	3.590767	-0.287566
345	7	0	-0.261530	6.042264	-0.003667
346	1	0	-1.276227	6.184826	0.029363
347	6	0	0.532847	7.043016	-0.437129
348	8	0	1.775090	7.005024	-0.416047
349	6	0	-0.214319	8.262165	-1.027771
350	7	0	0.415171	9.496717	-0.539277
351	1	0	1.420813	9.622642	-0.679962
352	6	0	-0.296967	10.490776	0.040409
353	8	0	-1.530363	10.444032	0.203105
354	1	0	1.353789	4.769347	0.304409
355	1	0	-1.253228	8.270146	-0.682793
356	6	0	0.509784	11.691253	0.508846
357	1	0	1.569205	11.611585	0.254761
358	1	0	0.084059	12.593188	0.056682
359	1	0	0.396151	11.781015	1.594817
360	6	0	5.141366	12.314009	-0.489152
361	1	0	4.204860	12.758038	-0.840692
362	1	0	5.072215	12.197142	0.600366
363	1	0	5.970516	12.988070	-0.720872
364	6	0	-0.090037	-8.994915	0.796248
365	1	0	0.994816	-8.989071	0.943571
366	6	0	4.421358	-8.144890	1.538815
367	1	0	3.390128	-8.182663	1.173908
368	1	0	6.042743	-9.556961	1.394810
369	6	0	4.318626	-10.500039	0.792960
370	6	0	5.114893	-11.761047	0.497585
371	1	0	6.172541	-11.660586	0.751760
372	1	0	4.672505	-12.590661	1.058827
373	1	0	5.012459	-11.991974	-0.568499
374	8	0	3.086109	-10.465389	0.622650
375	7	0	5.040188	-9.440533	1.228395
376	6	0	-0.507103	-10.217772	-0.052929
377	1	0	1.417501	-10.928917	0.060263
378	6	0	0.222579	-12.345081	-1.019166
379	1	0	0.172240	-12.147958	-2.098107
380	1	0	1.037294	-13.048197	-0.825707
381	1	0	-0.726310	-12.796972	-0.714141
382	8	0	-1.667288	-10.341698	-0.482761
383	7	0	0.465413	-11.126632	-0.261039
384	6	0	-0.771694	-9.105606	2.138789
385	1	0	-0.493186	-8.246465	2.796019

386	1	0	-1.884200	-9.122590	2.025882
387	1	0	-0.450747	-10.053038	2.636743
388	6	0	4.402500	-7.809614	3.011989
389	1	0	5.438250	-7.747501	3.427956
390	1	0	3.899218	-6.822334	3.157018
391	1	0	3.835937	-8.583813	3.584235
392	6	0	4.842953	-4.918009	-1.925241
393	1	0	3.764776	-4.942631	-2.220261
394	1	0	5.311306	-4.000738	-2.359046
395	1	0	5.349906	-5.814331	-2.358364
396	6	0	0.470353	-5.765094	-2.408467
397	1	0	0.109215	-4.933161	-3.060671
398	1	0	1.588157	-5.774927	-2.429716
399	1	0	0.096959	-6.731940	-2.826501
400	6	0	-0.284286	-2.253110	2.076425
401	1	0	0.136625	-1.410785	2.677460
402	1	0	-1.396413	-2.250619	2.190986
403	1	0	0.114662	-3.214212	2.483912
404	6	0	4.878894	-0.952214	2.216840
405	1	0	5.975910	-0.935665	2.431591
406	1	0	4.450834	0.049547	2.466299
407	1	0	4.399098	-1.716869	2.874900
408	6	0	0.143826	1.170502	-2.528024
409	1	0	-0.317529	2.008808	-3.104533
410	1	0	1.243514	1.162934	-2.729401
411	1	0	-0.292583	0.207764	-2.890825
412	6	0	4.548466	1.976096	-2.724150
413	1	0	3.437489	1.969015	-2.849809
414	1	0	4.958193	2.890542	-3.218960
415	1	0	4.969536	1.076667	-3.235650
416	6	0	0.116733	4.647406	2.034640
417	1	0	-0.963286	4.649319	2.323467
418	1	0	0.573172	3.682325	2.365137
419	1	0	0.628785	5.483851	2.569555
420	6	0	5.277649	5.890006	1.424058
421	1	0	6.394919	5.894935	1.464008
422	1	0	4.904668	6.893022	1.746366
423	1	0	4.899211	5.122863	2.142506
424	6	0	-0.200912	8.121139	-2.531905
425	1	0	0.844186	8.101939	-2.928551
426	1	0	-0.708411	7.166643	-2.815391
427	1	0	-0.747200	8.969346	-3.011407
428	6	0	4.128189	8.850878	-3.393455

429	1	0	4.401116	7.940767	-3.980704
430	1	0	3.015259	8.888146	-3.289755
431	1	0	4.462593	9.753683	-3.960651
432	6	0	9.664211	-1.959302	1.141272
433	6	0	9.061690	-3.291307	0.636385
434	8	0	7.871832	-3.362969	0.290419
435	7	0	9.909750	-4.341090	0.648753
436	1	0	10.899097	-4.183020	0.860187
437	6	0	9.482663	-5.696677	0.269086
438	6	0	9.976620	-6.686119	1.348584
439	8	0	11.149031	-6.643605	1.760955
440	7	0	9.060409	-7.584561	1.761215
441	1	0	8.092050	-7.503218	1.431772
442	7	0	9.220038	-0.873338	0.255347
443	1	0	8.214825	-0.771416	0.078420
444	6	0	10.073699	0.042535	-0.244787
445	8	0	11.292361	0.068420	0.000215
446	6	0	9.435544	1.065141	-1.213105
447	7	0	9.939184	2.407704	-0.884922
448	1	0	10.952133	2.541428	-0.815885
449	1	0	10.756767	-1.996619	1.094984
450	1	0	8.389030	-5.696123	0.227747
451	1	0	8.349140	1.080484	-1.083204
452	6	0	9.818012	4.796481	-0.378190
453	6	0	9.122539	3.478464	-0.793702
454	8	0	7.895698	3.435793	-0.979761
455	7	0	9.274558	5.901743	-1.182164
456	1	0	8.258791	6.040560	-1.195874
457	6	0	10.069875	6.791496	-1.810868
458	8	0	11.312295	6.765754	-1.767957
459	6	0	9.325466	7.850214	-2.658444
460	7	0	9.940229	9.166205	-2.437729
461	1	0	10.946644	9.267384	-2.589641
462	6	0	9.212562	10.258823	-2.107594
463	8	0	7.976387	10.239392	-1.962312
464	1	0	10.890758	4.737250	-0.585545
465	1	0	8.281500	7.922103	-2.337403
466	6	0	10.005320	11.539663	-1.902093
467	1	0	11.069366	11.415609	-2.115696
468	1	0	9.583361	12.316351	-2.548453
469	1	0	9.872512	11.865512	-0.864572
470	6	0	9.375460	-8.627521	2.750502
471	1	0	10.454258	-8.581661	2.930662

472	6	0	8.990086	-10.006348	2.165229
473	1	0	10.902936	-10.664308	2.517950
474	6	0	9.757716	-12.288937	1.715319
475	1	0	10.534626	-12.937367	2.129702
476	1	0	8.775337	-12.652669	2.030888
477	1	0	9.801541	-12.338398	0.619309
478	8	0	7.849845	-10.225428	1.722245
479	7	0	9.968095	-10.933119	2.201261
480	6	0	8.646798	-8.459294	4.061931
481	1	0	8.899637	-7.478426	4.532671
482	1	0	7.539026	-8.510292	3.917001
483	1	0	8.951729	-9.277616	4.759076
484	6	0	10.020670	-6.159495	-1.064026
485	1	0	9.681221	-5.479194	-1.882506
486	1	0	11.138366	-6.186195	-1.063494
487	1	0	9.639316	-7.188369	-1.276312
488	6	0	9.245500	-1.783986	2.582271
489	1	0	9.668805	-0.839284	3.002152
490	1	0	8.132287	-1.749014	2.680288
491	1	0	9.630236	-2.643706	3.183677
492	6	0	9.749119	0.619822	-2.622350
493	1	0	9.295079	1.319694	-3.365336
494	1	0	10.852216	0.579103	-2.799500
495	1	0	9.322694	-0.399722	-2.788656
496	6	0	9.620934	4.969010	1.109696
497	1	0	8.535474	5.026143	1.371573
498	1	0	10.071887	4.096910	1.643554
499	1	0	10.121553	5.901623	1.466955
500	6	0	9.362292	7.389948	-4.097121
501	1	0	10.413248	7.295102	-4.466398
502	1	0	8.864126	6.392688	-4.176311
503	1	0	8.818646	8.111049	-4.754631
504	1	0	6.026814	2.001725	-1.188788
505	6	0	14.292585	5.498044	-1.014855
506	7	0	14.742375	4.117361	-1.256667
507	1	0	15.732034	3.959720	-1.457754
508	6	0	13.903221	3.065668	-1.153955
509	8	0	12.709093	3.160578	-0.829898
510	6	0	14.517726	1.694600	-1.520235
511	7	0	14.037297	0.693424	-0.556348
512	1	0	13.027803	0.633691	-0.384942
513	6	0	14.853334	6.394125	-2.141005
514	8	0	16.043079	6.305081	-2.487301



515	7	0	13.971968	7.271243	-2.665898
516	1	0	12.987249	7.225955	-2.381316
517	6	0	14.348820	8.225188	-3.721122
518	6	0	13.917809	9.647154	-3.291170
519	8	0	12.753863	9.878577	-2.922106
520	7	0	14.870284	10.594851	-3.376571
521	1	0	15.833710	10.349676	-3.614144
522	1	0	13.198698	5.496414	-1.039627
523	1	0	15.437652	8.164792	-3.829147
524	6	0	14.185729	-1.117937	1.072332
525	7	0	14.679530	-2.495046	0.910193
526	1	0	15.689700	-2.643549	0.860064
527	6	0	13.848974	-3.558697	0.947456
528	8	0	12.620465	-3.475445	1.102796
529	6	0	14.526336	-4.934487	0.735619
530	7	0	13.914702	-5.908448	1.652880
531	1	0	12.895860	-6.026020	1.628630
532	6	0	14.643296	-6.681732	2.481339
533	8	0	15.886257	-6.672800	2.530317
534	6	0	14.858079	-0.210627	0.016933
535	8	0	16.074073	-0.302487	-0.221256
536	1	0	13.102472	-1.137106	0.918423
537	1	0	15.590990	-4.873293	0.981442
538	6	0	14.594810	11.985246	-3.040107
539	1	0	13.700224	12.336864	-3.564543
540	1	0	14.427223	12.112128	-1.963076
541	1	0	15.454491	12.588189	-3.341949
542	6	0	13.817170	-7.573793	3.438206
543	1	0	12.812598	-7.726869	3.032139
544	1	0	15.431226	-8.943181	3.822696
545	6	0	13.765667	-10.046826	3.346079
546	6	0	14.578622	-11.325184	3.476329
547	1	0	15.610954	-11.139918	3.781920
548	1	0	14.086228	-11.977683	4.204686
549	1	0	14.568256	-11.841446	2.510278
550	8	0	12.555986	-10.082940	3.062149
551	7	0	14.451100	-8.894578	3.543205
552	6	0	13.700228	-6.842750	4.755383
553	1	0	14.705503	-6.647724	5.203658
554	1	0	13.187399	-5.863990	4.587128
555	1	0	13.096827	-7.437873	5.483206
556	6	0	14.386866	-5.299498	-0.723010
557	1	0	13.312164	-5.367564	-1.023917

558	1	0	14.883676	-4.516217	-1.346569
559	1	0	14.875876	-6.282161	-0.931240
560	6	0	14.470836	-0.523569	2.432170
561	1	0	15.569489	-0.471161	2.631011
562	1	0	14.049792	0.510802	2.476211
563	1	0	13.992673	-1.134827	3.235780
564	6	0	14.151100	1.393667	-2.954527
565	1	0	13.042069	1.350639	-3.089664
566	1	0	14.560758	2.196609	-3.615169
567	1	0	14.585617	0.415196	-3.273708
568	6	0	14.748463	6.072014	0.305497
569	1	0	15.863386	6.113195	0.367658
570	1	0	14.346025	7.109266	0.412222
571	1	0	14.366987	5.454648	1.154839
572	6	0	13.710486	7.934454	-5.058514
573	1	0	14.002417	6.920354	-5.424722
574	1	0	12.595096	7.981379	-4.990938
575	1	0	14.053101	8.694210	-5.802888
576	6	0	19.433254	-1.794478	1.370136
577	6	0	18.703214	-3.155120	1.293920
578	8	0	17.514738	-3.231049	0.955884
579	7	0	19.447252	-4.227904	1.649899
580	1	0	20.395671	-4.103733	1.988233
581	6	0	18.885275	-5.578404	1.794463
582	6	0	19.342123	-6.136112	3.163976
583	8	0	20.463616	-5.879650	3.614200
584	7	0	18.423231	-6.934430	3.765945
585	1	0	17.472880	-6.980583	3.383018
586	7	0	18.864221	-0.908898	0.352397
587	1	0	17.850498	-0.922049	0.210219
588	6	0	19.608256	0.047197	-0.256948
589	8	0	20.801981	0.268174	-0.026680
590	6	0	18.844670	0.844631	-1.342652
591	7	0	19.476953	2.166424	-1.445436
592	1	0	20.476604	2.183412	-1.266194
593	1	0	20.498285	-1.915923	1.133975
594	1	0	17.795281	-5.489537	1.764209
595	1	0	17.802279	0.984346	-1.041733
596	6	0	19.624544	4.606286	-1.482647
597	6	0	18.775668	3.316339	-1.553263
598	8	0	17.544020	3.358362	-1.676662
599	7	0	18.902485	5.673983	-2.179277
600	1	0	17.879333	5.643516	-2.197827

601	6	0	19.553030	6.751586	-2.677918
602	8	0	20.775423	6.926121	-2.601380
603	6	0	18.644688	7.781949	-3.394609
604	7	0	19.436893	9.005210	-3.545283
605	1	0	20.437708	8.879000	-3.423142
606	6	0	18.884743	10.217165	-3.767545
607	8	0	17.659294	10.388076	-3.885675
608	1	0	20.577776	4.454218	-2.006680
609	1	0	17.775509	7.996110	-2.762398
610	6	0	19.849965	11.388196	-3.862026
611	1	0	20.896239	11.098331	-3.726956
612	1	0	19.731477	11.861707	-4.841945
613	1	0	19.579736	12.128287	-3.102083
614	6	0	18.690568	-7.576775	5.055702
615	1	0	19.758969	-7.425931	5.254180
616	6	0	18.346709	-9.079341	4.938102
617	1	0	20.229752	-9.533853	5.571646
618	6	0	19.195531	-11.381097	5.302391
619	1	0	19.595665	-11.813820	6.225398
620	1	0	18.134120	-11.622524	5.222048
621	1	0	19.721739	-11.818307	4.444612
622	8	0	17.241072	-9.461875	4.537377
623	7	0	19.332076	-9.930095	5.327936
624	6	0	17.898836	-7.010636	6.210478
625	1	0	18.125181	-5.925336	6.348350
626	1	0	16.799508	-7.126446	6.040619
627	1	0	18.171814	-7.552846	7.148460
628	6	0	19.322270	-6.544382	0.720405
629	1	0	19.031112	-6.167124	-0.290212
630	1	0	20.428509	-6.700196	0.735445
631	1	0	18.818972	-7.528074	0.889845
632	6	0	19.325126	-1.281046	2.788110
633	1	0	19.853914	-0.300805	2.884610
634	1	0	18.258680	-1.139289	3.090475
635	1	0	19.801333	-2.009972	3.488344
636	6	0	18.865707	0.048063	-2.624916
637	1	0	18.363164	0.614334	-3.446803
638	1	0	19.909649	-0.187759	-2.944798
639	1	0	18.312227	-0.910343	-2.466459
640	6	0	19.940023	4.898701	-0.033320
641	1	0	19.009717	5.026538	0.571356
642	1	0	20.535108	4.058294	0.400246
643	1	0	20.545369	5.836209	0.043635

644	6	0	18.133611	7.199781	-4.689838
645	1	0	18.964729	6.809633	-5.324644
646	1	0	17.424448	6.364703	-4.460288
647	1	0	17.578869	7.979764	-5.268902
648	1	0	15.608432	1.735778	-1.441202

AP PI (Ac-AAAAAA-NHMe)<sub>10</sub>

1	6	0	-16.569690	-4.932412	-3.146016
2	7	0	-16.229452	-3.995189	-2.064071
3	1	0	-15.263022	-3.981804	-1.724438
4	6	0	-17.107157	-3.085870	-1.589731
5	8	0	-18.262799	-2.934928	-2.017837
6	6	0	-16.589292	-2.252211	-0.394125
7	7	0	-17.040569	-0.860022	-0.546644
8	1	0	-18.032112	-0.691594	-0.735889
9	6	0	-16.038535	-6.335156	-2.766539
10	8	0	-14.900713	-6.477112	-2.287449
11	7	0	-16.880234	-7.355131	-3.034057
12	1	0	-17.837943	-7.148764	-3.337909
13	6	0	-16.514276	-8.757594	-2.773922
14	6	0	-16.882161	-9.608000	-4.011805
15	8	0	-18.027499	-9.589392	-4.491403
16	7	0	-15.882620	-10.374476	-4.492854
17	1	0	-14.945308	-10.285841	-4.090177
18	1	0	-17.659901	-4.953469	-3.238107
19	1	0	-15.432967	-8.781385	-2.605787
20	6	0	-21.272195	2.264689	-0.030132
21	6	0	-21.926333	2.837972	1.250258
22	8	0	-23.055800	2.480722	1.602393
23	7	0	-21.173472	3.768663	1.885958
24	1	0	-20.191822	3.888744	1.622297
25	6	0	-21.650678	4.457835	3.086263
26	6	0	-20.983876	5.851848	3.139151
27	8	0	-19.868468	6.050296	2.637744
28	7	0	-21.691644	6.802689	3.785822
29	1	0	-22.555440	6.565876	4.265242
30	7	0	-21.796892	0.905887	-0.223439
31	1	0	-22.760514	0.765351	0.063744
32	6	0	-21.017712	-0.143632	-0.563213
33	8	0	-19.811886	-0.038257	-0.831093
34	6	0	-21.721331	-1.519881	-0.568110
35	7	0	-21.108629	-2.343132	-1.612657
36	1	0	-20.090061	-2.324956	-1.705570
37	1	0	-20.187566	2.197008	0.097947
38	1	0	-22.739792	4.559407	2.994181
39	1	0	-22.782419	-1.410634	-0.826106
40	6	0	-16.848805	1.580151	-0.572440
41	7	0	-16.368279	2.498651	0.470666

42	1	0	-15.359001	2.554845	0.637823
43	6	0	-17.192644	3.329720	1.144616
44	8	0	-18.413821	3.421714	0.939574
45	6	0	-16.508373	4.139074	2.272539
46	7	0	-17.037694	5.511763	2.286355
47	1	0	-18.052143	5.634549	2.332653
48	6	0	-16.231528	6.590854	2.376895
49	8	0	-14.991520	6.531046	2.419709
50	6	0	-16.217763	0.187193	-0.333884
51	8	0	-15.024359	0.077761	-0.005991
52	1	0	-17.938292	1.520360	-0.486748
53	1	0	-15.431785	4.204705	2.088763
54	6	0	-21.015967	-3.978599	-3.418427
55	6	0	-21.824389	-3.263271	-2.309676
56	8	0	-23.023590	-3.501546	-2.137069
57	7	0	-21.531952	-5.348330	-3.543861
58	1	0	-22.538616	-5.455455	-3.486863
59	6	0	-20.732290	-6.434818	-3.630289
60	8	0	-19.494422	-6.361561	-3.669254
61	6	0	-21.458526	-7.801173	-3.642109
62	7	0	-20.827746	-8.690053	-4.615631
63	1	0	-19.846067	-8.941366	-4.491739
64	6	0	-21.492743	-9.076931	-5.747088
65	8	0	-22.658975	-8.755432	-5.993255
66	1	0	-19.960448	-4.045915	-3.137894
67	1	0	-22.494705	-7.676624	-3.982052
68	6	0	-20.681748	-9.951403	-6.695050
69	1	0	-19.663271	-10.131017	-6.340565
70	1	0	-21.206036	-10.904798	-6.820123
71	1	0	-20.652395	-9.462849	-7.674566
72	6	0	-16.076928	-11.257330	-5.633256
73	1	0	-17.060524	-11.732169	-5.574119
74	1	0	-16.021183	-10.711361	-6.584562
75	1	0	-15.300068	-12.027325	-5.622467
76	6	0	-21.142362	8.126350	4.114032
77	1	0	-20.059923	8.092955	3.957626
78	6	0	-16.959851	7.958705	2.378639
79	1	0	-17.990502	7.832219	2.725360
80	1	0	-15.302050	9.079814	3.173967
81	6	0	-16.931409	9.427226	4.373427
82	6	0	-16.078066	10.317439	5.262583
83	1	0	-15.058364	10.432920	4.888680
84	1	0	-16.562421	11.296522	5.339325

85	1	0	-16.055241	9.881195	6.267312
86	8	0	-18.136164	9.236517	4.625812
87	7	0	-16.291923	8.866042	3.320793
88	6	0	-21.464688	8.399589	5.604303
89	1	0	-19.655694	9.337299	5.755389
90	6	0	-20.679831	9.546066	7.633096
91	1	0	-20.481560	10.617618	7.754095
92	1	0	-21.701654	9.329408	7.951641
93	1	0	-19.986655	8.987050	8.275756
94	8	0	-22.503181	7.961841	6.113561
95	7	0	-20.539601	9.158443	6.238383
96	6	0	-21.715236	9.251314	3.287161
97	1	0	-21.530664	9.074816	2.199496
98	1	0	-22.815790	9.357470	3.447363
99	1	0	-21.216392	10.207458	3.581045
100	6	0	-16.985642	8.468237	0.957201
101	1	0	-15.951270	8.605975	0.555911
102	1	0	-17.524001	7.730542	0.312796
103	1	0	-17.521063	9.446999	0.899308
104	6	0	-16.733068	3.389501	3.565874
105	1	0	-17.822984	3.287611	3.792937
106	1	0	-16.288336	2.367793	3.480326
107	1	0	-16.241202	3.919496	4.417489
108	6	0	-21.358053	3.741278	4.385143
109	1	0	-21.832930	2.729093	4.381158
110	1	0	-20.258779	3.616192	4.543447
111	1	0	-21.777964	4.324989	5.240375
112	6	0	-21.559133	3.204538	-1.176181
113	1	0	-21.131868	2.804145	-2.127911
114	1	0	-22.656813	3.356541	-1.317141
115	1	0	-21.083668	4.193740	-0.963664
116	6	0	-16.502552	2.009607	-1.978703
117	1	0	-15.395960	2.073544	-2.123683
118	1	0	-16.915726	1.264722	-2.702331
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121	1	0	-22.154246	-3.086717	0.867050
122	1	0	-20.573965	-2.240352	1.144209
123	1	0	-22.135019	-1.405965	1.548840
124	6	0	-17.078816	-2.916620	0.871912
125	1	0	-18.195598	-2.955161	0.905689
126	1	0	-16.683529	-3.961121	0.914627
127	1	0	-16.715165	-2.363159	1.771623

128	6	0	-21.127918	-3.161234	-4.683212
129	1	0	-22.193372	-3.031756	-4.993565
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131	1	0	-20.572790	-3.653427	-5.518709
132	6	0	-15.979836	-4.563926	-4.487077
133	1	0	-14.862822	-4.542517	-4.447811
134	1	0	-16.296344	-5.319703	-5.247166
135	1	0	-16.343858	-3.559264	-4.812942
136	6	0	-21.463304	-8.332251	-2.228404
137	1	0	-20.422727	-8.485837	-1.849573
138	1	0	-21.982274	-7.602263	-1.560322
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140	6	0	-17.211194	-9.357915	-1.576136
141	1	0	-16.973039	-8.781060	-0.649790
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143	1	0	-16.863046	-10.410785	-1.438648
144	6	0	-7.112382	-5.408542	-1.544360
145	7	0	-6.727167	-4.289210	-0.671627
146	1	0	-5.742171	-4.198829	-0.403494
147	6	0	-7.604104	-3.333945	-0.300940
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153	8	0	-5.427667	-6.815106	-0.498629
154	7	0	-7.486889	-7.734539	-0.906684
155	1	0	-8.454184	-7.551776	-1.193895
156	6	0	-7.147843	-9.075840	-0.405013
157	6	0	-7.508066	-10.116678	-1.490466
158	8	0	-8.651006	-10.173115	-1.977253
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163	1	0	-6.069502	-9.082482	-0.215311
164	6	0	-11.789426	2.237495	-0.246172
165	6	0	-12.411949	3.191237	0.800207
166	8	0	-13.620696	3.128830	1.079276
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169	6	0	-11.985789	5.113810	2.292375
170	6	0	-11.446598	6.486186	1.825352



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175	1	0	-13.287480	0.720391	0.062569
176	6	0	-11.443144	-0.185722	0.074217
177	8	0	-10.212660	-0.115819	-0.085500
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200	8	0	-13.586398	-3.494591	-1.015860
201	7	0	-12.143069	-5.804927	-1.840274
202	1	0	-13.154052	-5.931543	-1.954641
203	6	0	-11.356113	-6.885554	-1.658590
204	8	0	-10.114304	-6.844984	-1.618130
205	6	0	-12.112257	-8.218741	-1.447338
206	7	0	-11.446885	-9.278148	-2.218106
207	1	0	-10.448399	-9.441923	-2.066402
208	6	0	-12.119137	-10.077712	-3.078621
209	8	0	-13.343674	-9.985452	-3.282704
210	1	0	-10.531498	-4.494628	-1.734585
211	1	0	-13.135086	-8.135123	-1.828292
212	6	0	-11.278218	-11.108454	-3.814543
213	1	0	-10.235261	-11.110305	-3.490081

214	1	0	-11.722012	-12.096598	-3.654167
215	1	0	-11.330936	-10.893250	-4.887541
216	6	0	-6.698972	-11.993573	-2.835551
217	1	0	-5.855607	-12.687351	-2.781975
218	1	0	-7.628549	-12.538596	-2.643279
219	1	0	-6.754305	-11.578792	-3.850579
220	6	0	-11.983707	8.877881	1.525799
221	1	0	-10.899953	8.899050	1.371768
222	6	0	-7.446395	8.242898	0.587988
223	1	0	-8.487418	8.194654	0.923058
224	1	0	-5.830796	9.567475	1.119786
225	6	0	-7.566475	10.322483	1.918799
226	6	0	-6.780494	11.466920	2.538164
227	1	0	-5.716173	11.426472	2.295752
228	1	0	-7.207654	12.411649	2.185558
229	1	0	-6.914402	11.429354	3.624854
230	8	0	-8.801183	10.242912	2.059097
231	7	0	-6.836042	9.413189	1.233036
232	6	0	-12.375873	9.818285	2.688499
233	1	0	-10.450755	10.535229	2.735752
234	6	0	-11.617106	11.600989	4.184628
235	1	0	-10.812848	12.341479	4.162420
236	1	0	-12.578355	12.105311	4.046474
237	1	0	-11.626681	11.117406	5.170463
238	8	0	-13.526026	9.815890	3.161925
239	7	0	-11.396825	10.638226	3.115650
240	6	0	-12.669943	9.373080	0.275373
241	1	0	-12.409779	8.729695	-0.599874
242	1	0	-13.781381	9.375031	0.398804
243	1	0	-12.334460	10.417256	0.061392
244	6	0	-7.423472	8.293609	-0.921949
245	1	0	-6.376250	8.335495	-1.311075
246	1	0	-7.919178	7.377706	-1.327416
247	1	0	-7.976385	9.190160	-1.293855
248	6	0	-7.114252	4.228695	3.111558
249	1	0	-8.198805	4.182130	3.379047
250	1	0	-6.655130	3.228255	3.304650
251	1	0	-6.617602	4.980607	3.771815
252	6	0	-11.490085	4.878758	3.699623
253	1	0	-11.863463	3.900880	4.089783
254	1	0	-10.372822	4.875428	3.741181
255	1	0	-11.869620	5.694105	4.363056
256	6	0	-12.141540	2.765588	-1.616889

257	1	0	-11.703284	2.116100	-2.413127
258	1	0	-13.249147	2.809075	-1.763010
259	1	0	-11.725596	3.796616	-1.730650
260	6	0	-6.994068	1.464633	-1.917799
261	1	0	-5.892200	1.488546	-2.105134
262	1	0	-7.423322	0.565704	-2.424432
263	1	0	-7.451261	2.378473	-2.369274
264	6	0	-11.919119	-1.783865	1.894059
265	1	0	-12.408993	-2.740169	2.199801
266	1	0	-10.832295	-1.843441	2.149528
267	1	0	-12.377888	-0.947745	2.476579
268	6	0	-7.491101	-2.644239	2.067105
269	1	0	-8.606530	-2.662387	2.142341
270	1	0	-7.099403	-3.659727	2.320604
271	1	0	-7.096289	-1.914395	2.814999
272	6	0	-11.693680	-3.930951	-3.430196
273	1	0	-12.760069	-3.864177	-3.759521
274	1	0	-11.240052	-2.910815	-3.479191
275	1	0	-11.144430	-4.598075	-4.138163
276	6	0	-6.556118	-5.314475	-2.945511
277	1	0	-5.438167	-5.314110	-2.939161
278	1	0	-6.909204	-6.192594	-3.539866
279	1	0	-6.909606	-4.381041	-3.447112
280	6	0	-12.165479	-8.483812	0.039007
281	1	0	-11.138708	-8.571309	0.472660
282	1	0	-12.695698	-7.639244	0.543534
283	1	0	-12.721898	-9.429049	0.250476
284	6	0	-7.876997	-9.452705	0.861988
285	1	0	-7.640598	-8.733601	1.683363
286	1	0	-8.983939	-9.461261	0.702693
287	1	0	-7.556028	-10.474554	1.180377
288	1	0	-15.495212	-2.245421	-0.384438
289	6	0	2.389827	-5.611413	-0.347495
290	7	0	2.806468	-4.338334	0.259796
291	1	0	3.799497	-4.201487	0.472338
292	6	0	1.944269	-3.318323	0.448483
293	8	0	0.746848	-3.349190	0.120871
294	6	0	2.539061	-2.082019	1.162090
295	7	0	2.063798	-0.870712	0.477082
296	1	0	1.054647	-0.757855	0.333849
297	6	0	2.934645	-6.772038	0.515997
298	8	0	4.114683	-6.778141	0.905523
299	7	0	2.047943	-7.757831	0.764034

300	1	0	1.069130	-7.634929	0.483882
301	6	0	2.409374	-8.965117	1.523968
302	6	0	2.001612	-10.209795	0.702140
303	8	0	0.839699	-10.357121	0.284733
304	7	0	2.984474	-11.109580	0.502926
305	1	0	3.936868	-10.892428	0.810526
306	1	0	1.295562	-5.627704	-0.356307
307	1	0	3.495100	-8.942456	1.663349
308	6	0	-2.256004	2.143400	-0.502078
309	6	0	-2.856626	3.305910	0.321720
310	8	0	-4.051672	3.296500	0.660119
311	7	0	-2.002145	4.314236	0.589386
312	1	0	-1.009833	4.205883	0.357404
313	6	0	-2.423409	5.530748	1.300594
314	6	0	-1.896614	6.759570	0.524414
315	8	0	-0.719673	6.807509	0.129439
316	7	0	-2.795247	7.751702	0.355336
317	1	0	-3.770924	7.597477	0.630475
318	7	0	-2.722123	0.869616	0.065612
319	1	0	-3.730222	0.733253	0.195471
320	6	0	-1.881486	-0.153138	0.318531
321	8	0	-0.660254	-0.124014	0.088985
322	6	0	-2.534502	-1.390149	0.977125
323	7	0	-2.012712	-2.601581	0.326549
324	1	0	-0.997101	-2.712700	0.249316
325	1	0	-1.164227	2.155997	-0.431470
326	1	0	-3.517627	5.536207	1.322288
327	1	0	-3.617556	-1.372763	0.822166
328	6	0	2.229636	1.282924	-0.662489
329	7	0	2.740978	2.563218	-0.150066
330	1	0	3.755618	2.694358	-0.093323
331	6	0	1.924937	3.601802	0.125047
332	8	0	0.692935	3.578240	-0.029962
333	6	0	2.627332	4.847904	0.714057
334	7	0	2.064404	6.054732	0.089331
335	1	0	1.047608	6.182475	0.108480
336	6	0	2.843609	7.036372	-0.410243
337	8	0	4.086167	7.020465	-0.384769
338	6	0	2.895496	0.128057	0.120454
339	8	0	4.117213	0.133615	0.349775
340	1	0	1.147469	1.271912	-0.501554
341	1	0	3.695904	4.824434	0.479477
342	6	0	-2.102003	-4.764918	-0.805993

343	6	0	-2.818791	-3.607943	-0.070782
344	8	0	-4.050656	-3.616365	0.086363
345	7	0	-2.650751	-6.046531	-0.337376
346	1	0	-3.665951	-6.183888	-0.375461
347	6	0	-1.857854	-7.073960	0.031290
348	8	0	-0.615577	-7.039219	0.005956
349	6	0	-2.606595	-8.322678	0.554228
350	7	0	-1.980348	-9.530107	-0.001586
351	1	0	-0.974400	-9.664492	0.128163
352	6	0	-2.696644	-10.492906	-0.627088
353	8	0	-3.930778	-10.436778	-0.780724
354	1	0	-1.034332	-4.758051	-0.566795
355	1	0	-3.645873	-8.309400	0.210469
356	6	0	-1.893917	-11.669083	-1.159717
357	1	0	-0.832326	-11.601325	-0.911343
358	1	0	-2.315467	-12.591846	-0.747328
359	1	0	-2.017495	-11.706919	-2.247621
360	6	0	2.751811	-12.344882	-0.230709
361	1	0	1.809110	-12.800744	0.087152
362	1	0	2.694863	-12.169122	-1.313045
363	1	0	3.574760	-13.035551	-0.027406
364	6	0	-2.449978	9.014529	-0.316767
365	1	0	-1.364635	9.013391	-0.460748
366	6	0	2.076385	8.198015	-1.085272
367	1	0	1.039246	8.216143	-0.735742
368	1	0	3.693793	9.601632	-0.841257
369	6	0	1.961300	10.505598	-0.204822
370	6	0	2.751838	11.748550	0.171255
371	1	0	3.812443	11.663875	-0.076263
372	1	0	2.314386	12.608283	-0.346935
373	1	0	2.636710	11.918138	1.247553
374	8	0	0.726886	10.459242	-0.049226
375	7	0	2.689110	9.474732	-0.694256
376	6	0	-2.867089	10.192799	0.593228
377	1	0	-0.938919	10.900578	0.527794
378	6	0	-2.134036	12.262496	1.674795
379	1	0	-2.201699	12.007087	2.740466
380	1	0	-1.309495	12.966138	1.531406
381	1	0	-3.073767	12.741333	1.382471
382	8	0	-4.029429	10.298892	1.022599
383	7	0	-1.892185	11.084953	0.854394
384	6	0	-3.127103	9.196496	-1.653843
385	1	0	-2.848327	8.372029	-2.353973

386	1	0	-4.239917	9.210246	-1.543636
387	1	0	-2.802416	10.167749	-2.100869
388	6	0	2.082738	7.944335	-2.574725
389	1	0	3.125509	7.907263	-2.976023
390	1	0	1.584888	6.965516	-2.782220
391	1	0	1.523565	8.747755	-3.112924
392	6	0	2.458643	4.801890	2.214720
393	1	0	1.378344	4.815910	2.502482
394	1	0	2.920988	3.863385	2.607609
395	1	0	2.965034	5.674782	2.693896
396	6	0	-1.907050	5.623270	2.716975
397	1	0	-2.271371	4.760046	3.325254
398	1	0	-0.789295	5.629985	2.741680
399	1	0	-2.279977	6.568400	3.182404
400	6	0	-2.650757	2.351854	-1.945410
401	1	0	-2.228275	1.542471	-2.589102
402	1	0	-3.762258	2.358051	-2.065723
403	1	0	-2.247742	3.332752	-2.298055
404	6	0	2.502193	1.057186	-2.131440
405	1	0	3.599663	1.046939	-2.344130
406	1	0	2.069570	0.073435	-2.438120
407	1	0	2.028279	1.860327	-2.746534
408	6	0	-2.255618	-1.321891	2.460369
409	1	0	-2.721436	-2.189665	2.987575
410	1	0	-1.157052	-1.327472	2.667793
411	1	0	-2.692505	-0.379645	2.872994
412	6	0	2.143621	-2.157026	2.618109
413	1	0	1.031938	-2.155743	2.737509
414	1	0	2.549418	-3.099644	3.060480
415	1	0	2.562756	-1.289935	3.184148
416	6	0	-2.266568	-4.535127	-2.290194
417	1	0	-3.345751	-4.520010	-2.581719
418	1	0	-1.809122	-3.552475	-2.562401
419	1	0	-1.752948	-5.338956	-2.871602
420	6	0	2.890977	-5.811888	-1.758267
421	1	0	4.008355	-5.812842	-1.795732
422	1	0	2.520185	-6.793333	-2.143340
423	1	0	2.513090	-5.001928	-2.428390
424	6	0	-2.591790	-8.264362	2.063914
425	1	0	-1.546382	-8.269412	2.460156
426	1	0	-3.096853	-7.325704	2.399795
427	1	0	-3.139750	-9.136330	2.496602
428	6	0	1.738139	-9.057043	2.873134

429	1	0	2.011738	-8.182257	3.511526
430	1	0	0.625113	-9.088171	2.768374
431	1	0	2.072819	-9.991050	3.387129
432	6	0	7.271656	1.991129	-1.008353
433	6	0	6.681670	3.295780	-0.424100
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435	7	0	7.536598	4.338120	-0.381969
436	1	0	8.523978	4.186161	-0.609154
437	6	0	7.122307	5.672750	0.077163
438	6	0	7.628478	6.721007	-0.940028
439	8	0	8.797680	6.687804	-1.359659
440	7	0	6.723174	7.658684	-1.286441
441	1	0	5.753606	7.563372	-0.966236
442	7	0	6.823981	0.859446	-0.183112
443	1	0	5.819457	0.755380	-0.003976
444	6	0	7.673827	-0.088507	0.258780
445	8	0	8.890382	-0.108809	0.003509
446	6	0	7.037530	-1.161728	1.172147
447	7	0	7.542321	-2.483423	0.769664
448	1	0	8.555620	-2.612483	0.693286
449	1	0	8.364557	2.018591	-0.966088
450	1	0	6.028614	5.680877	0.117666
451	1	0	5.950886	-1.170467	1.044160
452	6	0	7.426528	-4.832392	0.106869
453	6	0	6.727477	-3.546425	0.607586
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455	7	0	6.884042	-5.989962	0.834089
456	1	0	5.867984	-6.126690	0.843731
457	6	0	7.680453	-6.923997	1.392947
458	8	0	8.922514	-6.900501	1.342354
459	6	0	6.937345	-8.035704	2.170797
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465	1	0	5.896193	-8.094220	1.838128
466	6	0	7.644372	-11.668698	1.198632
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472	6	0	6.650763	10.099211	-1.525850
473	1	0	8.572500	10.779192	-1.778759
474	6	0	7.400952	12.337184	-0.881131
475	1	0	8.242969	12.986006	-1.136713
476	1	0	6.476306	12.774528	-1.271383
477	1	0	7.313076	12.281756	0.211681
478	8	0	5.499565	10.287896	-1.095323
479	7	0	7.628086	11.024354	-1.467228
480	6	0	6.342766	8.685788	-3.530426
481	1	0	6.606316	7.739804	-4.062673
482	1	0	5.232742	8.724500	-3.399907
483	1	0	6.656101	9.550270	-4.165335
484	6	0	7.663128	6.049649	1.436094
485	1	0	7.313960	5.326341	2.212500
486	1	0	8.781084	6.062792	1.438519
487	1	0	7.293720	7.068718	1.708217
488	6	0	6.844500	1.901447	-2.454663
489	1	0	7.257027	0.978375	-2.929713
490	1	0	5.730620	1.882366	-2.548843
491	1	0	7.234629	2.790457	-3.008198
492	6	0	7.354567	-0.793475	2.602620
493	1	0	6.902688	-1.532823	3.307691
494	1	0	8.458120	-0.762008	2.778885
495	1	0	6.928242	0.215393	2.824928
496	6	0	7.232409	-4.905000	-1.389702
497	1	0	6.147571	-4.946004	-1.657016
498	1	0	7.683063	-3.998391	-1.862892
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504	1	0	3.630938	-2.093917	1.092542
505	6	0	11.925443	-5.581639	0.644608
506	7	0	12.360675	-4.211408	0.955842
507	1	0	13.358057	-4.039921	1.112212
508	6	0	11.504882	-3.167951	0.948728
509	8	0	10.299635	-3.259757	0.666555
510	6	0	12.121022	-1.813855	1.371888
511	7	0	11.631033	-0.767988	0.461991
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513	6	0	12.473298	-6.530645	1.734290
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515	7	0	11.582973	-7.421955	2.213539
516	1	0	10.601423	-7.359437	1.921389
517	6	0	11.947112	-8.429720	3.222194
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521	1	0	13.483344	-10.461032	2.994041
522	1	0	10.831117	-5.587718	0.653466
523	1	0	13.031778	-8.369468	3.357363
524	6	0	11.766248	1.103993	-1.098270
525	7	0	12.277026	2.462811	-0.860722
526	1	0	13.291296	2.604130	-0.848660
527	6	0	11.457952	3.533092	-0.786958
528	8	0	10.223789	3.474083	-0.909421
529	6	0	12.161292	4.876804	-0.480577
530	7	0	11.573644	5.928624	-1.324405
531	1	0	10.557847	6.064117	-1.296166
532	6	0	12.330354	6.771839	-2.056258
533	8	0	13.573250	6.747090	-2.081947
534	6	0	12.455043	0.129979	-0.114633
535	8	0	13.683061	0.173644	0.074306
536	1	0	10.687284	1.122079	-0.916941
537	1	0	13.224542	4.811570	-0.730967
538	6	0	12.321590	-12.119697	2.291255
539	1	0	11.363474	-12.486932	2.671166
540	1	0	12.305878	-12.201867	1.196488
541	1	0	13.129531	-12.744861	2.681184
542	6	0	11.536597	7.772103	-2.929746
543	1	0	10.510896	7.862569	-2.558718
544	1	0	13.149060	9.196739	-3.044985
545	6	0	11.438029	10.210380	-2.527855
546	6	0	12.232221	11.504398	-2.450006
547	1	0	13.282332	11.371286	-2.719904
548	1	0	11.766321	12.238274	-3.115889
549	1	0	12.160202	11.893157	-1.428232
550	8	0	10.212187	10.195937	-2.311805
551	7	0	12.154085	9.101308	-2.827685
552	6	0	11.499387	7.219528	-4.335500
553	1	0	12.529798	7.101250	-4.752755
554	1	0	11.001627	6.218993	-4.323446
555	1	0	10.919144	7.896115	-5.008841
556	6	0	12.026294	5.137733	1.001207
557	1	0	10.952469	5.206486	1.305093

558	1	0	12.504752	4.300876	1.566606
559	1	0	12.535726	6.091952	1.280406
560	6	0	12.013307	0.592196	-2.498245
561	1	0	13.106691	0.544962	-2.726471
562	1	0	11.583526	-0.434901	-2.594863
563	1	0	11.521103	1.254821	-3.251014
564	6	0	11.764181	-1.580538	2.821202
565	1	0	10.656031	-1.544978	2.965759
566	1	0	12.178629	-2.413549	3.440186
567	1	0	12.200655	-0.618018	3.183128
568	6	0	12.404649	-6.089052	-0.694724
569	1	0	13.521313	-6.111679	-0.744392
570	1	0	12.019404	-7.126143	-0.853262
571	1	0	12.024752	-5.439242	-1.520171
572	6	0	11.269645	-8.224635	4.555651
573	1	0	11.533553	-7.227760	4.984863
574	1	0	10.157397	-8.287064	4.456558
575	1	0	11.608036	-9.018518	5.265490
576	6	0	21.376624	-5.400880	1.653661
577	7	0	21.936259	-4.065638	1.400317
578	1	0	22.904540	-3.933074	1.673106
579	6	0	21.175907	-3.003121	1.047364
580	8	0	19.965487	-3.081924	0.800291
581	6	0	21.921545	-1.649276	1.000991
582	7	0	21.274551	-0.801758	-0.002317
583	1	0	20.253176	-0.820306	-0.066788
584	6	0	21.913186	-5.887266	3.021824
585	8	0	23.056492	-5.604400	3.394660
586	7	0	21.034714	-6.657711	3.713645
587	1	0	20.064490	-6.725580	3.388284
588	6	0	21.376063	-7.230026	5.018703
589	6	0	21.024157	-8.735290	5.003743
590	8	0	19.899450	-9.135279	4.680940
591	7	0	22.026558	-9.566536	5.392450
592	1	0	22.936101	-9.160846	5.566841
593	1	0	20.287310	-5.304433	1.685190
594	1	0	22.960856	-1.795684	0.679456
595	1	0	22.454398	-7.073939	5.146767
596	6	0	16.813445	1.722523	-1.705177
597	6	0	16.214890	3.111120	-1.381460
598	8	0	15.043022	3.223458	-0.988922
599	7	0	17.040511	4.155670	-1.600336
600	1	0	18.015612	3.987148	-1.856187

601	6	0	16.598551	5.548635	-1.423038
602	6	0	17.085194	6.367012	-2.639310
603	8	0	18.252974	6.257496	-3.048540
604	7	0	16.167861	7.202017	-3.171090
605	1	0	15.201983	7.173404	-2.825933
606	7	0	16.391809	0.773907	-0.664128
607	1	0	15.394063	0.723500	-0.431982
608	6	0	17.245077	-0.104918	-0.098877
609	8	0	18.444863	-0.211247	-0.403503
610	6	0	16.636104	-0.961738	1.034238
611	7	0	17.126427	-2.343847	0.908460
612	1	0	18.132384	-2.492554	0.805007
613	1	0	17.906621	1.769948	-1.689340
614	1	0	15.505223	5.543677	-1.380622
615	1	0	15.546056	-0.990301	0.941725
616	6	0	21.122294	0.874636	-1.765924
617	7	0	21.752018	2.182404	-1.989845
618	1	0	22.762805	2.200806	-1.891704
619	6	0	21.048063	3.327578	-2.125222
620	8	0	19.810699	3.369553	-2.161243
621	6	0	21.901238	4.614328	-2.205922
622	7	0	21.128577	5.635681	-2.917539
623	1	0	20.107188	5.610446	-2.853669
624	6	0	21.738091	6.666269	-3.549536
625	8	0	22.962891	6.836116	-3.588176
626	6	0	21.969304	0.123000	-0.710443
627	8	0	23.177818	0.347777	-0.585323
628	1	0	20.110765	1.040346	-1.384114
629	1	0	22.812160	4.422075	-2.788700
630	6	0	16.973405	-4.787778	0.835213
631	6	0	16.302612	-3.406371	1.029120
632	8	0	15.083477	-3.318862	1.244664
633	7	0	16.412821	-5.727612	1.817937
634	1	0	15.394398	-5.847284	1.850964
635	6	0	17.185936	-6.470533	2.633922
636	8	0	18.429620	-6.459435	2.616452
637	6	0	16.413086	-7.327039	3.664992
638	7	0	17.061453	-8.638283	3.795086
639	1	0	18.053543	-8.669012	4.031363
640	6	0	16.377303	-9.801939	3.676228
641	8	0	15.156650	-9.857752	3.447892
642	1	0	18.048830	-4.715004	1.024327
643	1	0	15.391996	-7.502768	3.313038

644	6	0	17.205768	-11.068427	3.823927
645	1	0	18.250145	-10.863526	4.070657
646	1	0	16.754338	-11.690122	4.603975
647	1	0	17.152905	-11.628018	2.883782
648	6	0	21.886529	-11.015944	5.457982
649	1	0	22.334643	-11.396593	6.381865
650	1	0	20.821953	-11.256688	5.448167
651	1	0	22.365501	-11.504377	4.600138
652	6	0	16.473983	8.079497	-4.312034
653	1	0	17.553926	8.010506	-4.484987
654	6	0	20.775021	7.646027	-4.265911
655	1	0	19.958969	7.911529	-3.584416
656	1	0	22.559750	8.726763	-4.521916
657	6	0	20.984442	10.046139	-4.835190
658	6	0	21.939658	11.200777	-5.092626
659	1	0	22.993204	10.911593	-5.034733
660	1	0	21.733078	11.611467	-6.086102
661	1	0	21.742056	11.990355	-4.360524
662	8	0	19.753582	10.216309	-4.865163
663	7	0	21.552321	8.850073	-4.570332
664	6	0	16.066785	9.528511	-3.955330
665	1	0	17.953407	10.205511	-4.456111
666	6	0	16.749866	11.877270	-3.909176
667	1	0	17.598354	12.455540	-4.282359
668	1	0	15.835804	12.201252	-4.418028
669	1	0	16.626076	12.070871	-2.836320
670	8	0	14.928829	9.786241	-3.527152
671	7	0	17.008175	10.467102	-4.168161
672	6	0	15.752978	7.697014	-5.582634
673	1	0	16.023005	6.658907	-5.894315
674	1	0	14.644018	7.751567	-5.448343
675	1	0	16.046550	8.401630	-6.398761
676	6	0	20.162876	6.971557	-5.469356
677	1	0	20.941143	6.530707	-6.137132
678	1	0	19.474797	6.159722	-5.122351
679	1	0	19.563381	7.709025	-6.059399
680	6	0	22.324594	5.002834	-0.807669
681	1	0	21.442282	5.177035	-0.145371
682	1	0	22.949562	4.190097	-0.363495
683	1	0	22.934858	5.939693	-0.839932
684	6	0	17.131228	6.210341	-0.174571
685	1	0	16.806302	5.650429	0.735908
686	1	0	18.247590	6.257645	-0.184189

687	1	0	16.729926	7.251668	-0.112653
688	6	0	16.370561	1.343847	-3.099134
689	1	0	16.790018	0.349387	-3.387585
690	1	0	15.256028	1.293582	-3.171618
691	1	0	16.741708	2.109439	-3.823780
692	6	0	21.025582	0.014837	-3.003293
693	1	0	22.035814	-0.253466	-3.397121
694	1	0	20.475709	-0.925258	-2.750475
695	1	0	20.462117	0.547652	-3.807894
696	6	0	16.993322	-0.303637	2.346678
697	1	0	16.565057	-0.878516	3.203517
698	1	0	18.100938	-0.237635	2.480609
699	1	0	16.568586	0.730006	2.366208
700	6	0	21.942685	-1.073394	2.398701
701	1	0	20.908380	-0.907860	2.787787
702	1	0	22.474978	-1.775409	3.085948
703	1	0	22.483838	-0.095104	2.404149
704	6	0	16.762642	-5.207319	-0.600052
705	1	0	15.674553	-5.287194	-0.844555
706	1	0	17.226143	-4.447735	-1.276353
707	1	0	17.243092	-6.196834	-0.795361
708	6	0	21.741050	-6.427857	0.609560
709	1	0	22.845046	-6.593867	0.566293
710	1	0	21.242114	-7.395766	0.862395
711	1	0	21.391773	-6.102891	-0.400817
712	6	0	16.351793	-6.542275	4.954777
713	1	0	17.375256	-6.323146	5.347328
714	1	0	15.824204	-5.574345	4.770270
715	1	0	15.787309	-7.109969	5.733935
716	6	0	20.653753	-6.598163	6.184967
717	1	0	20.891032	-5.508451	6.251009
718	1	0	19.546101	-6.715982	6.084831
719	1	0	20.978579	-7.091028	7.133583
720	1	0	13.210717	-1.848089	1.278807

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1	6	0	-13.381796	0.447726	0.297275
2	6	0	-12.101983	1.139670	-0.157116
3	8	0	-12.119843	2.197091	-0.788661
4	1	0	-10.935230	-0.326962	0.761931
5	7	0	-10.941293	0.494624	0.168501
6	6	0	-9.623076	1.037683	-0.164050
7	6	0	-8.620815	-0.131915	-0.006733
8	8	0	-8.881757	-1.097203	0.729266
9	6	0	-9.212295	2.251675	0.668991
10	6	0	-8.917187	1.891944	2.108536
11	6	0	-8.040792	2.987078	0.050690
12	1	0	-14.006699	0.260795	-0.581595
13	1	0	-13.207572	-0.496987	0.822408
14	1	0	-13.932627	1.128891	0.953811
15	1	0	-9.647031	1.359086	-1.215136
16	1	0	-10.095727	2.960519	0.653989
17	1	0	-8.612815	2.804809	2.675335
18	1	0	-9.819801	1.454413	2.598794
19	1	0	-8.088928	1.144350	2.169502
20	1	0	-7.973834	4.011733	0.492420
21	1	0	-7.070920	2.469535	0.250368
22	1	0	-8.171492	3.093036	-1.053513
23	1	0	-7.286577	0.848667	-1.219666
24	7	0	-7.492136	-0.029854	-0.742688
25	6	0	-6.310476	-0.873048	-0.577703
26	6	0	-5.095810	0.076866	-0.675830
27	8	0	-5.204939	1.186602	-1.212033
28	6	0	-6.211492	-1.972396	-1.664698
29	6	0	-7.297048	-3.063309	-1.557451
30	6	0	-7.015799	-4.026132	-0.397934
31	8	0	-6.188701	-4.931696	-0.502746
32	7	0	-7.736789	-3.797142	0.741412
33	1	0	-7.505745	-4.356664	1.552001
34	1	0	-8.263858	-2.932482	0.855196
35	1	0	-6.346594	-1.335756	0.414442
36	1	0	-6.279018	-1.482705	-2.644165
37	1	0	-5.226938	-2.451107	-1.608240
38	1	0	-8.289461	-2.609522	-1.471659
39	1	0	-7.274019	-3.667324	-2.469890
40	1	0	-3.889917	-1.294357	0.324511
41	7	0	-3.938585	-0.409537	-0.176730

42	6	0	-2.669331	0.326341	-0.215367
43	6	0	-1.585753	-0.720551	0.171821
44	8	0	-1.893325	-1.760114	0.763734
45	6	0	-2.633660	1.557111	0.688345
46	6	0	-1.457593	2.463085	0.341381
47	6	0	-2.616407	1.182699	2.154929
48	6	0	-1.737086	3.900728	0.703525
49	1	0	-2.500978	0.665830	-1.247897
50	1	0	-3.582028	2.139705	0.480469
51	1	0	-0.538027	2.119337	0.884749
52	1	0	-1.241826	2.406006	-0.759143
53	1	0	-2.570840	2.103752	2.785095
54	1	0	-3.537609	0.613625	2.427175
55	1	0	-1.728931	0.546447	2.392571
56	1	0	-0.849160	4.534301	0.463067
57	1	0	-2.614010	4.290235	0.131655
58	1	0	-1.956545	4.000725	1.793995
59	1	0	-0.095079	0.433954	-0.712196
60	7	0	-0.320764	-0.411862	-0.193118
61	6	0	0.834424	-1.262189	0.116343
62	6	0	2.077416	-0.353378	-0.092102
63	8	0	2.006033	0.678861	-0.769420
64	6	0	0.902242	-2.541651	-0.713552
65	6	0	1.220637	-2.270489	-2.167835
66	6	0	1.884139	-3.537875	-0.130404
67	1	0	0.770781	-1.557460	1.173672
68	1	0	-0.125728	-3.014366	-0.657206
69	1	0	1.287079	-3.233902	-2.728912
70	1	0	0.425400	-1.642205	-2.635996
71	1	0	2.195828	-1.734019	-2.267247
72	1	0	1.652120	-4.557810	-0.524995
73	1	0	2.936536	-3.297345	-0.416913
74	1	0	1.810500	-3.572127	0.983431
75	1	0	3.262914	-1.659565	1.007493
76	7	0	3.203456	-0.754957	0.541469
77	6	0	4.500011	-0.103129	0.338109
78	6	0	5.567404	-1.126247	0.811022
79	8	0	5.238535	-2.237606	1.236222
80	6	0	4.656699	1.234992	1.051348
81	6	0	5.354358	2.234874	0.195262
82	6	0	4.705634	2.730796	-0.943526
83	6	0	6.625998	2.714495	0.531830
84	6	0	5.315992	3.691841	-1.742567

85	6	0	7.251205	3.676713	-0.254954
86	6	0	6.590259	4.163831	-1.394135
87	8	0	7.258456	5.111728	-2.134689
88	1	0	6.685025	5.374577	-2.869191
89	1	0	4.638439	0.065904	-0.741802
90	1	0	3.640003	1.649104	1.305528
91	1	0	5.200577	1.101065	2.023781
92	1	0	3.700250	2.352278	-1.200947
93	1	0	7.148288	2.331716	1.426566
94	1	0	4.804292	4.080105	-2.634154
95	1	0	8.249264	4.058813	0.001527
96	1	0	7.054112	0.265361	0.489989
97	7	0	6.853965	-0.712648	0.690050
98	6	0	7.975785	-1.486769	1.224287
99	6	0	8.818084	-0.540013	2.124718
100	8	0	8.747781	0.684249	2.008951
101	6	0	8.860725	-2.124207	0.170528
102	6	0	9.510643	-1.122212	-0.760128
103	6	0	10.527603	-1.797672	-1.654917
104	6	0	11.173497	-0.770209	-2.583753
105	7	0	12.197196	-1.333829	-3.431062
106	1	0	11.849005	-2.118550	-3.944547
107	1	0	12.535642	-0.644509	-4.072008
108	1	0	9.598737	-2.185565	3.053833
109	7	0	9.619901	-1.174384	3.023524
110	6	0	10.538205	-0.467574	3.908528
111	1	0	7.537987	-2.291412	1.830263
112	1	0	9.654494	-2.721330	0.694804
113	1	0	8.248978	-2.848006	-0.432902
114	1	0	8.726427	-0.625760	-1.390664
115	1	0	10.009161	-0.315228	-0.158668
116	1	0	11.316033	-2.292851	-1.029704
117	1	0	10.025813	-2.599359	-2.257650
118	1	0	10.349115	-0.268379	-3.174520
119	1	0	11.660754	0.029920	-1.955629
120	1	0	11.578563	-0.745786	3.701242
121	1	0	10.413490	0.602127	3.731346
122	1	0	10.312011	-0.684626	4.959008



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1	8	0	-7.698729	-5.108621	-1.202614
2	6	0	-8.648311	-4.391517	-0.852743
3	7	0	-8.802845	-3.112710	-1.296011
4	6	0	-9.728774	-4.893324	0.090920
5	6	0	-7.819089	-2.530345	-2.224823
6	1	0	-9.505849	-2.500686	-0.878409
7	1	0	-10.271215	-5.705433	-0.405237
8	1	0	-9.250836	-5.313572	0.981166
9	1	0	-10.433930	-4.108590	0.379334
10	6	0	-6.639491	-1.966048	-1.388966
11	6	0	-8.381872	-1.436609	-3.118252
12	1	0	-7.450861	-3.356542	-2.847447
13	7	0	-5.734606	-2.903165	-1.013509
14	8	0	-6.571713	-0.771523	-1.054114
15	6	0	-7.354869	-1.071752	-4.174406
16	6	0	-9.681431	-1.853363	-3.775277
17	1	0	-8.575656	-0.521997	-2.483282
18	1	0	-5.958484	-3.876311	-1.223531
19	6	0	-4.625637	-2.605548	-0.103984
20	1	0	-7.742702	-0.237717	-4.807361
21	1	0	-6.402458	-0.736720	-3.692642
22	1	0	-7.137816	-1.945392	-4.834725
23	1	0	-9.959685	-1.115214	-4.566511
24	1	0	-9.580860	-2.859124	-4.249148
25	1	0	-10.510649	-1.890074	-3.027823
26	6	0	-3.344886	-2.396166	-0.948284
27	6	0	-4.464836	-3.701822	0.954928
28	1	0	-4.876765	-1.655109	0.378679
29	8	0	-2.624319	-3.331806	-1.316317
30	7	0	-3.119707	-1.099582	-1.277098
31	6	0	-3.500298	-3.275182	2.074704
32	1	0	-5.453402	-3.910387	1.382123
33	1	0	-4.102715	-4.625759	0.494320
34	1	0	-3.696395	-0.354254	-0.887417
35	6	0	-2.042380	-0.712790	-2.198193
36	6	0	-3.461427	-4.297267	3.213193
37	1	0	-2.479022	-3.204356	1.674012
38	1	0	-3.770149	-2.287002	2.466837
39	6	0	-0.736156	-0.550264	-1.371625
40	6	0	-2.322497	0.578018	-2.957171
41	1	0	-1.916416	-1.534955	-2.915483

42	8	0	-3.358717	-5.506198	3.009294
43	7	0	-3.526586	-3.759015	4.469714
44	8	0	-0.464309	0.492968	-0.758517
45	7	0	0.042751	-1.661177	-1.350637
46	6	0	-3.695997	0.565564	-3.615656
47	6	0	-1.228787	0.784317	-3.987463
48	1	0	-2.295474	1.434785	-2.219841
49	1	0	-3.526674	-4.404319	5.248001
50	1	0	-3.704665	-2.772932	4.632997
51	1	0	-0.356335	-2.515611	-1.728116
52	6	0	1.249947	-1.764245	-0.511047
53	6	0	-3.955271	1.822526	-4.408137
54	1	0	-3.782071	-0.330106	-4.285111
55	1	0	-4.492836	0.476564	-2.827505
56	1	0	-1.292386	1.813121	-4.421651
57	1	0	-0.220125	0.679072	-3.515121
58	1	0	-1.319286	0.040781	-4.815033
59	6	0	2.506316	-1.613536	-1.418376
60	6	0	1.353041	-3.086911	0.238014
61	1	0	1.202998	-0.936150	0.207057
62	1	0	-5.025087	1.857628	-4.727658
63	1	0	-3.739622	2.728797	-3.789141
64	1	0	-3.315721	1.860424	-5.322855
65	8	0	2.863950	-2.506010	-2.190425
66	7	0	3.143362	-0.416980	-1.292554
67	6	0	2.513472	-3.025600	1.213146
68	6	0	0.076233	-3.422478	0.980516
69	1	0	1.560025	-3.904449	-0.512984
70	1	0	2.830592	0.270321	-0.607882
71	6	0	4.361908	-0.126625	-2.045075
72	1	0	2.633635	-4.013561	1.721048
73	1	0	3.466581	-2.784624	0.680813
74	1	0	2.332611	-2.246740	1.993244
75	1	0	0.242009	-4.309732	1.639220
76	1	0	-0.242172	-2.563698	1.620031
77	1	0	-0.752218	-3.672020	0.270885
78	6	0	5.606013	-0.524721	-1.205204
79	6	0	4.531186	1.346664	-2.379468
80	1	0	4.324818	-0.716393	-2.969663
81	8	0	5.704231	-0.178123	-0.019366
82	7	0	6.555660	-1.236275	-1.852036
83	6	0	3.462734	1.872933	-3.268517
84	1	0	4.551844	1.945473	-1.424260

85	1	0	5.532824	1.471687	-2.875584
86	1	0	6.450491	-1.413786	-2.843400
87	6	0	7.856157	-1.544192	-1.240655
88	6	0	2.267725	2.357617	-2.717725
89	6	0	3.652129	1.917775	-4.653271
90	6	0	8.925274	-0.555898	-1.785414
91	6	0	8.317465	-2.969101	-1.467877
92	1	0	7.729867	-1.394350	-0.161338
93	6	0	1.272831	2.881645	-3.534597
94	1	0	2.110675	2.315483	-1.624866
95	6	0	2.666905	2.439505	-5.488265
96	1	0	4.587858	1.538777	-5.092101
97	8	0	8.971079	-0.259945	-2.981892
98	7	0	9.779840	-0.092227	-0.835862
99	6	0	8.339657	-3.391360	-2.921882
100	1	0	9.350285	-3.061494	-1.034267
101	1	0	7.649740	-3.665338	-0.889799
102	6	0	1.477520	2.919506	-4.924159
103	1	0	0.328726	3.257110	-3.112280
104	1	0	2.818948	2.470557	-6.575886
105	1	0	9.565012	-0.279029	0.141116
106	6	0	10.860552	0.829090	-1.153392
107	6	0	9.094538	-4.692724	-3.092102
108	1	0	7.290470	-3.520867	-3.298588
109	1	0	8.821607	-2.586838	-3.541151
110	8	0	0.452684	3.442639	-5.680729
111	1	0	11.804928	0.479209	-0.719365
112	1	0	10.959280	0.878472	-2.239743
113	1	0	10.651302	1.837640	-0.773128
114	6	0	9.083722	-5.117320	-4.559989
115	1	0	10.152378	-4.567698	-2.741348
116	1	0	8.622614	-5.488189	-2.457766
117	1	0	0.717460	3.398876	-6.610793
118	7	0	9.816325	-6.336606	-4.806968
119	1	0	8.004979	-5.186047	-4.894992
120	1	0	9.567636	-4.304938	-5.174819
121	1	0	9.511650	-7.069755	-4.198234
122	1	0	9.696003	-6.626766	-5.756658
123	8	0	2.489190	1.530138	0.729271
124	6	0	2.397868	1.992481	1.871271
125	6	0	1.033388	2.010959	2.605221
126	7	0	3.447909	2.499650	2.564350
127	7	0	-0.001766	2.211228	1.586571

128	6	0	0.896105	0.718333	3.415907
129	1	0	0.968168	2.860088	3.297254
130	1	0	3.316871	2.736558	3.543052
131	6	0	4.843522	2.290662	2.147207
132	6	0	-1.099381	2.975452	1.814707
133	1	0	0.052049	1.647814	0.734481
134	6	0	1.824303	0.735545	4.615792
135	6	0	-0.533373	0.519540	3.882413
136	1	0	1.176721	-0.152817	2.755425
137	6	0	5.511212	1.359111	3.195763
138	6	0	5.671231	3.563672	2.095482
139	1	0	4.822077	1.823541	1.156421
140	6	0	-2.097332	3.048623	0.627685
141	8	0	-1.339361	3.565251	2.876552
142	1	0	1.562865	-0.101894	5.308554
143	1	0	2.891811	0.600189	4.315244
144	1	0	1.729337	1.694799	5.179895
145	1	0	-0.581309	-0.294424	4.645736
146	1	0	-0.931203	1.462153	4.332893
147	1	0	-1.192959	0.229708	3.029074
148	8	0	5.292078	1.522108	4.400725
149	7	0	6.357746	0.429489	2.678608
150	6	0	5.164778	4.551275	1.106430
151	1	0	5.710475	4.030579	3.117700
152	1	0	6.722392	3.268640	1.822504
153	7	0	-3.443516	2.961182	1.228394
154	6	0	-1.881225	4.315900	-0.193858
155	1	0	-1.972237	2.178220	-0.026430
156	1	0	6.300137	0.211764	1.680248
157	6	0	7.052231	-0.515941	3.551948
158	6	0	4.434052	5.668428	1.531659
159	6	0	5.434726	4.385942	-0.256521
160	6	0	-4.342648	2.010125	0.886191
161	1	0	-3.601594	3.548261	2.039502
162	6	0	-2.631111	4.211573	-1.519567
163	6	0	-0.404446	4.545225	-0.447071
164	1	0	-2.279384	5.200811	0.380833
165	6	0	8.539704	-0.628607	3.134370
166	6	0	6.444095	-1.906733	3.606050
167	1	0	6.983491	-0.090708	4.562346
168	6	0	3.973372	6.609603	0.618064
169	1	0	4.219672	5.804872	2.602796
170	6	0	4.983522	5.316625	-1.188044

171	1	0	6.010172	3.510894	-0.597023
172	6	0	-5.591801	1.896872	1.773659
173	8	0	-4.179594	1.232680	-0.061020
174	6	0	-2.986128	5.566206	-2.076366
175	1	0	-1.993204	3.655869	-2.259902
176	1	0	-3.569776	3.609613	-1.387110
177	1	0	-0.271982	5.384096	-1.173278
178	1	0	0.120926	4.817069	0.500204
179	1	0	0.074867	3.630282	-0.876086
180	8	0	8.908986	-0.541501	1.959698
181	7	0	9.392375	-0.860800	4.168479
182	6	0	6.452524	-2.634239	2.278836
183	1	0	7.015830	-2.507089	4.364109
184	1	0	5.386822	-1.826531	3.977777
185	6	0	4.250503	6.427335	-0.746911
186	1	0	3.399286	7.488215	0.943138
187	1	0	5.195253	5.180572	-2.257824
188	6	0	-5.358128	0.911823	2.950713
189	7	0	-6.684174	1.419716	0.935757
190	1	0	-5.876194	2.875391	2.177506
191	1	0	-3.500757	5.450121	-3.061216
192	1	0	-3.669938	6.113577	-1.383361
193	1	0	-2.070650	6.187767	-2.228439
194	1	0	9.008127	-0.880043	5.103915
195	6	0	10.822868	-1.083683	3.999650
196	6	0	5.825367	-4.005078	2.417258
197	1	0	5.889566	-2.040952	1.506937
198	1	0	7.508873	-2.729176	1.909088
199	8	0	3.772065	7.390576	-1.605155
200	6	0	-4.364379	1.392835	4.019652
201	1	0	-6.335396	0.750341	3.418276
202	1	0	-5.024411	-0.051274	2.551876
203	6	0	-7.974677	1.679131	1.250498
204	1	0	-6.458929	0.773823	0.173678
205	1	0	11.124035	-2.030262	4.462836
206	1	0	11.033489	-1.126350	2.929659
207	1	0	11.405120	-0.267147	4.443503
208	6	0	5.949997	-4.778459	1.105027
209	1	0	6.324744	-4.575622	3.242985
210	1	0	4.742323	-3.891390	2.691786
211	1	0	3.999895	7.124800	-2.507972
212	6	0	-4.182880	0.344223	5.115296
213	1	0	-3.367325	1.562030	3.591072

214	1	0	-4.693719	2.346011	4.453271
215	6	0	-9.030146	1.068935	0.292704
216	8	0	-8.325524	2.347308	2.232147
217	7	0	5.347084	-6.089568	1.157281
218	1	0	5.517977	-4.134648	0.280185
219	1	0	7.044389	-4.923009	0.872462
220	7	0	-4.146567	0.822596	6.393970
221	8	0	-4.059603	-0.856395	4.867661
222	7	0	-10.159490	0.672200	1.145229
223	6	0	-9.383960	2.087191	-0.789973
224	1	0	-8.634884	0.169443	-0.191948
225	1	0	4.399853	-6.035279	1.476678
226	1	0	5.362022	-6.512679	0.250613
227	1	0	-4.210202	1.809208	6.595775
228	1	0	-3.965062	0.174906	7.149337
229	6	0	-10.827843	-0.502143	1.031867
230	1	0	-10.347322	1.295946	1.922264
231	6	0	-8.173229	2.352651	-1.664959
232	6	0	-10.545570	1.600297	-1.633823
233	1	0	-9.686880	3.053576	-0.294118
234	6	0	-11.907986	-0.747818	2.076022
235	8	0	-10.592930	-1.341849	0.150081
236	1	0	-8.485759	2.866196	-2.606280
237	1	0	-7.444177	3.013864	-1.138191
238	1	0	-7.655668	1.397732	-1.935245
239	1	0	-10.676825	2.260962	-2.524740
240	1	0	-10.368186	0.554088	-1.986282
241	1	0	-11.495614	1.616098	-1.047743
242	1	0	-12.858177	-0.919837	1.560821
243	1	0	-11.660471	-1.661059	2.626754
244	1	0	-12.025686	0.078351	2.783758

P Pl (Ac-VQIVYK-NHMe)<sub>3</sub>

1	8	0	-7.917925	-6.546011	3.650244
2	6	0	-8.707511	-5.638651	3.356630
3	7	0	-8.785194	-5.102871	2.105387
4	6	0	-9.675734	-5.051434	4.373076
5	6	0	-7.863266	-5.559894	1.054095
6	1	0	-9.329644	-4.256828	1.928957
7	1	0	-10.351891	-5.844927	4.708679
8	1	0	-9.106370	-4.713407	5.244702
9	1	0	-10.260059	-4.220170	3.967879
10	6	0	-6.568676	-4.717527	1.172595
11	6	0	-8.427847	-5.436824	-0.352749
12	1	0	-7.638392	-6.612732	1.266396
13	7	0	-5.624917	-5.247676	1.982454
14	8	0	-6.455368	-3.615186	0.608657
15	6	0	-7.427890	-5.982038	-1.355032
16	6	0	-9.748120	-6.167503	-0.486182
17	1	0	-8.594047	-4.341851	-0.577105
18	1	0	-5.851782	-6.108197	2.473132
19	6	0	-4.355394	-4.585977	2.283534
20	1	0	-7.832267	-5.873446	-2.390152
21	1	0	-6.464135	-5.418521	-1.291473
22	1	0	-7.226053	-7.063631	-1.165551
23	1	0	-10.074602	-6.167112	-1.554631
24	1	0	-9.648804	-7.226424	-0.146352
25	1	0	-10.541827	-5.670618	0.121613
26	6	0	-3.238363	-5.273528	1.464629
27	6	0	-4.051341	-4.648993	3.790276
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29	8	0	-2.960330	-6.462780	1.628523
30	7	0	-2.613985	-4.453844	0.570891
31	6	0	-2.818400	-3.807925	4.173193
32	1	0	-4.931973	-4.279337	4.330620
33	1	0	-3.886865	-5.688968	4.092497
34	1	0	-2.913088	-3.482382	0.479111
35	6	0	-1.563519	-4.946970	-0.323948
36	6	0	-2.568594	-3.863455	5.681967
37	1	0	-1.925264	-4.219058	3.686811
38	1	0	-2.942130	-2.771665	3.837522
39	6	0	-0.288387	-4.124694	-0.012985
40	6	0	-1.875060	-4.820974	-1.814462
41	1	0	-1.425915	-6.006451	-0.075186

42	8	0	-2.284370	-4.914767	6.257268
43	7	0	-2.681527	-2.667264	6.333951
44	8	0	-0.295928	-2.890042	-0.118783
45	7	0	0.788390	-4.829646	0.413190
46	6	0	-3.203423	-5.477442	-2.165697
47	6	0	-0.745644	-5.446951	-2.609334
48	1	0	-1.937887	-3.723957	-2.073755
49	1	0	-2.590487	-2.685136	7.340737
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51	1	0	0.745923	-5.841187	0.427822
52	6	0	2.070255	-4.197412	0.766059
53	6	0	-3.604479	-5.224661	-3.597373
54	1	0	-3.130111	-6.581584	-1.980612
55	1	0	-4.013650	-5.080395	-1.497654
56	1	0	-0.922571	-5.319855	-3.706556
57	1	0	0.229128	-4.956115	-2.367186
58	1	0	-0.663389	-6.538207	-2.387835
59	6	0	3.139829	-4.644873	-0.268090
60	6	0	2.560960	-4.563789	2.163287
61	1	0	1.910877	-3.115603	0.711920
62	1	0	-4.648121	-5.584825	-3.768805
63	1	0	-3.564921	-4.132832	-3.832090
64	1	0	-2.929684	-5.761156	-4.307118
65	8	0	3.335383	-5.838027	-0.509532
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68	6	0	1.571172	-4.127030	3.224014
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71	6	0	4.919922	-3.829628	-1.774085
72	1	0	4.207967	-4.058747	3.482075
73	1	0	4.694330	-4.379281	1.767751
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75	1	0	1.979872	-4.348252	4.239939
76	1	0	1.377459	-3.029212	3.150792
77	1	0	0.599672	-4.666889	3.117056
78	6	0	6.208482	-3.199255	-1.183222
79	6	0	4.735772	-3.208283	-3.152765
80	1	0	5.029834	-4.916058	-1.883298
81	8	0	6.155805	-2.156020	-0.518623
82	7	0	7.362921	-3.846154	-1.469386
83	6	0	3.594751	-3.789520	-3.907257
84	1	0	4.591302	-2.096409	-3.049964



85	1	0	5.686215	-3.369493	-3.733059
86	1	0	7.342793	-4.611363	-2.134417
87	6	0	8.681796	-3.251680	-1.204854
88	6	0	2.320911	-3.213684	-3.810360
89	6	0	3.787436	-4.896988	-4.740001
90	6	0	9.289803	-2.771243	-2.551533
91	6	0	9.653305	-4.188623	-0.516957
92	1	0	8.511949	-2.391102	-0.547387
93	6	0	1.251084	-3.727734	-4.533626
94	1	0	2.161342	-2.347358	-3.147982
95	6	0	2.728316	-5.428498	-5.471361
96	1	0	4.784685	-5.356229	-4.819577
97	8	0	9.143941	-3.429126	-3.586258
98	7	0	9.985623	-1.609711	-2.457207
99	6	0	9.844276	-5.511949	-1.227729
100	1	0	10.639879	-3.655418	-0.441666
101	1	0	9.298621	-4.379484	0.532002
102	6	0	1.460352	-4.841198	-5.364219
103	1	0	0.247788	-3.284199	-4.457629
104	1	0	2.883438	-6.301678	-6.120001
105	1	0	9.911283	-1.072718	-1.593989
106	6	0	10.651816	-1.011853	-3.604124
107	6	0	11.025732	-6.264638	-0.653575
108	1	0	8.918913	-6.138031	-1.123248
109	1	0	10.003069	-5.331549	-2.325387
110	8	0	0.361855	-5.309628	-6.049500
111	1	0	11.680884	-0.732724	-3.347988
112	1	0	10.667429	-1.745057	-4.413168
113	1	0	10.121387	-0.115846	-3.952925
114	6	0	11.181443	-7.612540	-1.356189
115	1	0	11.960886	-5.659102	-0.782121
116	1	0	10.875284	-6.419442	0.447062
117	1	0	0.634918	-6.091898	-6.550214
118	7	0	12.318232	-8.371660	-0.891601
119	1	0	10.208366	-8.179027	-1.242610
120	1	0	11.328673	-7.430886	-2.459589
121	1	0	12.318422	-8.446615	0.106058
122	1	0	12.308517	-9.289112	-1.290035
123	8	0	2.850624	-1.032766	-0.002207
124	6	0	2.539455	0.162125	0.090708
125	6	0	1.193019	0.582038	0.732842
126	7	0	3.317329	1.185985	-0.330729
127	7	0	0.096137	-0.059050	-0.007166

128	6	0	1.234907	0.207325	2.212444
129	1	0	1.048791	1.663376	0.638085
130	1	0	2.967274	2.143338	-0.264152
131	6	0	4.652830	0.974856	-0.904494
132	6	0	-0.848847	0.661278	-0.651109
133	1	0	0.024236	-1.080920	0.009847
134	6	0	2.329992	0.991099	2.909823
135	6	0	-0.094345	0.470484	2.889832
136	1	0	1.471143	-0.894019	2.295097
137	6	0	5.711737	1.421786	0.136645
138	6	0	4.908782	1.783528	-2.165093
139	1	0	4.753339	-0.094698	-1.118840
140	6	0	-2.004490	-0.167897	-1.270428
141	8	0	-0.852313	1.902500	-0.727037
142	1	0	2.342170	0.741223	3.998681
143	1	0	3.331810	0.743398	2.482383
144	1	0	2.158003	2.089795	2.801624
145	1	0	0.005135	0.329259	3.993652
146	1	0	-0.434694	1.516757	2.695363
147	1	0	-0.876913	-0.235645	2.520746
148	8	0	5.708334	2.588956	0.566401
149	7	0	6.598355	0.477418	0.512871
150	6	0	3.949823	1.481241	-3.259714
151	1	0	4.863328	2.882632	-1.919182
152	1	0	5.957604	1.559991	-2.502980
153	7	0	-3.242003	0.245344	-0.583563
154	6	0	-2.030147	0.056753	-2.778754
155	1	0	-1.861056	-1.234156	-1.062738
156	1	0	6.508925	-0.476749	0.152379
157	6	0	7.656789	0.775214	1.483224
158	6	0	2.720762	2.153709	-3.320268
159	6	0	4.272022	0.545236	-4.247350
160	6	0	-3.915017	-0.576871	0.254931
161	1	0	-3.589703	1.193486	-0.731868
162	6	0	-3.124709	-0.772046	-3.438832
163	6	0	-0.673557	-0.292263	-3.360291
164	1	0	-2.232584	1.149667	-2.976308
165	6	0	9.044188	0.770118	0.791043
166	6	0	7.680642	-0.142509	2.688351
167	1	0	7.458446	1.789214	1.848887
168	6	0	1.821355	1.897002	-4.348142
169	1	0	2.460151	2.889648	-2.539414
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171	1	0	5.234559	0.012284	-4.205829
172	6	0	-5.185746	0.017955	0.888163
173	8	0	-3.568070	-1.733775	0.522658
174	6	0	-3.367554	-0.356859	-4.868054
175	1	0	-2.840026	-1.857962	-3.400929
176	1	0	-4.085201	-0.663204	-2.868450
177	1	0	-0.677888	-0.149374	-4.468958
178	1	0	0.119459	0.373485	-2.936684
179	1	0	-0.406925	-1.354584	-3.138443
180	8	0	9.381604	-0.109711	-0.013895
181	7	0	9.844390	1.796123	1.161623
182	6	0	7.727528	-1.619228	2.362800
183	1	0	8.575758	0.133135	3.309473
184	1	0	6.767544	0.067035	3.311979
185	6	0	2.158110	0.951312	-5.331424
186	1	0	0.853777	2.418032	-4.400535
187	1	0	3.641540	-0.462650	-6.059371
188	6	0	-5.082878	0.015912	2.426847
189	7	0	-6.332489	-0.778019	0.452767
190	1	0	-5.343965	1.035090	0.526173
191	1	0	-4.251134	-0.902774	-5.279322
192	1	0	-3.568662	0.740445	-4.931900
193	1	0	-2.484618	-0.588698	-5.511254
194	1	0	9.445302	2.534492	1.738962
195	6	0	11.196715	1.953143	0.646103
196	6	0	7.949817	-2.430149	3.622740
197	1	0	6.769072	-1.937853	1.869798
198	1	0	8.553451	-1.817124	1.627374
199	8	0	1.223577	0.732389	-6.318031
200	6	0	-3.975413	0.944591	2.960663
201	1	0	-6.054102	0.332821	2.826400
202	1	0	-4.898573	-1.004499	2.777493
203	6	0	-7.428630	-0.218882	-0.099875
204	1	0	-6.290601	-1.798099	0.566172
205	1	0	11.817254	2.454757	1.395392
206	1	0	11.617652	0.967990	0.430838
207	1	0	11.213695	2.545135	-0.278827
208	6	0	7.722987	-3.915035	3.344505
209	1	0	8.992634	-2.263496	3.999999
210	1	0	7.245695	-2.083875	4.425210
211	1	0	1.563241	0.038121	-6.901387
212	6	0	-3.876645	0.849065	4.480542
213	1	0	-3.000360	0.633745	2.562636

214	1	0	-4.153001	1.979376	2.646175
215	6	0	-8.582499	-1.197034	-0.436580
216	8	0	-7.550576	0.999769	-0.323847
217	7	0	8.064208	-4.765706	4.460072
218	1	0	6.647438	-4.045654	3.012237
219	1	0	8.374337	-4.225252	2.477275
220	7	0	-4.147151	1.987686	5.169558
221	8	0	-3.571264	-0.209971	5.041395
222	7	0	-9.799028	-0.724116	0.240998
223	6	0	-8.698957	-1.291947	-1.955814
224	1	0	-8.361602	-2.191455	-0.034084
225	1	0	7.628339	-4.447847	5.302619
226	1	0	7.779135	-5.707164	4.277826
227	1	0	-4.413094	2.858868	4.716526
228	1	0	-4.113482	1.941042	6.179311
229	6	0	-10.460431	-1.480327	1.156987
230	1	0	-10.185351	0.184923	-0.015598
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232	6	0	-9.919142	-2.085619	-2.374411
233	1	0	-8.788358	-0.247206	-2.374974
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237	1	0	-6.556884	-1.275642	-2.351631
238	1	0	-7.249352	-2.918883	-2.016286
239	1	0	-9.896234	-2.266781	-3.476588
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241	1	0	-10.857337	-1.530833	-2.133070
242	1	0	-12.532718	-1.526131	1.669327
243	1	0	-11.508635	-0.697825	2.844970
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246	7	0	-5.235562	6.778759	4.035815
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248	1	0	-5.245391	6.770242	5.047279
249	6	0	-5.012024	5.685524	1.849063
250	8	0	-4.856504	4.542208	3.972012
251	6	0	-6.049338	4.722893	1.242129
252	1	0	-3.995905	5.410870	1.537335
253	1	0	-5.189541	6.712286	1.505559
254	6	0	-6.029702	4.661926	-0.304149
255	1	0	-7.057329	5.033364	1.541101
256	1	0	-5.885235	3.716418	1.639898

257	7	0	-7.111134	3.819216	-0.792222
258	6	0	-4.696433	4.080194	-0.800648
259	1	0	-6.196926	5.664576	-0.711276
260	6	0	-8.273181	4.350219	-1.250248
261	1	0	-7.043689	2.805377	-0.657489
262	8	0	-4.471199	2.867907	-0.696834
263	7	0	-3.811978	4.967876	-1.310865
264	6	0	-9.328694	3.311861	-1.704239
265	8	0	-8.509709	5.563246	-1.307089
266	1	0	-4.027447	5.957627	-1.290050
267	6	0	-2.428603	4.611587	-1.676651
268	7	0	-10.623097	3.794056	-1.203300
269	6	0	-9.260437	3.153134	-3.221566
270	1	0	-9.134831	2.339378	-1.239545
271	6	0	-1.505277	5.421984	-0.723893
272	6	0	-2.079399	4.922000	-3.129150
273	1	0	-2.309245	3.536725	-1.503777
274	1	0	-10.786667	4.789752	-1.293946
275	6	0	-11.486188	3.022029	-0.494474
276	6	0	-7.901411	2.607637	-3.618436
277	6	0	-10.352766	2.228557	-3.721020
278	1	0	-9.398027	4.163969	-3.701180
279	8	0	-1.767358	6.599464	-0.450363
280	7	0	-0.441864	4.732707	-0.232929
281	6	0	-2.916464	4.076248	-4.083179
282	6	0	-0.601776	4.665655	-3.360171
283	1	0	-2.291236	6.010698	-3.331826
284	6	0	-12.731304	3.729199	0.022380
285	8	0	-11.297876	1.818338	-0.268685
286	1	0	-7.917268	2.280363	-4.686077
287	1	0	-7.113495	3.390557	-3.507408
288	1	0	-7.626630	1.731069	-2.980062
289	1	0	-10.217459	2.031815	-4.812243
290	1	0	-10.319922	1.253523	-3.175847
291	1	0	-11.360975	2.683440	-3.572542
292	1	0	-0.381552	3.724359	-0.399917
293	6	0	0.488595	5.343069	0.721277
294	6	0	-2.966152	4.669230	-5.468652
295	1	0	-2.486903	3.039460	-4.129739
296	1	0	-3.965441	3.977147	-3.698557
297	1	0	-0.377999	4.661870	-4.454495
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300	1	0	-13.613102	3.225350	-0.385934
301	1	0	-12.765447	3.624437	1.111426
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303	6	0	1.927960	4.934364	0.320313
304	6	0	0.262431	4.939746	2.181631
305	1	0	0.350437	6.428211	0.637692
306	1	0	-3.585213	4.023672	-6.137950
307	1	0	-3.419389	5.689902	-5.446177
308	1	0	-1.943341	4.750513	-5.909505
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311	6	0	1.057885	5.835837	3.111640
312	6	0	-1.208875	5.008620	2.543671
313	1	0	0.610945	3.874774	2.318575
314	1	0	2.618617	6.739800	0.981604
315	6	0	4.317596	5.601675	0.449517
316	1	0	0.761303	5.639592	4.171197
317	1	0	2.155965	5.647958	3.028091
318	1	0	0.862428	6.912764	2.889143
319	1	0	-1.337330	4.947499	3.651490
320	1	0	-1.655537	5.967301	2.181850
321	1	0	-1.770424	4.159294	2.084355
322	6	0	4.867427	5.785638	1.890447
323	6	0	5.110930	6.541652	-0.443614
324	1	0	4.447539	4.569995	0.105420
325	8	0	4.443054	6.700356	2.604416
326	7	0	5.856902	4.925391	2.255085
327	6	0	4.696029	6.490052	-1.870057
328	1	0	5.016916	7.594989	-0.060627
329	1	0	6.194022	6.249249	-0.357049
330	1	0	6.000977	4.068537	1.712360
331	6	0	6.462677	5.045358	3.581948
332	6	0	3.757664	7.404542	-2.366946
333	6	0	5.259928	5.546647	-2.735500
334	6	0	7.960178	4.667780	3.521241
335	6	0	5.783996	4.256690	4.687985
336	1	0	6.368264	6.105486	3.855050
337	6	0	3.380339	7.383927	-3.704486
338	1	0	3.310797	8.148428	-1.689513
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344	1	0	6.320838	4.476269	5.650248
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346	6	0	3.954975	6.429239	-4.560270
347	1	0	2.644704	8.096788	-4.102002
348	1	0	5.340687	4.764816	-4.754713
349	1	0	8.320813	6.080997	4.949250
350	6	0	10.169388	5.082935	4.562796
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354	8	0	3.547810	6.458091	-5.874104
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356	1	0	10.368342	4.035425	4.325112
357	1	0	10.772726	5.713093	3.897203
358	6	0	5.147084	0.551811	5.475194
359	1	0	5.780455	2.314059	6.587187
360	1	0	4.129051	2.442694	5.864390
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363	1	0	4.599683	0.340149	4.505959
364	1	0	6.206965	0.186815	5.343616
365	1	0	3.686426	0.191607	6.841159
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P Pl (Ac-VQIVYK-NHMe)<sub>4</sub>

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24	1	0	-7.527778	-10.977646	0.275337
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31	6	0	-1.257260	-6.691526	4.673878
32	1	0	-3.252894	-7.527956	4.836273
33	1	0	-1.987624	-8.723923	4.520054
34	1	0	-1.356089	-6.208725	1.102765
35	6	0	0.130268	-7.438505	0.162986
36	6	0	-0.946680	-6.789484	6.169241
37	1	0	-0.323058	-6.904230	4.140210
38	1	0	-1.573264	-5.676315	4.407964
39	6	0	1.248902	-6.387026	0.348889
40	6	0	-0.342806	-7.404998	-1.290190
41	1	0	0.484710	-8.449977	0.395646



42	8	0	-0.509143	-7.823419	6.676945
43	7	0	-1.182752	-5.651042	6.886519
44	8	0	0.978137	-5.178310	0.332222
45	7	0	2.501884	-6.865670	0.548360
46	6	0	-1.388460	-8.482921	-1.552623
47	6	0	0.838979	-7.587565	-2.221602
48	1	0	-0.802700	-6.393189	-1.490501
49	1	0	-1.041767	-5.702743	7.886337
50	1	0	-1.624979	-4.828266	6.482891
51	1	0	2.667546	-7.864540	0.526409
52	6	0	3.660107	-5.987816	0.786318
53	6	0	-2.270577	-8.137989	-2.725776
54	1	0	-0.871345	-9.461204	-1.740661
55	1	0	-2.035561	-8.629269	-0.646908
56	1	0	0.478534	-7.737830	-3.268637
57	1	0	1.501429	-6.687148	-2.205871
58	1	0	1.443673	-8.479768	-1.928270
59	6	0	4.723637	-6.273131	-0.308831
60	6	0	4.310155	-6.183443	2.153680
61	1	0	3.292384	-4.959884	0.710552
62	1	0	-3.077309	-8.903940	-2.833982
63	1	0	-2.752573	-7.140318	-2.578903
64	1	0	-1.682305	-8.106824	-3.674394
65	8	0	5.107766	-7.421607	-0.539790
66	7	0	5.172388	-5.156437	-0.950072
67	6	0	5.418240	-5.162560	2.334074
68	6	0	3.299706	-6.048827	3.274748
69	1	0	4.760440	-7.216570	2.196136
70	1	0	4.784211	-4.247014	-0.692939
71	6	0	6.228801	-5.201705	-1.954831
72	1	0	5.812946	-5.208469	3.377454
73	1	0	6.260805	-5.366935	1.630634
74	1	0	5.036033	-4.129677	2.139450
75	1	0	3.821293	-6.071884	4.262460
76	1	0	2.744654	-5.083192	3.188743
77	1	0	2.561375	-6.885916	3.255289
78	6	0	7.384581	-4.252375	-1.538561
79	6	0	5.799362	-4.777617	-3.355875
80	1	0	6.583089	-6.240175	-1.993304
81	8	0	7.169447	-3.214285	-0.899324
82	7	0	8.617760	-4.634609	-1.953741
83	6	0	5.065083	-5.848404	-4.080887
84	1	0	5.165805	-3.848605	-3.301910

85	1	0	6.719294	-4.511191	-3.947660
86	1	0	8.686842	-5.407916	-2.607152
87	6	0	9.771835	-3.723118	-1.935617
88	6	0	3.664918	-5.870038	-4.093105
89	6	0	5.773896	-6.827277	-4.787363
90	6	0	10.044299	-3.249483	-3.390868
91	6	0	11.031199	-4.337796	-1.360455
92	1	0	9.493841	-2.866527	-1.309683
93	6	0	2.974810	-6.844103	-4.806289
94	1	0	3.101514	-5.111210	-3.526963
95	6	0	5.102161	-7.812690	-5.504675
96	1	0	6.874798	-6.817563	-4.780070
97	8	0	9.888178	-4.018269	-4.345499
98	7	0	10.475314	-1.967484	-3.485214
99	6	0	11.447304	-5.631475	-2.028240
100	1	0	11.853873	-3.578714	-1.461107
101	1	0	10.879041	-4.519778	-0.261431
102	6	0	3.700193	-7.816284	-5.513809
103	1	0	1.875936	-6.871279	-4.815135
104	1	0	5.663311	-8.580663	-6.054798
105	1	0	10.413938	-1.373333	-2.658424
106	6	0	10.811573	-1.359190	-4.763498
107	6	0	12.847945	-6.026609	-1.611186
108	1	0	10.731552	-6.450212	-1.751598
109	1	0	11.401336	-5.512190	-3.144622
110	8	0	2.963638	-8.748051	-6.209268
111	1	0	11.748027	-0.795398	-4.680657
112	1	0	10.930473	-2.152949	-5.503974
113	1	0	10.020696	-0.678293	-5.105939
114	6	0	13.238146	-7.349366	-2.269176
115	1	0	13.573697	-5.225363	-1.909638
116	1	0	12.896116	-6.123269	-0.494859
117	1	0	3.580584	-9.384012	-6.599434
118	7	0	14.583389	-7.769051	-1.955586
119	1	0	12.465408	-8.123777	-1.979582
120	1	0	13.177758	-7.228177	-3.388936
121	1	0	14.741579	-7.765187	-0.967764
122	1	0	14.751809	-8.688363	-2.311984
123	8	0	-8.806584	-6.526675	2.149406
124	6	0	-9.292127	-5.414729	1.886132
125	7	0	-8.733680	-4.530875	1.020558
126	6	0	-10.577629	-4.946804	2.552315
127	6	0	-7.477298	-4.805548	0.309889

128	1	0	-9.215791	-3.650934	0.827669
129	1	0	-11.347157	-5.709130	2.393506
130	1	0	-10.401095	-4.878203	3.631411
131	1	0	-10.922607	-3.981372	2.173684
132	6	0	-6.475692	-3.683554	0.679912
133	6	0	-7.611222	-4.849493	-1.210485
134	1	0	-7.109866	-5.775334	0.662421
135	7	0	-5.312588	-4.096011	1.224750
136	8	0	-6.774466	-2.490986	0.493586
137	6	0	-6.267605	-5.195303	-1.823896
138	6	0	-8.654362	-5.858352	-1.644354
139	1	0	-7.923354	-3.827256	-1.574902
140	1	0	-5.127636	-5.102410	1.307881
141	6	0	-4.275515	-3.163912	1.665699
142	1	0	-6.374920	-5.339687	-2.925715
143	1	0	-5.532024	-4.373048	-1.646890
144	1	0	-5.861823	-6.136708	-1.376590
145	1	0	-8.645969	-5.961269	-2.756689
146	1	0	-8.444115	-6.859175	-1.193918
147	1	0	-9.676000	-5.534914	-1.332099
148	6	0	-2.959398	-3.548731	0.965063
149	6	0	-4.112300	-3.210213	3.197073
150	1	0	-4.585354	-2.165107	1.351979
151	8	0	-2.416907	-4.636486	1.201843
152	7	0	-2.476152	-2.628485	0.098704
153	6	0	-3.095438	-2.174194	3.714609
154	1	0	-5.095484	-3.022672	3.645807
155	1	0	-3.795114	-4.213618	3.498743
156	1	0	-2.974367	-1.743865	-0.018453
157	6	0	-1.243714	-2.851627	-0.672254
158	6	0	-2.929806	-2.281687	5.227112
159	1	0	-2.109752	-2.371577	3.275186
160	1	0	-3.400793	-1.161100	3.430725
161	6	0	-0.205909	-1.810870	-0.177664
162	6	0	-1.411026	-2.708068	-2.182824
163	1	0	-0.901510	-3.866627	-0.443126
164	8	0	-2.446487	-3.291257	5.755102
165	7	0	-3.347811	-1.208986	5.945896
166	8	0	-0.446630	-0.594256	-0.256628
167	7	0	0.917722	-2.331526	0.360958
168	6	0	-2.475710	-3.657440	-2.716553
169	6	0	-0.076715	-2.977193	-2.851945
170	1	0	-1.724188	-1.647886	-2.411038

171	1	0	-3.286837	-1.270155	6.953498
172	1	0	-3.771808	-0.390152	5.511699
173	1	0	1.029784	-3.349166	0.390640
174	6	0	1.981374	-1.493563	0.935232
175	6	0	-2.801296	-3.394655	-4.165361
176	1	0	-2.123018	-4.716492	-2.591897
177	1	0	-3.418858	-3.549999	-2.117421
178	1	0	-0.163393	-2.858041	-3.960357
179	1	0	0.696629	-2.252949	-2.494209
180	1	0	0.273724	-4.014347	-2.628603
181	6	0	3.268611	-1.685038	0.092797
182	6	0	2.303295	-1.839509	2.386887
183	1	0	1.642073	-0.453703	0.876998
184	1	0	-3.676308	-4.015009	-4.477879
185	1	0	-3.056972	-2.318414	-4.323874
186	1	0	-1.938871	-3.651218	-4.826654
187	8	0	3.765736	-2.810007	-0.056140
188	7	0	3.781144	-0.550010	-0.435765
189	6	0	3.503741	-1.041345	2.857347
190	6	0	1.114593	-1.569219	3.285731
191	1	0	2.563403	-2.937313	2.447258
192	1	0	3.297309	0.338185	-0.285455
193	6	0	5.037166	-0.536872	-1.193443
194	1	0	3.656904	-1.192972	3.953398
195	1	0	4.428153	-1.375366	2.325049
196	1	0	3.355894	0.049306	2.666872
197	1	0	1.383320	-1.784553	4.348435
198	1	0	0.799595	-0.500039	3.208701
199	1	0	0.247932	-2.216588	3.008654
200	6	0	6.095355	0.238297	-0.368984
201	6	0	4.945072	0.161205	-2.540766
202	1	0	5.344723	-1.578295	-1.334520
203	8	0	5.871640	1.405190	-0.006701
204	7	0	7.235758	-0.433141	-0.102981
205	6	0	4.006636	-0.499655	-3.484664
206	1	0	4.632402	1.232469	-2.387006
207	1	0	5.978960	0.176335	-2.983395
208	1	0	7.320110	-1.412448	-0.386967
209	6	0	8.338688	0.202597	0.629268
210	6	0	2.645748	-0.163398	-3.471848
211	6	0	4.474687	-1.436756	-4.411317
212	6	0	9.518720	0.499947	-0.331873
213	6	0	8.830301	-0.587234	1.824236

214	1	0	7.944429	1.156137	1.003033
215	6	0	1.761256	-0.745522	-4.371994
216	1	0	2.271362	0.566962	-2.735117
217	6	0	3.604406	-2.032124	-5.321415
218	1	0	5.541497	-1.709133	-4.425955
219	8	0	9.951225	-0.347355	-1.128807
220	7	0	10.034829	1.741630	-0.212680
221	6	0	9.378047	-1.960792	1.503259
222	1	0	9.628749	0.024226	2.326603
223	1	0	7.983395	-0.693376	2.557101
224	6	0	2.247166	-1.684517	-5.297492
225	1	0	0.691617	-0.489411	-4.365091
226	1	0	3.976914	-2.770266	-6.045506
227	1	0	9.547815	2.426088	0.367182
228	6	0	11.161095	2.182183	-1.023123
229	6	0	9.900605	-2.622837	2.761485
230	1	0	8.577954	-2.601356	1.042283
231	1	0	10.202147	-1.870773	0.745099
232	8	0	1.323057	-2.231362	-6.159028
233	1	0	11.616688	3.058387	-0.552990
234	1	0	11.904152	1.382740	-1.093918
235	1	0	10.849602	2.449065	-2.041881
236	6	0	10.519581	-3.979801	2.432175
237	1	0	10.669045	-1.965913	3.247255
238	1	0	9.060049	-2.750632	3.493332
239	1	0	1.778669	-2.885903	-6.708338
240	7	0	11.024510	-4.676859	3.591602
241	1	0	9.751766	-4.585517	1.862859
242	1	0	11.393606	-3.817959	1.736864
243	1	0	10.343032	-4.701069	4.323750
244	1	0	11.278567	-5.613572	3.349222
245	8	0	2.280431	1.799594	0.030502
246	6	0	1.768547	2.920900	0.147267
247	6	0	0.329797	3.080580	0.700067
248	7	0	2.393640	4.080143	-0.160409
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250	6	0	0.351915	2.730491	2.187172
251	1	0	-0.006806	4.115605	0.581673
252	1	0	1.875899	4.958402	-0.091703
253	6	0	3.795425	4.139278	-0.601842
254	6	0	-1.641893	2.765589	-0.745760
255	1	0	-0.446283	1.224853	-0.087803
256	6	0	1.282560	3.671861	2.927262

257	6	0	-1.036244	2.805031	2.789809
258	1	0	0.739638	1.676160	2.301911
259	6	0	4.617581	4.787710	0.542555
260	6	0	4.010175	4.992235	-1.840272
261	1	0	4.129148	3.112159	-0.786827
262	6	0	-2.579212	1.735671	-1.428390
263	8	0	-1.901150	3.980770	-0.796983
264	1	0	1.209069	3.491277	4.027325
265	1	0	2.343148	3.509994	2.616887
266	1	0	1.010270	4.736515	2.724346
267	1	0	-0.980454	2.663762	3.896625
268	1	0	-1.501886	3.799261	2.581731
269	1	0	-1.695656	2.006416	2.372389
270	8	0	4.326083	5.930494	0.938542
271	7	0	5.618871	4.040073	1.055400
272	6	0	3.210401	4.548876	-3.011966
273	1	0	3.757177	6.064592	-1.601649
274	1	0	5.106154	4.954681	-2.088412
275	7	0	-3.910648	1.894498	-0.814132
276	6	0	-2.556378	1.972813	-2.935618
277	1	0	-2.243010	0.714817	-1.217141
278	1	0	5.772963	3.087052	0.711100
279	6	0	6.388316	4.523130	2.207697
280	6	0	1.886224	4.985195	-3.163101
281	6	0	3.777128	3.720552	-3.985575
282	6	0	-4.528955	0.894400	-0.144640
283	1	0	-4.394621	2.786491	-0.928962
284	6	0	-3.416269	0.951479	-3.668955
285	6	0	-1.122424	1.911785	-3.427118
286	1	0	-2.962144	3.005593	-3.143054
287	6	0	7.901229	4.561803	1.890881
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293	1	0	4.813893	3.368483	-3.870568
294	6	0	-5.916251	1.237673	0.434889
295	8	0	-4.042871	-0.231091	0.030814
296	6	0	-3.718893	1.377904	-5.083463
297	1	0	-2.888093	-0.039835	-3.675239
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300	1	0	-0.531806	2.771003	-3.021974
301	1	0	-0.634410	0.958398	-3.107197
302	8	0	8.494291	3.627840	1.332276
303	7	0	8.515008	5.695179	2.300151
304	6	0	6.471086	2.281543	3.437888
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306	1	0	5.066255	3.885771	3.782545
307	6	0	1.718395	3.771867	-5.238034
308	1	0	0.093589	4.939100	-4.390396
309	1	0	3.489988	2.676361	-5.862669
310	6	0	-5.891542	1.182169	1.976597
311	7	0	-6.892769	0.282144	-0.081886
312	1	0	-6.223433	2.229907	0.099478
313	1	0	-4.419736	0.650227	-5.560028
314	1	0	-4.195005	2.388805	-5.097936
315	1	0	-2.788712	1.421101	-5.699864
316	1	0	7.941321	6.448782	2.675554
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319	1	0	5.849928	1.775373	2.650689
320	1	0	7.545931	2.140725	3.143723
321	8	0	0.926522	3.427877	-6.309974
322	6	0	-4.976602	2.246660	2.612084
323	1	0	-6.920380	1.323300	2.329854
324	1	0	-5.569424	0.186310	2.297401
325	6	0	-7.968043	0.660717	-0.803219
326	1	0	-6.766960	-0.710433	0.149034
327	1	0	10.281494	6.674147	2.830401
328	1	0	10.484149	4.974768	2.331595
329	1	0	10.189914	6.227562	1.108300
330	6	0	6.531123	0.154295	4.752461
331	1	0	6.835405	2.150130	5.572237
332	1	0	5.134968	1.802615	5.073395
333	1	0	1.427212	2.811962	-6.864640
334	6	0	-4.964472	2.105582	4.130657
335	1	0	-3.942595	2.104729	2.273575
336	1	0	-5.293252	3.253231	2.316978
337	6	0	-8.922980	-0.484653	-1.223183
338	8	0	-8.218348	1.839400	-1.117128
339	7	0	6.306298	-0.508046	6.015277
340	1	0	5.935962	-0.310516	3.907200
341	1	0	7.623675	0.028106	4.500108
342	7	0	-5.492280	3.139988	4.831680

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344	7	0	-10.247852	-0.212377	-0.644164
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346	1	0	-8.581162	-1.435534	-0.799144
347	1	0	5.374351	-0.352453	6.343726
348	1	0	6.463233	-1.491794	5.924750
349	1	0	-5.887985	3.964446	4.384901
350	1	0	-5.525110	3.054532	5.838973
351	6	0	-10.867886	-1.083311	0.196635
352	1	0	-10.754207	0.620557	-0.945704
353	6	0	-7.512882	-0.895518	-3.231975
354	6	0	-9.878652	-1.642051	-3.236526
355	1	0	-9.225793	0.418491	-3.170735
356	6	0	-12.235884	-0.644730	0.697765
357	8	0	-10.371107	-2.159106	0.562091
358	1	0	-7.512158	-1.013487	-4.342362
359	1	0	-6.807999	-0.070518	-2.965636
360	1	0	-7.141749	-1.844699	-2.773489
361	1	0	-9.771166	-1.773417	-4.340668
362	1	0	-9.667731	-2.621060	-2.740785
363	1	0	-10.935007	-1.353360	-3.021127
364	1	0	-12.946551	-1.456479	0.512830
365	1	0	-12.175529	-0.501989	1.782434
366	1	0	-12.586580	0.274796	0.223679
367	1	0	-7.755424	8.484520	3.288213
368	7	0	-7.457596	7.640152	3.753396
369	6	0	-6.940502	6.581353	3.066292
370	1	0	-7.568922	7.562783	4.755850
371	6	0	-6.814956	6.751911	1.556807
372	8	0	-6.593482	5.544859	3.637396
373	6	0	-7.631865	5.675160	0.817208
374	1	0	-5.746645	6.653197	1.323809
375	1	0	-7.125594	7.756432	1.244006
376	6	0	-7.463395	5.710110	-0.718956
377	1	0	-8.698619	5.805870	1.033733
378	1	0	-7.339782	4.686021	1.183749
379	7	0	-8.320300	4.717433	-1.352004
380	6	0	-6.007665	5.403291	-1.102468
381	1	0	-7.774474	6.688273	-1.099887
382	6	0	-9.494573	5.064308	-1.938128
383	1	0	-8.079350	3.724915	-1.260969
384	8	0	-5.548299	4.268816	-0.919235
385	7	0	-5.293518	6.430649	-1.616109



386	6	0	-10.287379	3.884938	-2.554168
387	8	0	-9.933113	6.219712	-1.987075
388	1	0	-5.707022	7.354337	-1.660571
389	6	0	-3.851786	6.341792	-1.912157
390	7	0	-11.698908	4.112808	-2.216913
391	6	0	-9.999972	3.814394	-4.052272
392	1	0	-9.986168	2.937575	-2.094841
393	6	0	-3.144764	7.322908	-0.935278
394	6	0	-3.495844	6.701883	-3.351289
395	1	0	-3.541200	5.310504	-1.713991
396	1	0	-12.029841	5.064111	-2.325368
397	6	0	-12.473618	3.192818	-1.586211
398	6	0	-8.532785	3.497111	-4.275344
399	6	0	-10.861395	2.764070	-4.724683
400	1	0	-10.228693	4.816252	-4.515546
401	8	0	-3.617618	8.445520	-0.724543
402	7	0	-2.016813	6.836424	-0.351118
403	6	0	-4.138202	5.730952	-4.336037
404	6	0	-1.986404	6.689768	-3.509533
405	1	0	-3.873094	7.741255	-3.571821
406	6	0	-13.875187	3.655707	-1.214410
407	8	0	-12.089636	2.045610	-1.319037
408	1	0	-8.360000	3.216549	-5.342411
409	1	0	-7.896074	4.384256	-4.043291
410	1	0	-8.210252	2.645601	-3.624746
411	1	0	-10.555958	2.646610	-5.792803
412	1	0	-10.748044	1.778204	-4.211292
413	1	0	-11.938622	3.054639	-4.702103
414	1	0	-1.779853	5.848252	-0.475275
415	6	0	-1.280847	7.618808	0.646203
416	6	0	-4.199796	6.299172	-5.731511
417	1	0	-3.553570	4.771954	-4.342705
418	1	0	-5.180457	5.475307	-4.009345
419	1	0	-1.710956	6.727420	-4.591195
420	1	0	-1.531936	7.575398	-3.003545
421	1	0	-1.551100	5.760220	-3.064389
422	1	0	-14.600014	2.975666	-1.672573
423	1	0	-13.991460	3.580150	-0.128437
424	1	0	-14.093488	4.680598	-1.529537
425	6	0	0.233584	7.487711	0.349783
426	6	0	-1.519592	7.193228	2.098218
427	1	0	-1.616384	8.656809	0.530496
428	1	0	-4.681737	5.564473	-6.421390

429	1	0	-4.797503	7.242655	-5.748497
430	1	0	-3.177945	6.525565	-6.120852
431	8	0	0.719765	6.403797	0.005642
432	7	0	0.959376	8.622214	0.510786
433	6	0	-0.988382	8.245277	3.053024
434	6	0	-2.994169	6.961059	2.366088
435	1	0	-0.969678	6.224712	2.282948
436	1	0	0.505746	9.426371	0.932659
437	6	0	2.429236	8.630064	0.574054
438	1	0	-1.275923	7.984137	4.100887
439	1	0	0.125916	8.314160	3.013954
440	1	0	-1.415593	9.249173	2.813871
441	1	0	-3.179503	6.889673	3.465231
442	1	0	-3.603608	7.801939	1.952781
443	1	0	-3.336905	6.007668	1.895563
444	6	0	2.826615	8.973708	2.035875
445	6	0	3.078592	9.684420	-0.307920
446	1	0	2.787444	7.635881	0.286335
447	8	0	2.185582	9.820335	2.667264
448	7	0	3.931286	8.339280	2.516076
449	6	0	2.756317	9.533307	-1.750939
450	1	0	2.768703	10.708325	0.040366
451	1	0	4.190901	9.602789	-0.159648
452	1	0	4.271554	7.496450	2.043844
453	6	0	4.399874	8.652389	3.867665
454	6	0	1.659190	10.208093	-2.303412
455	6	0	3.562890	8.743420	-2.576817
456	6	0	5.936250	8.513936	3.948494
457	6	0	3.756680	7.857377	4.990082
458	1	0	4.124539	9.702243	4.039195
459	6	0	1.362927	10.100418	-3.656943
460	1	0	1.021351	10.830417	-1.656952
461	6	0	3.285441	8.623694	-3.935967
462	1	0	4.427198	8.210989	-2.150208
463	8	0	6.569929	7.657428	3.321731
464	7	0	6.534307	9.389946	4.795977
465	6	0	3.955383	6.360251	4.897862
466	1	0	4.177776	8.229866	5.962938
467	1	0	2.655185	8.083689	4.997646
468	6	0	2.182590	9.302361	-4.472746
469	1	0	0.504155	10.625369	-4.097782
470	1	0	3.920243	7.999643	-4.580349
471	1	0	5.965461	10.103753	5.230391

472	6	0	7.967353	9.370475	5.068138
473	6	0	3.429037	5.685511	6.147738
474	1	0	3.423708	5.956569	3.995007
475	1	0	5.046627	6.127209	4.763823
476	8	0	1.845383	9.236799	-5.804870
477	1	0	8.162229	9.917051	5.994694
478	1	0	8.306763	8.337487	5.185781
479	1	0	8.537899	9.833906	4.253889
480	6	0	3.643131	4.174838	6.073746
481	1	0	3.952908	6.096511	7.050467
482	1	0	2.336690	5.912957	6.263494
483	1	0	2.453639	8.619224	-6.236495
484	7	0	3.185644	3.479615	7.252279
485	1	0	3.148626	3.798125	5.125790
486	1	0	4.748930	3.968411	5.970639
487	1	0	2.220879	3.669858	7.434326
488	1	0	3.316186	2.493523	7.147728

P Pl (Ac-VQIVYK-NHMe)<sub>5</sub>

1	6	0	-5.856458	12.292806	5.270283
2	6	0	-6.836359	11.605383	4.327909
3	1	0	-6.166870	13.336029	5.391002
4	1	0	-5.928243	11.813674	6.252449
5	1	0	-4.823905	12.250848	4.912943
6	8	0	-8.047814	11.561696	4.562532
7	7	0	-6.265115	11.048714	3.216470
8	1	0	-5.252687	11.084069	3.088538
9	6	0	-7.077114	10.318500	2.239690
10	6	0	-6.759295	8.811354	2.389907
11	6	0	-6.828967	10.718640	0.788593
12	1	0	-8.122229	10.525497	2.501298
13	8	0	-5.612601	8.389143	2.179183
14	7	0	-7.781381	8.020358	2.791649
15	6	0	-7.799998	9.986588	-0.117793
16	6	0	-6.967834	12.214262	0.593215
17	1	0	-5.777322	10.413581	0.510088
18	1	0	-8.705607	8.421392	2.900882
19	6	0	-7.661730	6.572208	2.959486
20	1	0	-7.604185	10.258098	-1.183252
21	1	0	-7.685630	8.880036	-0.011747
22	1	0	-8.853982	10.261868	0.128166
23	1	0	-6.926696	12.460796	-0.495634
24	1	0	-7.941892	12.575981	1.002149
25	1	0	-6.140628	12.760451	1.106693
26	6	0	-8.604488	5.899558	1.941167
27	6	0	-8.011682	6.153419	4.402852
28	1	0	-6.623691	6.316986	2.737316
29	8	0	-9.783730	6.248297	1.840705
30	7	0	-8.030575	4.902150	1.208580
31	6	0	-7.670834	4.680469	4.696005
32	1	0	-7.444263	6.801688	5.082356
33	1	0	-9.076558	6.324699	4.595575
34	1	0	-7.016463	4.780591	1.249663
35	6	0	-8.760320	4.215540	0.133559
36	6	0	-8.045568	4.309520	6.132883
37	1	0	-8.252467	4.024510	4.036480
38	1	0	-6.608678	4.487217	4.508092
39	6	0	-8.458944	2.706453	0.289084
40	6	0	-8.362306	4.659746	-1.273967
41	1	0	-9.823820	4.434941	0.286622

42	8	0	-9.200507	4.412951	6.550844
43	7	0	-7.014273	3.851435	6.901479
44	8	0	-7.286166	2.311181	0.339467
45	7	0	-9.527769	1.878481	0.385676
46	6	0	-8.790073	6.100330	-1.529133
47	6	0	-8.978688	3.738372	-2.307047
48	1	0	-7.238463	4.589608	-1.365557
49	1	0	-7.220527	3.647003	7.869918
50	1	0	-6.048007	3.846046	6.581172
51	1	0	-10.465615	2.256515	0.325478
52	6	0	-9.395163	0.424797	0.591649
53	6	0	-7.976990	6.744841	-2.622914
54	1	0	-9.878275	6.119342	-1.803387
55	1	0	-8.682834	6.708522	-0.591030
56	1	0	-8.803396	4.147045	-3.332212
57	1	0	-8.518319	2.720991	-2.252587
58	1	0	-10.080333	3.641260	-2.150758
59	6	0	-10.164468	-0.295218	-0.548559
60	6	0	-9.947754	-0.056469	1.930562
61	1	0	-8.326036	0.196407	0.543466
62	1	0	-8.271518	7.816646	-2.736169
63	1	0	-6.886300	6.703326	-2.382496
64	1	0	-8.139458	6.229793	-3.600352
65	8	0	-11.339400	-0.015469	-0.796237
66	7	0	-9.429799	-1.234081	-1.211399
67	6	0	-9.740987	-1.554480	2.053358
68	6	0	-9.278995	0.651753	3.091173
69	1	0	-11.054497	0.157848	1.964701
70	1	0	-8.454394	-1.382806	-0.944808
71	6	0	-9.993840	-2.057793	-2.276037
72	1	0	-10.019130	-1.894681	3.079763
73	1	0	-10.378271	-2.101098	1.317258
74	1	0	-8.671547	-1.819807	1.864711
75	1	0	-9.631760	0.215619	4.057320
76	1	0	-8.169230	0.536406	3.033507
77	1	0	-9.522669	1.741244	3.094919
78	6	0	-9.756840	-3.558262	-1.958358
79	6	0	-9.409523	-1.802814	-3.663495
80	1	0	-11.070072	-1.842015	-2.302231
81	8	0	-8.754688	-3.940461	-1.339921
82	7	0	-10.708594	-4.397395	-2.437252
83	6	0	-10.071109	-0.665750	-4.357546
84	1	0	-8.302010	-1.613944	-3.591947

85	1	0	-9.539376	-2.729634	-4.288759
86	1	0	-11.411487	-4.020468	-3.064883
87	6	0	-10.511434	-5.851979	-2.520569
88	6	0	-9.565063	0.634171	-4.235868
89	6	0	-11.196344	-0.892994	-5.158636
90	6	0	-10.287336	-6.227245	-4.012185
91	6	0	-11.664208	-6.662384	-1.964263
92	1	0	-9.615100	-6.089482	-1.935028
93	6	0	-10.167184	1.697806	-4.898692
94	1	0	-8.684423	0.819442	-3.600273
95	6	0	-11.812202	0.157540	-5.832752
96	1	0	-11.598601	-1.912941	-5.261662
97	8	0	-10.893716	-5.633721	-4.910714
98	7	0	-9.412587	-7.245215	-4.202721
99	6	0	-13.008432	-6.321087	-2.571802
100	1	0	-11.432251	-7.747289	-2.143797
101	1	0	-11.711246	-6.512156	-0.850999
102	6	0	-11.294174	1.453570	-5.699992
103	1	0	-9.783059	2.722667	-4.793673
104	1	0	-12.696627	-0.025734	-6.458473
105	1	0	-8.850940	-7.555505	-3.409638
106	6	0	-9.101016	-7.757981	-5.528146
107	6	0	-14.049648	-7.351233	-2.189046
108	1	0	-13.339208	-5.308316	-2.219606
109	1	0	-12.915561	-6.270322	-3.690451
110	8	0	-11.840877	2.541946	-6.340924
111	1	0	-9.139197	-8.853776	-5.532166
112	1	0	-9.839413	-7.367706	-6.231625
113	1	0	-8.102306	-7.440524	-5.856677
114	6	0	-15.406260	-6.971451	-2.780807
115	1	0	-13.740691	-8.361716	-2.564853
116	1	0	-14.122211	-7.417246	-1.071788
117	1	0	-12.636730	2.244878	-6.805279
118	7	0	-16.443622	-7.934991	-2.498324
119	1	0	-15.668634	-5.933934	-2.412854
120	1	0	-15.306439	-6.906419	-3.902410
121	1	0	-16.487295	-8.141843	-1.520481
122	1	0	-17.331417	-7.587188	-2.800649
123	1	0	-4.064060	7.468808	1.994822
124	7	0	-3.130608	7.071978	1.844984
125	6	0	-2.150563	7.863484	1.359967
126	6	0	-2.919305	5.662407	2.170832
127	6	0	-2.548937	9.336520	1.096972

128	8	0	-0.987993	7.481079	1.143771
129	6	0	-3.904336	4.817633	1.338754
130	6	0	-3.130201	5.412420	3.676901
131	1	0	-1.893494	5.416965	1.888568
132	7	0	-1.666596	10.188649	1.906721
133	6	0	-2.462859	9.598320	-0.405163
134	1	0	-3.574573	9.520349	1.435282
135	8	0	-5.127598	4.941644	1.496113
136	7	0	-3.333091	3.960826	0.460641
137	6	0	-2.824452	3.958621	4.086676
138	1	0	-2.474076	6.098473	4.226377
139	1	0	-4.163469	5.656410	3.944889
140	1	0	-0.659965	10.146661	1.735251
141	6	0	-2.146339	11.087229	2.805128
142	6	0	-3.427773	8.686647	-1.138370
143	6	0	-2.773917	11.044942	-0.729631
144	1	0	-1.413511	9.365316	-0.751581
145	1	0	-2.313224	3.911961	0.403634
146	6	0	-4.131299	3.102313	-0.427954
147	6	0	-3.100072	3.746284	5.571851
148	1	0	-3.484848	3.272014	3.542793
149	1	0	-1.787433	3.701124	3.845231
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151	8	0	-3.354192	11.261933	3.030862
152	1	0	-3.417438	8.918533	-2.230573
153	1	0	-3.137937	7.615955	-1.003613
154	1	0	-4.468168	8.825512	-0.754299
155	1	0	-2.820389	11.186117	-1.836760
156	1	0	-3.758639	11.341446	-0.292212
157	1	0	-1.985747	11.723308	-0.324285
158	6	0	-3.793451	1.634318	-0.059024
159	6	0	-3.865752	3.308123	-1.917909
160	1	0	-5.184920	3.314705	-0.218481
161	8	0	-4.246995	3.813781	6.033349
162	7	0	-2.014648	3.487992	6.343606
163	1	0	-1.308313	12.945504	3.446747
164	1	0	-1.167477	11.636072	4.623222
165	1	0	-0.074144	11.668425	3.206169
166	8	0	-2.622422	1.226104	-0.130976
167	7	0	-4.834461	0.884343	0.364014
168	6	0	-4.031447	4.766386	-2.324150
169	6	0	-4.817324	2.428484	-2.706715
170	1	0	-2.805484	2.990703	-2.140289

171	1	0	-2.163343	3.387449	7.338832
172	1	0	-1.067826	3.461944	5.965451
173	1	0	-5.767990	1.303365	0.397736
174	6	0	-4.668788	-0.505318	0.816636
175	6	0	-3.579516	5.019638	-3.740530
176	1	0	-5.109044	5.061869	-2.210666
177	1	0	-3.432845	5.425579	-1.640771
178	1	0	-4.625782	2.527949	-3.803813
179	1	0	-4.676551	1.353129	-2.435010
180	1	0	-5.878470	2.713204	-2.500337
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182	6	0	-5.144363	-0.740464	2.248484
183	1	0	-3.601467	-0.740062	0.746713
184	1	0	-3.594656	6.116064	-3.954706
185	1	0	-2.538533	4.644189	-3.895949
186	1	0	-4.249064	4.511810	-4.475820
187	8	0	-6.701549	-1.268187	-0.273830
188	7	0	-4.765645	-2.416029	-0.715226
189	6	0	-4.942609	-2.195994	2.624524
190	6	0	-4.407581	0.150821	3.226923
191	1	0	-6.247933	-0.506108	2.303124
192	1	0	-3.754718	-2.459425	-0.565083
193	6	0	-5.380313	-3.432353	-1.575877
194	1	0	-5.208147	-2.352793	3.697993
195	1	0	-5.593149	-2.858155	2.002971
196	1	0	-3.877504	-2.498166	2.473856
197	1	0	-4.705194	-0.104159	4.273111
198	1	0	-3.303289	0.012970	3.128248
199	1	0	-4.649519	1.226657	3.050835
200	6	0	-5.234348	-4.813083	-0.886704
201	6	0	-4.731102	-3.565656	-2.944388
202	1	0	-6.436938	-3.168725	-1.690504
203	8	0	-4.112449	-5.239176	-0.566559
204	7	0	-6.386896	-5.489212	-0.689787
205	6	0	-4.819483	-2.327408	-3.761224
206	1	0	-3.650179	-3.857169	-2.818763
207	1	0	-5.244501	-4.410818	-3.480010
208	1	0	-7.276579	-5.043247	-0.926549
209	6	0	-6.390324	-6.824867	-0.079321
210	6	0	-3.835850	-1.335867	-3.638854
211	6	0	-5.863053	-2.151820	-4.675322
212	6	0	-6.750914	-7.900072	-1.136379
213	6	0	-7.301153	-6.956502	1.123627



214	1	0	-5.363139	-7.003590	0.263446
215	6	0	-3.883889	-0.187076	-4.419385
216	1	0	-3.018223	-1.466466	-2.910031
217	6	0	-5.930000	-1.007028	-5.466138
218	1	0	-6.642145	-2.923659	-4.774582
219	8	0	-7.713263	-7.769562	-1.909512
220	7	0	-5.945259	-8.982749	-1.126572
221	6	0	-8.766911	-6.699019	0.849397
222	1	0	-7.174845	-7.996817	1.530339
223	1	0	-6.948216	-6.243779	1.919277
224	6	0	-4.938126	-0.026181	-5.334382
225	1	0	-3.118346	0.597009	-4.325407
226	1	0	-6.754519	-0.872225	-6.180165
227	1	0	-5.098588	-8.967639	-0.555895
228	6	0	-6.156775	-10.101710	-2.033440
229	6	0	-9.580570	-6.922962	2.107366
230	1	0	-8.916055	-5.646849	0.483836
231	1	0	-9.124458	-7.382379	0.032579
232	8	0	-4.935128	1.133893	-6.076026
233	1	0	-5.619579	-10.974322	-1.651174
234	1	0	-7.223774	-10.333922	-2.098035
235	1	0	-5.794715	-9.879151	-3.046129
236	6	0	-11.068304	-6.727456	1.822591
237	1	0	-9.404190	-7.960222	2.495964
238	1	0	-9.243624	-6.206923	2.902559
239	1	0	-5.731107	1.136709	-6.627404
240	7	0	-11.904328	-6.907394	2.986191
241	1	0	-11.202380	-5.709743	1.346318
242	1	0	-11.393194	-7.493862	1.060572
243	1	0	-11.556522	-6.384759	3.765261
244	1	0	-12.840722	-6.616370	2.788208
245	1	0	3.806360	3.145534	5.071037
246	7	0	2.873054	3.181716	5.481001
247	6	0	1.751371	3.302916	4.729771
248	1	0	2.766603	3.201973	6.486571
249	6	0	1.960032	3.342944	3.219896
250	8	0	0.619915	3.385008	5.228692
251	6	0	1.591737	4.730104	2.657913
252	1	0	1.303767	2.577158	2.787779
253	1	0	2.995237	3.088902	2.966940
254	6	0	1.743535	4.820443	1.126987
255	1	0	2.241893	5.493088	3.103221
256	1	0	0.560815	4.974385	2.934449

257	7	0	1.479591	6.182788	0.672008
258	6	0	0.755324	3.870981	0.421691
259	1	0	2.765671	4.573117	0.833548
260	6	0	2.401646	6.925176	0.024990
261	1	0	0.555640	6.585804	0.865137
262	8	0	-0.465975	4.006504	0.583200
263	7	0	1.320928	2.918117	-0.351975
264	6	0	1.955819	8.360764	-0.344996
265	8	0	3.548399	6.530391	-0.250214
266	1	0	2.340049	2.874091	-0.423370
267	6	0	0.526896	1.926949	-1.096976
268	7	0	2.865206	9.295681	0.332883
269	6	0	1.947786	8.488476	-1.865994
270	1	0	0.948486	8.556788	0.039085
271	6	0	0.881013	0.539138	-0.504269
272	6	0	0.799306	1.909358	-2.598563
273	1	0	-0.529842	2.156973	-0.923461
274	1	0	3.858965	9.261688	0.097613
275	6	0	2.426931	10.223605	1.221595
276	6	0	0.963292	7.496920	-2.456149
277	6	0	1.582786	9.893692	-2.298059
278	1	0	2.980202	8.244164	-2.252872
279	8	0	2.055212	0.131539	-0.518631
280	7	0	-0.151487	-0.137244	0.042403
281	6	0	0.459280	3.249724	-3.237356
282	6	0	-0.011490	0.797719	-3.237042
283	1	0	1.895583	1.695699	-2.762817
284	6	0	3.512357	11.094566	1.837207
285	8	0	1.235892	10.368765	1.539634
286	1	0	0.920016	7.617281	-3.565385
287	1	0	1.274078	6.448228	-2.227722
288	1	0	-0.060210	7.664690	-2.039948
289	1	0	1.476063	9.935059	-3.409266
290	1	0	0.613841	10.205224	-1.836868
291	1	0	2.372024	10.622595	-1.995852
292	1	0	-1.089849	0.276074	0.020543
293	6	0	0.034200	-1.430776	0.714541
294	6	0	1.000077	3.364839	-4.640345
295	1	0	-0.656297	3.380743	-3.247937
296	1	0	0.884086	4.087498	-2.622978
297	1	0	0.143169	0.790094	-4.343568
298	1	0	0.305553	-0.199137	-2.841312
299	1	0	-1.101453	0.934402	-3.030564

300	1	0	3.252175	12.144281	1.666272
301	1	0	3.515350	10.928926	2.920050
302	1	0	4.503902	10.885119	1.428215
303	6	0	-0.782498	-2.504625	-0.047303
304	6	0	-0.421445	-1.432804	2.172288
305	1	0	1.102552	-1.667070	0.672628
306	1	0	0.823193	4.395267	-5.033944
307	1	0	2.099298	3.164110	-4.657733
308	1	0	0.500687	2.639387	-5.326866
309	8	0	-1.996466	-2.353424	-0.240552
310	7	0	-0.074556	-3.581258	-0.455107
311	6	0	-0.180571	-2.799315	2.784679
312	6	0	0.305359	-0.374017	2.975954
313	1	0	-1.529309	-1.214821	2.203794
314	1	0	0.929084	-3.620321	-0.260698
315	6	0	-0.700786	-4.756346	-1.078122
316	1	0	-0.394020	-2.766803	3.880651
317	1	0	-0.848473	-3.564860	2.320332
318	1	0	0.880788	-3.116948	2.637494
319	1	0	0.032867	-0.460361	4.055936
320	1	0	1.411331	-0.497737	2.877672
321	1	0	0.028540	0.651112	2.630397
322	6	0	-0.553703	-5.927401	-0.074859
323	6	0	-0.040500	-5.198589	-2.372759
324	1	0	-1.755425	-4.517560	-1.254166
325	8	0	0.579977	-6.266450	0.305206
326	7	0	-1.698717	-6.509899	0.343001
327	6	0	-0.091151	-4.174681	-3.448709
328	1	0	1.033262	-5.473273	-2.169415
329	1	0	-0.564713	-6.133787	-2.712716
330	1	0	-2.601491	-6.127151	0.045837
331	6	0	-1.658725	-7.550254	1.379081
332	6	0	0.874859	-3.159995	-3.500045
333	6	0	-1.077876	-4.234297	-4.438149
334	6	0	-2.383413	-8.831603	0.911345
335	6	0	-2.191828	-7.114886	2.728647
336	1	0	-0.598149	-7.787063	1.521357
337	6	0	0.864945	-2.219061	-4.522926
338	1	0	1.650359	-3.104766	-2.718041
339	6	0	-1.102293	-3.304213	-5.474485
340	1	0	-1.846036	-5.022013	-4.399910
341	8	0	-3.508248	-8.814860	0.388949
342	7	0	-1.687911	-9.966051	1.147212

343	6	0	-3.626440	-6.635602	2.739983
344	1	0	-2.083517	-7.983472	3.434274
345	1	0	-1.528309	-6.290686	3.114516
346	6	0	-0.128732	-2.296909	-5.513101
347	1	0	1.615809	-1.416446	-4.565061
348	1	0	-1.881964	-3.352912	-6.247335
349	1	0	-0.735208	-9.890113	1.504615
350	6	0	-2.221921	-11.279551	0.818339
351	6	0	-4.021999	-6.239238	4.148175
352	1	0	-3.751416	-5.760890	2.046646
353	1	0	-4.301178	-7.449531	2.360952
354	8	0	-0.081071	-1.345868	-6.507161
355	1	0	-1.669609	-12.039198	1.378777
356	1	0	-3.280518	-11.331835	1.089833
357	1	0	-2.132803	-11.497404	-0.254228
358	6	0	-5.450802	-5.701697	4.176557
359	1	0	-3.936553	-7.126375	4.829457
360	1	0	-3.310090	-5.459392	4.530816
361	1	0	-0.870295	-1.451477	-7.058227
362	7	0	-5.888611	-5.313977	5.496539
363	1	0	-5.520160	-4.851410	3.430381
364	1	0	-6.147263	-6.515453	3.821450
365	1	0	-5.248062	-4.669570	5.914856
366	1	0	-6.795568	-4.894346	5.452594
367	1	0	8.659266	2.813489	4.089450
368	7	0	7.738139	2.910232	4.511847
369	6	0	6.594706	2.914747	3.783154
370	1	0	7.658117	3.039062	5.511858
371	6	0	6.759450	2.760039	2.274941
372	8	0	5.476675	3.042829	4.300885
373	6	0	6.295758	4.033907	1.542314
374	1	0	6.138284	1.906253	1.975884
375	1	0	7.799062	2.525361	2.020717
376	6	0	6.370883	3.916217	0.005621
377	1	0	6.924814	4.880950	1.842175
378	1	0	5.267799	4.269211	1.836698
379	7	0	6.035943	5.197184	-0.611805
380	6	0	5.386704	2.845635	-0.505175
381	1	0	7.386928	3.664114	-0.302746
382	1	0	5.102181	5.589791	-0.444544
383	6	0	6.916274	5.890539	-1.364091
384	8	0	4.168221	2.995634	-0.340966
385	7	0	5.947983	1.771102	-1.104613

386	6	0	6.407711	7.254088	-1.895659
387	8	0	8.070232	5.501354	-1.621811
388	1	0	6.963605	1.736626	-1.207944
389	6	0	5.150147	0.656678	-1.649706
390	7	0	7.317073	8.304151	-1.411712
391	6	0	6.305843	7.168593	-3.416184
392	1	0	5.417938	7.474815	-1.480501
393	6	0	5.545473	-0.613631	-0.851288
394	6	0	5.380519	0.395790	-3.135331
395	1	0	4.095243	0.899132	-1.482488
396	6	0	6.890741	9.326115	-0.622845
397	1	0	8.287131	8.300789	-1.728178
398	6	0	5.322029	6.079571	-3.800160
399	6	0	5.869403	8.490322	-4.013789
400	1	0	7.321018	6.898589	-3.830314
401	8	0	6.723976	-1.009478	-0.844450
402	7	0	4.541126	-1.202562	-0.164261
403	6	0	4.978338	1.599227	-3.978092
404	6	0	4.593674	-0.832526	-3.552058
405	1	0	6.478589	0.189589	-3.297166
406	6	0	7.960980	10.326863	-0.213914
407	8	0	5.719670	9.452523	-0.234213
408	1	0	5.182096	6.065412	-4.907851
409	1	0	5.698444	5.077186	-3.480844
410	1	0	4.329890	6.258794	-3.317711
411	1	0	5.695603	8.373301	-5.111093
412	1	0	4.919691	8.839318	-3.539707
413	1	0	6.650712	9.273556	-3.866424
414	1	0	3.598531	-0.802202	-0.217381
415	6	0	4.779105	-2.340786	0.735836
416	6	0	5.514361	1.510601	-5.384927
417	1	0	3.858026	1.676038	-4.002161
418	1	0	5.362589	2.544123	-3.509912
419	1	0	4.676557	-0.990630	-4.654827
420	1	0	4.993089	-1.745670	-3.044274
421	1	0	3.513373	-0.718890	-3.288938
422	1	0	7.610301	11.330842	-0.473573
423	1	0	8.069643	10.289100	0.875636
424	1	0	8.925970	10.134486	-0.688457
425	6	0	3.918776	-3.543854	0.272131
426	6	0	4.430558	-2.048849	2.194876
427	1	0	5.843752	-2.586324	0.663363
428	1	0	5.282830	2.451044	-5.941544

429	1	0	6.622781	1.368114	-5.377157
430	1	0	5.055985	0.656111	-5.938780
431	8	0	2.693594	-3.426880	0.133965
432	7	0	4.603891	-4.691932	0.068221
433	6	0	4.775087	-3.245880	3.059989
434	6	0	5.163356	-0.823622	2.702129
435	1	0	3.319063	-1.861084	2.266421
436	1	0	5.623700	-4.681186	0.133856
437	6	0	3.950557	-5.964373	-0.279182
438	1	0	4.602146	-2.998857	4.135733
439	1	0	4.138016	-4.124579	2.796963
440	1	0	5.847747	-3.530643	2.930184
441	1	0	5.002392	-0.709761	3.801784
442	1	0	6.260424	-0.915189	2.511471
443	1	0	4.788666	0.101126	2.200673
444	6	0	4.095857	-6.907725	0.943896
445	6	0	4.587344	-6.674568	-1.461373
446	1	0	2.895910	-5.751913	-0.485661
447	8	0	5.230200	-7.242864	1.329069
448	7	0	2.947574	-7.301764	1.539690
449	6	0	4.626236	-5.855503	-2.700932
450	1	0	5.636984	-6.982422	-1.188055
451	1	0	4.000077	-7.616047	-1.642908
452	1	0	2.046668	-6.969241	1.181445
453	6	0	2.996176	-8.124775	2.754082
454	6	0	5.670474	-4.942173	-2.906353
455	6	0	3.646142	-6.012222	-3.685870
456	6	0	2.173136	-9.423609	2.588565
457	6	0	2.594827	-7.412321	4.029769
458	1	0	4.048625	-8.402914	2.874462
459	6	0	5.738812	-4.191832	-4.074166
460	1	0	6.446287	-4.813726	-2.131347
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462	1	0	2.819952	-6.722961	-3.529721
463	8	0	1.019606	-9.442513	2.133698
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465	6	0	1.199264	-6.829258	4.048240
466	1	0	2.700546	-8.148631	4.873401
467	1	0	3.337082	-6.586720	4.220636
468	6	0	4.746986	-4.361779	-5.054845
469	1	0	6.553527	-3.471297	-4.240163
470	1	0	2.925413	-5.398022	-5.635106
471	1	0	3.791803	-10.447580	3.306603

472	6	0	2.198177	-11.848878	2.969409
473	6	0	0.917183	-6.227939	5.410871
474	1	0	1.096392	-6.042612	3.253994
475	1	0	0.447762	-7.630490	3.812013
476	8	0	4.868175	-3.594297	-6.190968
477	1	0	2.826108	-12.553763	3.520994
478	1	0	1.206708	-11.815474	3.433130
479	1	0	2.081939	-12.210025	1.939759
480	6	0	-0.490321	-5.639284	5.467431
481	1	0	1.029421	-7.015202	6.202375
482	1	0	1.675256	-5.428521	5.629689
483	1	0	4.090039	-3.756192	-6.744201
484	7	0	-0.819881	-5.077542	6.755137
485	1	0	-0.587819	-4.884941	4.626524
486	1	0	-1.236787	-6.461641	5.261433
487	1	0	-0.157845	-4.379265	7.027117
488	1	0	-1.736220	-4.677115	6.736036
489	1	0	13.514290	2.111903	3.091471
490	7	0	12.627133	2.303978	3.532085
491	6	0	11.460193	2.323749	2.826586
492	1	0	12.602890	2.518757	4.520326
493	6	0	11.565529	2.014562	1.337570
494	8	0	10.380311	2.577614	3.365768
495	6	0	11.053637	3.200849	0.498154
496	1	0	10.948296	1.123659	1.163371
497	1	0	12.594856	1.758276	1.057829
498	6	0	11.023226	2.924051	-1.022322
499	1	0	11.696356	4.074081	0.660260
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501	7	0	10.602407	4.112013	-1.751218
502	6	0	10.031663	1.792917	-1.337448
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505	1	0	9.625073	4.413607	-1.682094
506	8	0	8.816836	1.983902	-1.196744
507	7	0	10.565909	0.618780	-1.742920
508	6	0	10.863740	6.106347	-3.149341
509	8	0	12.706330	4.675141	-2.472820
510	1	0	11.572367	0.505784	-1.765514
511	6	0	9.762333	-0.595945	-1.973136
512	7	0	11.774114	7.237270	-2.926512
513	6	0	10.640405	5.755454	-4.618831
514	1	0	9.899367	6.366324	-2.700471

515	6	0	10.239675	-1.640659	-0.925882
516	6	0	9.908349	-1.174330	-3.377415
517	1	0	8.714007	-0.329979	-1.801903
518	6	0	11.371405	8.427882	-2.411663
519	1	0	12.761788	7.036682	-3.028414
520	6	0	9.620444	4.636944	-4.726620
521	6	0	10.164865	6.962616	-5.402419
522	1	0	11.614684	5.401419	-5.061699
523	8	0	11.445108	-1.790958	-0.697112
524	7	0	9.242688	-2.328228	-0.306065
525	6	0	9.418853	-0.190125	-4.434165
526	6	0	9.125300	-2.471601	-3.465621
527	1	0	10.997125	-1.396468	-3.568633
528	6	0	12.475940	9.443039	-2.155094
529	8	0	10.188287	8.696625	-2.160428
530	1	0	9.280453	4.529955	-5.785009
531	1	0	10.063893	3.663912	-4.405716
532	1	0	8.729482	4.852710	-4.084757
533	1	0	9.891539	6.659407	-6.442278
534	1	0	9.267052	7.415852	-4.915724
535	1	0	10.964038	7.738900	-5.466533
536	1	0	8.272235	-2.037502	-0.453048
537	6	0	9.535087	-3.299071	0.752840
538	6	0	9.969808	-0.509601	-5.801116
539	1	0	8.296211	-0.209749	-4.464455
540	1	0	9.719247	0.856521	-4.164497
541	1	0	9.029611	-2.793627	-4.530715
542	1	0	9.645596	-3.282996	-2.901930
543	1	0	8.098676	-2.341284	-3.040497
544	1	0	12.266716	10.341833	-2.743807
545	1	0	12.450733	9.727068	-1.098317
546	1	0	13.474939	9.073761	-2.406238
547	6	0	8.646149	-4.547549	0.529508
548	6	0	9.288697	-2.789083	2.175857
549	1	0	10.598691	-3.549056	0.654947
550	1	0	9.590106	0.229664	-6.547623
551	1	0	11.085933	-0.465481	-5.798067
552	1	0	9.661180	-1.530552	-6.132001
553	8	0	7.459904	-4.428648	0.199816
554	7	0	9.255629	-5.741742	0.734366
555	6	0	9.907873	-3.732091	3.189717
556	6	0	9.856077	-1.395357	2.364545
557	1	0	8.174723	-2.745617	2.353272



558	1	0	10.185322	-5.743264	1.141724
559	6	0	8.517438	-7.007533	0.861341
560	1	0	9.810446	-3.300324	4.215781
561	1	0	9.402388	-4.728217	3.189829
562	1	0	10.993634	-3.884584	2.976562
563	1	0	9.887933	-1.136503	3.450582
564	1	0	10.892474	-1.335684	1.950195
565	1	0	9.221669	-0.635858	1.846489
566	6	0	8.644373	-7.471071	2.338505
567	1	0	7.472761	-6.820696	0.590726
568	8	0	9.706033	-7.306899	2.948288
569	7	0	7.560785	-8.112634	2.857130
570	6	0	9.118301	-7.832231	-1.442547
571	1	0	6.645762	-7.991507	2.413448
572	6	0	7.635337	-8.627564	4.226539
573	6	0	10.255205	-7.236254	-2.005416
574	6	0	6.682390	-9.830601	4.399231
575	6	0	7.381314	-7.611526	5.326183
576	1	0	8.670979	-8.969714	4.360802
577	6	0	10.323960	-6.976404	-3.368855
578	1	0	11.105303	-6.968337	-1.359193
579	8	0	5.594929	-9.919122	3.817928
580	7	0	7.121366	-10.771219	5.274206
581	6	0	6.018307	-6.957402	5.272950
582	1	0	7.508831	-8.128493	6.315293
583	1	0	8.175736	-6.817751	5.261354
584	6	0	9.233268	-7.322153	-4.184472
585	1	0	11.211177	-6.508703	-3.817750
586	1	0	8.045081	-10.665655	5.670966
587	6	0	6.330697	-11.942703	5.635520
588	6	0	5.819616	-6.060292	6.476870
589	1	0	5.916926	-6.355902	4.330504
590	1	0	5.218039	-7.745863	5.242575
591	8	0	9.358859	-7.047370	-5.526560
592	1	0	6.717345	-12.360214	6.569000
593	1	0	5.286190	-11.652750	5.780798
594	1	0	6.373540	-12.713144	4.855900
595	6	0	4.439306	-5.407516	6.434186
596	1	0	5.925028	-6.659863	7.418981
597	1	0	6.617077	-5.271609	6.492136
598	1	0	8.524956	-7.283184	-5.958652
599	7	0	4.173180	-4.568343	7.577147
600	1	0	4.346923	-4.848233	5.452378

601	1	0	3.654295	-6.219846	6.423401
602	1	0	4.873883	-3.862307	7.680088
603	1	0	3.275459	-4.136087	7.490216
604	6	0	8.090513	-7.921914	-3.637401
605	1	0	7.240596	-8.187004	-4.281636
606	6	0	8.041307	-8.170683	-2.268312
607	1	0	7.144589	-8.639595	-1.834171
608	6	0	9.076521	-8.137533	0.011243
609	1	0	8.426962	-9.038821	0.189064
610	1	0	10.112352	-8.395938	0.366949

P PI (Ac-VQIVYK-NHMe)<sub>6</sub>

1	6	0	-10.002643	11.162988	5.763445
2	6	0	-10.832234	10.445080	4.706574
3	1	0	-10.469754	12.131459	5.971304
4	1	0	-10.038203	10.576576	6.687637
5	1	0	-8.962823	11.309465	5.458309
6	8	0	-12.029758	10.193755	4.873628
7	7	0	-10.145857	10.109702	3.572185
8	1	0	-9.143476	10.293897	3.505594
9	6	0	-10.802976	9.371286	2.489658
10	6	0	-10.310438	7.905520	2.552931
11	6	0	-10.517801	9.915278	1.094057
12	1	0	-11.879640	9.430590	2.691904
13	8	0	-9.119842	7.635198	2.335869
14	7	0	-11.233669	6.977391	2.896228
15	6	0	-11.332598	9.147113	0.070954
16	6	0	-10.829851	11.394314	0.998827
17	1	0	-9.421279	9.761228	0.868879
18	1	0	-12.195036	7.264457	3.038272
19	6	0	-10.935774	5.550225	3.017315
20	1	0	-11.096275	9.515062	-0.956534
21	1	0	-11.097836	8.055441	0.116405
22	1	0	-12.425819	9.285175	0.252332
23	1	0	-10.751265	11.731430	-0.063366
24	1	0	-11.865303	11.602519	1.361189
25	1	0	-10.111437	11.992037	1.609471
26	6	0	-11.749656	4.796528	1.945700
27	6	0	-11.277898	5.037763	4.431447
28	1	0	-9.866831	5.438540	2.824476
29	8	0	-12.967842	4.958869	1.841177
30	7	0	-11.016680	3.943142	1.173205
31	6	0	-10.794000	3.597354	4.679383
32	1	0	-10.802216	5.713167	5.153636
33	1	0	-12.360184	5.088188	4.594511
34	1	0	-9.996440	3.973826	1.230276
35	6	0	-11.621158	3.194588	0.061542
36	6	0	-11.161603	3.136563	6.092184
37	1	0	-11.291917	2.911777	3.982169
38	1	0	-9.713591	3.519853	4.512663
39	6	0	-11.099942	1.743144	0.180235
40	6	0	-11.270658	3.733052	-1.324897
41	1	0	-12.707487	3.251606	0.200873

42	8	0	-12.331403	3.094342	6.478328
43	7	0	-10.105230	2.773427	6.877013
44	8	0	-9.882089	1.517847	0.144239
45	7	0	-12.030944	0.772543	0.350928
46	6	0	-11.852897	5.125751	-1.533693
47	6	0	-11.781883	2.785600	-2.391784
48	1	0	-10.145760	3.789312	-1.410577
49	1	0	-10.311922	2.514830	7.832290
50	1	0	-9.137114	2.886872	6.583226
51	1	0	-13.014179	1.014856	0.374798
52	6	0	-11.677625	-0.644413	0.555226
53	6	0	-11.146208	5.873674	-2.635662
54	1	0	-12.945424	5.036813	-1.774970
55	1	0	-11.778100	5.723011	-0.585755
56	1	0	-11.602004	3.221435	-3.404740
57	1	0	-11.251532	1.803104	-2.334764
58	1	0	-12.878364	2.606805	-2.275122
59	6	0	-12.438376	-1.483921	-0.505730
60	6	0	-12.040794	-1.173731	1.940134
61	1	0	-10.595565	-0.721562	0.411907
62	1	0	-11.556825	6.909357	-2.718142
63	1	0	-10.050626	5.944571	-2.426575
64	1	0	-11.282090	5.363006	-3.619436
65	8	0	-13.663635	-1.401248	-0.616890
66	7	0	-11.641226	-2.291569	-1.263421
67	6	0	-11.565054	-2.608182	2.073146
68	6	0	-11.430987	-0.326315	3.037990
69	1	0	-13.163307	-1.155621	2.050532
70	1	0	-10.630663	-2.279648	-1.113098
71	6	0	-12.189880	-3.192153	-2.271972
72	1	0	-11.753263	-2.976628	3.110207
73	1	0	-12.110084	-3.271624	1.359422
74	1	0	-10.469864	-2.679803	1.860682
75	1	0	-11.604864	-0.807306	4.031247
76	1	0	-10.329902	-0.216734	2.883819
77	1	0	-11.888854	0.691833	3.063405
78	6	0	-11.671591	-4.634918	-2.030858
79	6	0	-11.846385	-2.834390	-3.715250
80	1	0	-13.281242	-3.159886	-2.155670
81	8	0	-10.552921	-4.855712	-1.548922
82	7	0	-12.529433	-5.612591	-2.417722
83	6	0	-12.718778	-1.757968	-4.256175
84	1	0	-10.765622	-2.528650	-3.796633

85	1	0	-11.971911	-3.752820	-4.353851
86	1	0	-13.354659	-5.346116	-2.944982
87	6	0	-12.114842	-7.013851	-2.573943
88	6	0	-12.331963	-0.415162	-4.166490
89	6	0	-13.928471	-2.084161	-4.880467
90	6	0	-12.024628	-7.328763	-4.093269
91	6	0	-13.042802	-8.008618	-1.907183
92	1	0	-11.124879	-7.111280	-2.112494
93	6	0	-13.133851	0.593502	-4.688937
94	1	0	-11.385225	-0.151873	-3.668105
95	6	0	-14.744596	-1.089799	-5.411942
96	1	0	-14.239159	-3.137812	-4.955698
97	8	0	-12.820529	-6.824135	-4.892656
98	7	0	-11.036034	-8.196753	-4.421153
99	6	0	-14.489642	-7.886468	-2.336301
100	1	0	-12.662517	-9.038708	-2.146475
101	1	0	-12.974057	-7.879316	-0.792422
102	6	0	-14.343452	0.250019	-5.313933
103	1	0	-12.840646	1.650418	-4.607972
104	1	0	-15.694727	-1.350946	-5.898044
105	1	0	-10.343184	-8.429204	-3.709496
106	6	0	-10.816420	-8.636517	-5.790350
107	6	0	-15.294957	-9.076445	-1.859584
108	1	0	-14.932685	-6.944547	-1.917178
109	1	0	-14.546680	-7.811165	-3.455940
110	8	0	-15.090060	1.288483	-5.822439
111	1	0	-10.670021	-9.722634	-5.822966
112	1	0	-11.694390	-8.371743	-6.383334
113	1	0	-9.936482	-8.150304	-6.232620
114	6	0	-16.758713	-8.917597	-2.268123
115	1	0	-14.877505	-10.019208	-2.300800
116	1	0	-15.214125	-9.164242	-0.744366
117	1	0	-15.918206	0.920430	-6.162892
118	7	0	-17.583769	-10.040011	-1.888721
119	1	0	-17.135748	-7.940264	-1.839972
120	1	0	-16.813262	-8.826719	-3.391039
121	1	0	-17.468590	-10.261047	-0.919809
122	1	0	-18.547032	-9.838020	-2.067333
123	1	0	-7.456226	6.944644	2.195049
124	7	0	-6.469949	6.682972	2.094013
125	6	0	-5.570254	7.628370	1.749287
126	6	0	-6.093609	5.294172	2.355374
127	6	0	-6.138406	9.054991	1.549248

128	8	0	-4.354034	7.415659	1.608969
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131	1	0	-5.032641	5.197870	2.116876
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135	8	0	-8.155926	4.344981	1.519614
136	7	0	-6.201126	3.659763	0.537562
137	6	0	-5.867513	3.508446	4.183997
138	1	0	-5.806495	5.663611	4.450748
139	1	0	-7.408682	5.026674	4.056571
140	1	0	-4.406884	10.045513	2.359119
141	6	0	-6.058782	10.707906	3.394251
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145	1	0	-5.182077	3.747249	0.533542
146	6	0	-6.835660	2.772214	-0.450294
147	6	0	-6.187172	3.171471	5.636993
148	1	0	-6.402780	2.775833	3.566979
149	1	0	-4.795025	3.400726	3.989849
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155	1	0	-6.476131	11.051219	-1.279602
156	1	0	-7.513776	10.984031	0.206570
157	1	0	-5.805124	11.583374	0.313916
158	6	0	-6.317174	1.338871	-0.169441
159	6	0	-6.528272	3.129463	-1.902705
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162	7	0	-5.118119	2.971099	6.446868
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165	1	0	-4.107553	11.529260	3.951911
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168	6	0	-6.987050	4.542844	-2.237557
169	6	0	-7.210449	2.124572	-2.811624
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171	1	0	-5.301928	2.781785	7.423123
172	1	0	-4.156552	3.064112	6.118627
173	1	0	-8.243905	0.716820	0.176658
174	6	0	-6.922505	-0.952538	0.528725
175	6	0	-6.413464	5.034780	-3.542658
176	1	0	-8.109152	4.565926	-2.282629
177	1	0	-6.675567	5.252089	-1.425273
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185	1	0	-5.299251	4.948408	-3.542142
186	1	0	-6.810147	4.448649	-4.406278
187	8	0	-8.854407	-1.907973	-0.590936
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189	6	0	-6.969178	-2.756154	2.244922
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192	1	0	-5.788007	-2.723392	-0.931245
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195	1	0	-7.553865	-3.461059	1.605146
196	1	0	-5.880211	-2.919956	2.054736
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201	6	0	-6.724385	-3.835605	-3.376398
202	1	0	-8.386080	-3.751645	-2.011536
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212	6	0	-8.020689	-8.503416	-1.630169
213	6	0	-8.446520	-7.692101	0.704819

214	1	0	-6.623716	-7.461446	-0.347961
215	6	0	-7.129002	-0.472142	-5.069768
216	1	0	-5.754535	-1.307506	-3.630187
217	6	0	-8.919904	-1.950691	-5.815974
218	1	0	-8.925566	-3.932186	-4.961314
219	8	0	-9.051796	-8.472440	-2.320414
220	7	0	-7.101894	-9.488792	-1.709526
221	6	0	-9.954183	-7.626212	0.594556
222	1	0	-8.142172	-8.714809	1.058553
223	1	0	-8.104359	-6.956512	1.484364
224	6	0	-8.270057	-0.709459	-5.853981
225	1	0	-6.641491	0.512880	-5.102217
226	1	0	-9.818813	-2.126623	-6.423420
227	1	0	-6.223551	-9.388861	-1.198203
228	6	0	-7.264042	-10.614094	-2.618524
229	6	0	-10.588017	-7.971357	1.926526
230	1	0	-10.277159	-6.598384	0.275016
231	1	0	-10.307566	-8.339705	-0.197926
232	8	0	-8.696164	0.328681	-6.650616
233	1	0	-6.574472	-11.409750	-2.322880
234	1	0	-8.290271	-10.990944	-2.572170
235	1	0	-7.052802	-10.330640	-3.658188
236	6	0	-12.110875	-7.967503	1.812109
237	1	0	-10.238388	-8.982115	2.264488
238	1	0	-10.257306	-7.228869	2.700012
239	1	0	-9.523608	0.058501	-7.075155
240	7	0	-12.781545	-8.253921	3.058556
241	1	0	-12.426122	-6.975263	1.368838
242	1	0	-12.419072	-8.769316	1.080165
243	1	0	-12.416175	-7.693554	3.802587
244	1	0	-13.763181	-8.082252	2.970862
245	1	0	0.749953	3.344364	5.504787
246	7	0	-0.203164	3.237784	5.854682
247	6	0	-1.288786	3.301491	5.047141
248	1	0	-0.366005	3.154633	6.849431
249	6	0	-1.007605	3.498258	3.561449
250	8	0	-2.447646	3.212674	5.478653
251	6	0	-1.533601	4.866472	3.085399
252	1	0	-1.528215	2.690882	3.031113
253	1	0	0.064236	3.406150	3.356314
254	6	0	-1.315085	5.104021	1.578080
255	1	0	-1.017539	5.668175	3.627686
256	1	0	-2.601014	4.948433	3.315348



257	7	0	-1.722579	6.458035	1.210515
258	6	0	-2.139338	4.105218	0.741510
259	1	0	-0.256219	5.006356	1.330795
260	6	0	-0.864389	7.358661	0.686976
261	1	0	-2.700438	6.727485	1.365584
262	8	0	-3.375764	4.085074	0.829331
263	7	0	-1.420455	3.287188	-0.059720
264	6	0	-1.466783	8.751288	0.379438
265	8	0	0.338890	7.133128	0.472131
266	1	0	-0.400563	3.367277	-0.064917
267	6	0	-2.050106	2.281175	-0.931573
268	7	0	-0.720681	9.743378	1.166515
269	6	0	-1.409253	8.980198	-1.128896
270	1	0	-2.509802	8.796751	0.711910
271	6	0	-1.540163	0.897252	-0.456555
272	6	0	-1.721116	2.444614	-2.413255
273	1	0	-3.133579	2.358597	-0.791546
274	1	0	0.280819	9.849589	0.991467
275	6	0	-1.323639	10.553034	2.074071
276	6	0	-2.231394	7.921139	-1.838061
277	6	0	-1.920772	10.357974	-1.496102
278	1	0	-0.335361	8.888194	-1.465877
279	8	0	-0.321246	0.655950	-0.440065
280	7	0	-2.491717	0.030341	-0.048357
281	6	0	-2.217808	3.782805	-2.945092
282	6	0	-2.349085	1.301418	-3.188020
283	1	0	-0.600610	2.394997	-2.541060
284	6	0	-0.394028	11.507718	2.809013
285	8	0	-2.540538	10.530663	2.320633
286	1	0	-2.231225	8.111884	-2.938255
287	1	0	-1.805864	6.903969	-1.657328
288	1	0	-3.288128	7.935676	-1.474596
289	1	0	-1.974006	10.461093	-2.607144
290	1	0	-2.943140	10.520344	-1.075406
291	1	0	-1.243401	11.153543	-1.103939
292	1	0	-3.475486	0.319482	-0.072041
293	6	0	-2.151772	-1.282792	0.519492
294	6	0	-1.614784	4.122274	-4.284924
295	1	0	-3.337627	3.753705	-3.028360
296	1	0	-1.962691	4.603223	-2.222797
297	1	0	-2.205336	1.452628	-4.285127
298	1	0	-1.876774	0.327579	-2.907212
299	1	0	-3.445055	1.239364	-2.978522

300	1	0	-0.787017	12.524047	2.702766
301	1	0	-0.414572	11.256932	3.875304
302	1	0	0.633651	11.463412	2.439664
303	6	0	-2.826635	-2.385756	-0.334849
304	6	0	-2.608587	-1.465245	1.966021
305	1	0	-1.062435	-1.380632	0.473047
306	1	0	-1.928387	5.148683	-4.595120
307	1	0	-0.498720	4.094671	-4.234198
308	1	0	-1.947487	3.403775	-5.072292
309	8	0	-4.055022	-2.398579	-0.492182
310	7	0	-1.980686	-3.301763	-0.859722
311	6	0	-2.124964	-2.804196	2.489843
312	6	0	-2.095152	-0.351019	2.854777
313	1	0	-3.737891	-1.455233	1.989129
314	1	0	-0.979267	-3.218187	-0.667212
315	6	0	-2.449043	-4.504921	-1.563950
316	1	0	-2.391037	-2.908022	3.569688
317	1	0	-2.600650	-3.645005	1.929267
318	1	0	-1.015243	-2.890488	2.386406
319	1	0	-2.323426	-0.579607	3.924230
320	1	0	-0.989225	-0.238334	2.743715
321	1	0	-2.580677	0.621402	2.598211
322	6	0	-2.093751	-5.719382	-0.669096
323	6	0	-1.788351	-4.735585	-2.911652
324	1	0	-3.534099	-4.416315	-1.687659
325	8	0	-0.910929	-5.926484	-0.349153
326	7	0	-3.132077	-6.489625	-0.272375
327	6	0	-2.191532	-3.745778	-3.944760
328	1	0	-0.668078	-4.724165	-2.792980
329	1	0	-2.073167	-5.769774	-3.251427
330	1	0	-4.087501	-6.215998	-0.520659
331	6	0	-2.917222	-7.581038	0.686502
332	6	0	-1.529703	-2.514255	-4.042545
333	6	0	-3.210813	-4.051106	-4.853193
334	6	0	-3.495053	-8.912568	0.159593
335	6	0	-3.440571	-7.304317	2.081485
336	1	0	-1.830155	-7.689526	0.775481
337	6	0	-1.865620	-1.602666	-5.036752
338	1	0	-0.735729	-2.263699	-3.320425
339	6	0	-3.558436	-3.154228	-5.860063
340	1	0	-3.745409	-5.010374	-4.774976
341	8	0	-4.635971	-9.005956	-0.319099
342	7	0	-2.655838	-9.962437	0.293069

343	6	0	-4.912605	-6.968269	2.177346
344	1	0	-3.223226	-8.208164	2.713745
345	1	0	-2.844068	-6.449920	2.509657
346	6	0	-2.881307	-1.930439	-5.950175
347	1	0	-1.357091	-0.630838	-5.113974
348	1	0	-4.360325	-3.398566	-6.570630
349	1	0	-1.704623	-9.793046	0.622632
350	6	0	-3.042231	-11.309899	-0.098752
351	6	0	-5.277361	-6.685623	3.621156
352	1	0	-5.152164	-6.073290	1.542668
353	1	0	-5.525124	-7.821472	1.779509
354	8	0	-3.155352	-0.999113	-6.925711
355	1	0	-2.349058	-12.023362	0.355479
356	1	0	-4.057817	-11.526396	0.246923
357	1	0	-3.017787	-11.438314	-1.188936
358	6	0	-6.745974	-6.285940	3.742379
359	1	0	-5.079267	-7.594881	4.247534
360	1	0	-4.621453	-5.863688	4.016432
361	1	0	-3.936838	-1.298876	-7.412786
362	7	0	-7.138658	-5.960893	5.093308
363	1	0	-6.939285	-5.434334	3.019593
364	1	0	-7.383873	-7.156308	3.412212
365	1	0	-6.544206	-5.256754	5.482457
366	1	0	-8.085354	-5.638232	5.111512
367	1	0	5.644357	3.763215	4.808575
368	7	0	4.703456	3.682029	5.194617
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370	1	0	4.565318	3.726337	6.195562
371	6	0	3.845294	3.583351	2.908716
372	8	0	2.455983	3.508752	4.882020
373	6	0	3.275600	4.862383	2.264303
374	1	0	3.333115	2.701257	2.504876
375	1	0	4.914338	3.487260	2.690146
376	6	0	3.446016	4.888798	0.732683
377	1	0	3.788600	5.741846	2.672216
378	1	0	2.213388	4.955619	2.513576
379	7	0	2.998115	6.168623	0.191034
380	6	0	2.625183	3.765586	0.071407
381	1	0	4.499890	4.778212	0.470235
382	1	0	2.015750	6.435020	0.321227
383	6	0	3.826628	7.003659	-0.471003
384	8	0	1.391536	3.739442	0.192479
385	7	0	3.342469	2.850682	-0.616427

386	6	0	3.188602	8.332128	-0.945159
387	8	0	5.029366	6.769263	-0.682204
388	1	0	4.359938	2.945036	-0.659371
389	6	0	2.716615	1.712119	-1.308112
390	7	0	3.929423	9.431308	-0.310312
391	6	0	3.211598	8.362682	-2.471074
392	1	0	2.151296	8.400433	-0.598687
393	6	0	3.236814	0.426996	-0.614350
394	6	0	3.034960	1.634685	-2.798849
395	1	0	1.633523	1.803576	-1.174306
396	6	0	3.334329	10.333225	0.511107
397	1	0	4.924989	9.528165	-0.519660
398	6	0	2.407287	7.198046	-3.016501
399	6	0	2.652869	9.666431	-3.002792
400	1	0	4.281012	8.255606	-2.817471
401	8	0	4.456137	0.193024	-0.560037
402	7	0	2.286299	-0.358653	-0.064727
403	6	0	2.533993	2.870524	-3.535192
404	6	0	2.401519	0.381587	-3.373126
405	1	0	4.154461	1.564341	-2.925606
406	6	0	4.262318	11.388611	1.094706
407	8	0	2.126029	10.318106	0.796257
408	1	0	2.373908	7.246918	-4.131510
409	1	0	2.870466	6.225223	-2.720589
410	1	0	1.360136	7.227815	-2.627265
411	1	0	2.580280	9.623800	-4.116700
412	1	0	1.632224	9.852383	-2.587730
413	1	0	3.311069	10.524939	-2.728490
414	1	0	1.301696	-0.083603	-0.147201
415	6	0	2.619057	-1.568940	0.700139
416	6	0	3.103501	2.975798	-4.927481
417	1	0	1.412261	2.840470	-3.585359
418	1	0	2.813724	3.797072	-2.966723
419	1	0	2.551776	0.342700	-4.479070
420	1	0	2.866049	-0.533914	-2.929673
421	1	0	1.304303	0.362898	-3.161625
422	1	0	3.849732	12.376792	0.866866
423	1	0	4.268988	11.278259	2.184621
424	1	0	5.282443	11.312115	0.710226
425	6	0	1.957238	-2.787770	0.010024
426	6	0	2.136854	-1.526090	2.149026
427	1	0	3.709240	-1.670412	0.687806
428	1	0	2.787142	3.939084	-5.396657

429	1	0	4.220300	2.946558	-4.901082
430	1	0	2.746246	2.139545	-5.575510
431	8	0	0.734578	-2.815127	-0.186439
432	7	0	2.807327	-3.782486	-0.330642
433	6	0	2.472437	-2.830248	2.846624
434	6	0	2.760829	-0.366446	2.897598
435	1	0	1.014348	-1.398681	2.151343
436	1	0	3.805130	-3.673102	-0.133657
437	6	0	2.346079	-5.080490	-0.847422
438	1	0	2.232787	-2.750755	3.934814
439	1	0	1.875940	-3.672250	2.418076
440	1	0	3.558234	-3.070456	2.737889
441	1	0	2.460862	-0.400233	3.973151
442	1	0	3.875422	-0.415643	2.837931
443	1	0	2.423814	0.610250	2.474221
444	6	0	2.664116	-6.127350	0.248872
445	6	0	3.052662	-5.532308	-2.113173
446	1	0	1.267033	-5.006833	-1.021160
447	8	0	3.841840	-6.296970	0.607605
448	7	0	1.609261	-6.788417	0.777163
449	6	0	2.777484	-4.668243	-3.290785
450	1	0	4.163505	-5.572896	-1.929352
451	1	0	2.713802	-6.583349	-2.327688
452	1	0	0.660542	-6.562434	0.463251
453	6	0	1.814514	-7.713632	1.898940
454	6	0	3.510549	-3.490199	-3.489495
455	6	0	1.812988	-5.043321	-4.232119
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457	6	0	1.364016	-7.192495	3.248407
458	1	0	2.899249	-7.852250	1.969443
459	6	0	3.296515	-2.699193	-4.612278
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461	6	0	1.588296	-4.268645	-5.367269
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467	1	0	2.005229	-6.303347	3.508135
468	6	0	2.333712	-3.096719	-5.554869
469	1	0	3.861253	-1.768826	-4.769129
470	1	0	0.828636	-4.567066	-6.103166
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473	6	0	-0.395528	-6.357266	4.773553
474	1	0	-0.313065	-5.950839	2.641893
475	1	0	-0.747546	-7.651995	3.057099
476	8	0	2.181187	-2.286674	-6.657072
477	1	0	2.316218	-12.174653	2.129773
478	1	0	0.608577	-11.680258	2.250750
479	1	0	1.395098	-11.761424	0.661576
480	6	0	-1.851458	-5.919636	4.912117
481	1	0	-0.186317	-7.203703	5.479707
482	1	0	0.286549	-5.511818	5.059860
483	1	0	1.419414	-2.609040	-7.160736
484	7	0	-2.197169	-5.515612	6.253647
485	1	0	-2.046554	-5.103368	4.149463
486	1	0	-2.519150	-6.789960	4.642464
487	1	0	-1.612139	-4.768983	6.569978
488	1	0	-3.154332	-5.228306	6.294992
489	1	0	15.445748	3.786034	3.066494
490	7	0	14.532436	3.887166	3.483392
491	6	0	13.387632	3.754835	2.754208
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493	6	0	13.562489	3.413283	1.278846
494	8	0	12.273711	3.901564	3.263150
495	6	0	12.917836	4.493344	0.389218
496	1	0	13.070642	2.443680	1.126444
497	1	0	14.621956	3.284648	1.025203
498	6	0	12.956245	4.163853	-1.120478
499	1	0	13.437944	5.447965	0.530748
500	1	0	11.876517	4.636775	0.694265
501	7	0	12.400918	5.260715	-1.900738
502	6	0	12.127928	2.903221	-1.411970
503	1	0	13.995137	4.038370	-1.442586
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509	8	0	14.433729	6.100495	-2.551802
510	1	0	13.832461	1.819999	-1.781446
511	6	0	12.188395	0.482303	-1.977383
512	7	0	13.175089	8.491597	-3.120595
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516	6	0	12.418920	-0.102194	-3.367864
517	1	0	11.112878	0.607352	-1.813981
518	6	0	12.588034	9.630213	-2.669663
519	1	0	14.184755	8.426651	-3.170964
520	6	0	11.481677	5.572174	-4.923776
521	6	0	11.723583	7.934429	-5.646870
522	1	0	13.361847	6.601478	-5.205225
523	8	0	14.012673	-0.445792	-0.675121
524	7	0	11.901855	-1.268204	-0.274320
525	6	0	11.812827	0.785266	-4.449461
526	6	0	11.812990	-1.492496	-3.430435
527	1	0	13.528872	-0.183811	-3.548815
528	6	0	13.528983	10.795730	-2.400664
529	8	0	11.367946	9.740150	-2.483547
530	1	0	11.204020	5.393447	-5.990649
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532	1	0	10.543520	5.675502	-4.322505
533	1	0	11.538826	7.570995	-6.686920
534	1	0	10.751838	8.268385	-5.207992
535	1	0	12.408479	8.813703	-5.703518
536	1	0	10.901395	-1.113068	-0.425659
537	6	0	12.320874	-2.175455	0.798256
538	6	0	12.417096	0.515254	-5.804518
539	1	0	10.703594	0.612715	-4.488692
540	1	0	11.965461	1.868302	-4.200290
541	1	0	11.767045	-1.846805	-4.488552
542	1	0	12.431243	-2.216702	-2.847318
543	1	0	10.775380	-1.488636	-3.012137
544	1	0	13.232641	11.636605	-3.035776
545	1	0	13.407562	11.109484	-1.359116
546	1	0	14.581063	10.558986	-2.586499
547	6	0	11.612249	-3.536792	0.589448
548	6	0	12.000417	-1.688036	2.214236
549	1	0	13.409174	-2.277046	0.705769
550	1	0	11.945563	1.177118	-6.571035
551	1	0	13.516036	0.715038	-5.794611
552	1	0	12.257533	-0.546098	-6.113028
553	8	0	10.414641	-3.586179	0.283734
554	7	0	12.388122	-4.632743	0.779890
555	6	0	12.753599	-2.515262	3.238439
556	6	0	12.352173	-0.222880	2.385136
557	1	0	10.892284	-1.809589	2.392605

558	1	0	13.318638	-4.502146	1.163357
559	6	0	11.839870	-5.990280	0.920909
560	1	0	12.569010	-2.107656	4.262323
561	1	0	12.423430	-3.582301	3.230360
562	1	0	13.852605	-2.482115	3.041744
563	1	0	12.348732	0.049580	3.468316
564	1	0	13.366275	-0.012206	1.964993
565	1	0	11.608380	0.426236	1.862462
566	6	0	12.069865	-6.428139	2.393225
567	1	0	10.772886	-5.953046	0.676129
568	8	0	13.117592	-6.122182	2.971499
569	7	0	11.098406	-7.207413	2.944808
570	6	0	12.499307	-6.726326	-1.397990
571	1	0	10.159908	-7.204224	2.535058
572	6	0	11.285959	-7.697230	4.313288
573	6	0	13.531229	-5.982277	-1.986268
574	6	0	10.472673	-8.990363	4.535275
575	6	0	10.975881	-6.699914	5.415793
576	1	0	12.356159	-7.929503	4.405145
577	6	0	13.533946	-5.720564	-3.351088
578	1	0	14.350658	-5.598262	-1.359258
579	8	0	9.378009	-9.200379	4.000291
580	7	0	11.042143	-9.869780	5.398319
581	6	0	9.553974	-6.183823	5.411134
582	1	0	11.192097	-7.190327	6.402861
583	1	0	11.685096	-5.832597	5.312752
584	6	0	12.483409	-6.215534	-4.142129
585	1	0	14.338860	-5.137669	-3.819861
586	1	0	11.962258	-9.662143	5.761665
587	6	0	10.389384	-11.111113	5.800041
588	6	0	9.317753	-5.283844	6.605948
589	1	0	9.353973	-5.615859	4.463722
590	1	0	8.835376	-7.047669	5.429903
591	8	0	12.540861	-5.931139	-5.486853
592	1	0	10.899797	-11.512677	6.679228
593	1	0	9.342620	-10.918073	6.053530
594	1	0	10.421633	-11.857970	4.997635
595	6	0	7.880435	-4.766781	6.607763
596	1	0	9.517178	-5.850126	7.553418
597	1	0	10.035543	-4.422498	6.574465
598	1	0	11.738953	-6.282501	-5.900626
599	7	0	7.577760	-3.939084	7.749863
600	1	0	7.697952	-4.234423	5.623494



601	1	0	7.177414	-5.650741	6.636168
602	1	0	8.202780	-3.160844	7.810050
603	1	0	6.635701	-3.607036	7.699771
604	6	0	11.445630	-6.963825	-3.569417
605	1	0	10.626117	-7.345137	-4.194466
606	6	0	11.460793	-7.211727	-2.199391
607	1	0	10.646065	-7.796733	-1.745054
608	6	0	12.533014	-7.031227	0.055999
609	1	0	12.021023	-8.014717	0.247131
610	1	0	13.602654	-7.140695	0.388118
611	1	0	10.526309	3.981342	3.953869
612	7	0	9.590226	3.994231	4.353770
613	6	0	8.471806	3.829395	3.605591
614	1	0	9.472109	4.160870	5.344390
615	6	0	8.688203	3.617033	2.111157
616	8	0	7.334450	3.852366	4.096083
617	6	0	8.066626	4.769419	1.299209
618	1	0	8.198222	2.669455	1.854374
619	1	0	9.755219	3.515972	1.884059
620	6	0	8.187556	4.574429	-0.226601
621	1	0	8.566770	5.711569	1.554760
622	1	0	7.010678	4.875873	1.567947
623	7	0	7.693416	5.759674	-0.924315
624	6	0	7.369800	3.350242	-0.683974
625	1	0	9.234775	4.447762	-0.506585
626	6	0	8.491144	6.530394	-1.694137
627	1	0	6.711997	6.029922	-0.793397
628	8	0	6.139007	3.342001	-0.543284
629	7	0	8.083231	2.327971	-1.208681
630	6	0	7.816315	7.782725	-2.308027
631	8	0	9.694165	6.291723	-1.906148
632	1	0	9.094649	2.431773	-1.307148
633	6	0	7.453517	1.090157	-1.707090
634	7	0	8.547126	8.972047	-1.842564
635	6	0	7.792132	7.618880	-3.825400
636	1	0	6.788491	7.877232	-1.939847
637	6	0	8.011811	-0.080032	-0.853609
638	6	0	7.736316	0.797722	-3.178279
639	1	0	6.373441	1.190809	-1.556657
640	6	0	7.943083	9.967434	-1.140021
641	1	0	9.522400	9.090340	-2.118651
642	6	0	6.989467	6.385047	-4.192190
643	6	0	7.198807	8.837828	-4.501211

644	1	0	8.852007	7.479524	-4.189149
645	8	0	9.232952	-0.312206	-0.832667
646	7	0	7.094050	-0.772783	-0.142127
647	6	0	7.219220	1.912345	-4.078288
648	6	0	7.096584	-0.525817	-3.553107
649	1	0	8.853298	0.708246	-3.316084
650	6	0	8.843012	11.128464	-0.744912
651	8	0	6.746379	9.951157	-0.814885
652	1	0	6.912508	6.296837	-5.302642
653	1	0	7.482348	5.462288	-3.799710
654	1	0	5.957619	6.447319	-3.767471
655	1	0	7.086907	8.649413	-5.596623
656	1	0	6.191492	9.069011	-4.076453
657	1	0	7.856164	9.729651	-4.366444
658	1	0	6.105623	-0.508681	-0.210822
659	6	0	7.480685	-1.839991	0.793477
660	6	0	7.771998	1.813976	-5.477986
661	1	0	6.097217	1.871015	-4.109307
662	1	0	7.500090	2.913266	-3.655457
663	1	0	7.257083	-0.742571	-4.637675
664	1	0	7.553225	-1.363396	-2.969093
665	1	0	5.997647	-0.504556	-3.351698
666	1	0	8.375882	12.057375	-1.087542
667	1	0	8.891315	11.169925	0.348841
668	1	0	9.851115	11.044142	-1.157021
669	6	0	6.778051	-3.159759	0.381626
670	6	0	7.112546	-1.541996	2.246289
671	1	0	8.567268	-1.951442	0.716153
672	1	0	7.443355	2.695225	-6.080740
673	1	0	8.889293	1.794314	-5.461142
674	1	0	7.413616	0.888387	-5.989667
675	8	0	5.546905	-3.210745	0.257159
676	7	0	7.608943	-4.213702	0.207621
677	6	0	7.564453	-2.679990	3.141279
678	6	0	7.738109	-0.244174	2.715122
679	1	0	5.989420	-1.450994	2.320160
680	1	0	8.618765	-4.064202	0.254944
681	6	0	7.132066	-5.572222	-0.098942
682	1	0	7.381765	-2.417159	4.211624
683	1	0	7.000062	-3.615786	2.910814
684	1	0	8.655836	-2.878219	3.006726
685	1	0	7.550778	-0.102498	3.807299
686	1	0	8.842124	-0.255912	2.542646

687	1	0	7.300725	0.628338	2.172769
688	6	0	7.438150	-6.455876	1.139197
689	1	0	6.053246	-5.512594	-0.280453
690	8	0	8.618185	-6.635683	1.489236
691	7	0	6.370062	-6.971218	1.790123
692	6	0	7.749930	-5.413621	-2.533927
693	1	0	5.421995	-6.765955	1.459389
694	6	0	6.566415	-7.727017	3.033219
695	6	0	8.666794	-4.378104	-2.766495
696	6	0	5.866689	-9.104651	2.974011
697	6	0	6.169556	-6.994216	4.299243
698	1	0	7.645901	-7.897437	3.102361
699	6	0	8.619650	-3.637850	-3.941698
700	1	0	9.433292	-4.144134	-2.007008
701	8	0	4.692601	-9.255593	2.603250
702	7	0	6.648372	-10.128096	3.385683
703	6	0	4.733525	-6.524263	4.363405
704	1	0	6.374645	-7.681332	5.165591
705	1	0	6.849733	-6.104139	4.419024
706	6	0	7.639939	-3.941641	-4.902063
707	1	0	9.332973	-2.821373	-4.128745
708	1	0	7.621085	-9.935408	3.619483
709	6	0	6.154742	-11.496734	3.441615
710	6	0	4.473803	-5.857147	5.699417
711	1	0	4.522644	-5.802290	3.530093
712	1	0	4.041211	-7.397768	4.220992
713	8	0	7.638130	-3.170945	-6.042631
714	1	0	6.895732	-12.118836	3.950713
715	1	0	5.210159	-11.542520	3.994255
716	1	0	5.982684	-11.902666	2.436894
717	6	0	3.022465	-5.395388	5.803569
718	1	0	4.703092	-6.573674	6.531836
719	1	0	5.164507	-4.979497	5.818737
720	1	0	6.887225	-3.447674	-6.587994
721	7	0	2.714454	-4.771156	7.067507
722	1	0	2.805900	-4.717646	4.920555
723	1	0	2.348354	-6.296133	5.701224
724	1	0	3.306665	-3.983639	7.237365
725	1	0	1.758186	-4.478650	7.087353
726	6	0	6.723128	-4.979528	-4.687815
727	1	0	5.958310	-5.210110	-5.442560
728	6	0	6.783150	-5.705816	-3.500862
729	1	0	6.057558	-6.514932	-3.324691

730	6	0	7.833446	-6.213570	-1.284122
731	1	0	7.366459	-7.223772	-1.443613
732	1	0	8.917819	-6.383013	-1.025822

P PI (Ac-VQIVYK-NHMe)<sub>7</sub>

1	6	0	-12.900882	10.571497	6.259747
2	6	0	-13.682591	9.882819	5.148320
3	1	0	-13.400687	11.515891	6.500283
4	1	0	-12.943123	9.940973	7.154019
5	1	0	-11.858557	10.762018	5.989426
6	8	0	-14.871638	9.575242	5.278199
7	7	0	-12.965065	9.642330	4.009350
8	1	0	-11.969200	9.866343	3.972783
9	6	0	-13.574454	8.943342	2.873963
10	6	0	-13.036119	7.492213	2.872141
11	6	0	-13.275593	9.570488	1.516800
12	1	0	-14.656715	8.957978	3.053081
13	8	0	-11.833422	7.270918	2.666706
14	7	0	-13.935474	6.519554	3.148970
15	6	0	-14.041759	8.833485	0.434893
16	6	0	-13.633003	11.042098	1.492786
17	1	0	-12.169835	9.462911	1.310441
18	1	0	-14.907290	6.769733	3.289150
19	6	0	-13.592826	5.098930	3.212782
20	1	0	-13.792509	9.262090	-0.565638
21	1	0	-13.774462	7.748463	0.429995
22	1	0	-15.142721	8.929322	0.595439
23	1	0	-13.541482	11.438187	0.452202
24	1	0	-14.682513	11.198269	1.840549
25	1	0	-12.948129	11.628052	2.151497
26	6	0	-14.357730	4.365087	2.092474
27	6	0	-13.947080	4.512741	4.595583
28	1	0	-12.516930	5.030468	3.039596
29	8	0	-15.577336	4.496151	1.962698
30	7	0	-13.581162	3.561457	1.309375
31	6	0	-13.428779	3.076124	4.789016
32	1	0	-13.504061	5.167183	5.356776
33	1	0	-15.033265	4.526929	4.738893
34	1	0	-12.563842	3.621957	1.390925
35	6	0	-14.136568	2.825848	0.164571
36	6	0	-13.809428	2.544629	6.173306
37	1	0	-13.895706	2.408873	4.053835
38	1	0	-12.343891	3.034335	4.639545
39	6	0	-13.562766	1.391835	0.244421
40	6	0	-13.783892	3.423224	-1.197287
41	1	0	-15.226618	2.836151	0.285248

42	8	0	-14.984797	2.452006	6.533129
43	7	0	-12.758113	2.179588	6.963821
44	8	0	-12.336807	1.213726	0.242152
45	7	0	-14.460811	0.380609	0.337588
46	6	0	-14.466609	4.771809	-1.390685
47	6	0	-14.182325	2.466646	-2.303169
48	1	0	-12.664689	3.568868	-1.244170
49	1	0	-12.975350	1.875093	7.903089
50	1	0	-11.788291	2.332883	6.694469
51	1	0	-15.453092	0.584560	0.340190
52	6	0	-14.060952	-1.032025	0.477397
53	6	0	-13.774840	5.609199	-2.436193
54	1	0	-15.536833	4.605026	-1.684791
55	1	0	-14.481459	5.339310	-0.421676
56	1	0	-14.032923	2.951074	-3.298798
57	1	0	-13.555241	1.541668	-2.267177
58	1	0	-15.256640	2.174294	-2.211770
59	6	0	-14.782317	-1.838624	-0.634924
60	6	0	-14.421812	-1.641991	1.829143
61	1	0	-12.975283	-1.066102	0.344589
62	1	0	-14.273597	6.605236	-2.519504
63	1	0	-12.702767	5.772903	-2.166225
64	1	0	-13.811502	5.113880	-3.436441
65	8	0	-16.009119	-1.793990	-0.752130
66	7	0	-13.951496	-2.571909	-1.430981
67	6	0	-13.908682	-3.068203	1.893336
68	6	0	-13.843742	-0.836222	2.974530
69	1	0	-15.545270	-1.659465	1.929155
70	1	0	-12.942611	-2.528318	-1.274912
71	6	0	-14.461563	-3.424366	-2.499800
72	1	0	-14.103773	-3.497115	2.905592
73	1	0	-14.423082	-3.706385	1.135210
74	1	0	-12.808594	-3.098554	1.697573
75	1	0	-14.014580	-1.370809	3.940495
76	1	0	-12.744357	-0.691979	2.837250
77	1	0	-14.327093	0.167863	3.045815
78	6	0	-13.884866	-4.857880	-2.356118
79	6	0	-14.135419	-2.954110	-3.914933
80	1	0	-15.553276	-3.446465	-2.383705
81	8	0	-12.766139	-5.068380	-1.870282
82	7	0	-14.694495	-5.838525	-2.831470
83	6	0	-15.076194	-1.906691	-4.395228
84	1	0	-13.077163	-2.572769	-3.967756

85	1	0	-14.195443	-3.835151	-4.613146
86	1	0	-15.517593	-5.564481	-3.358468
87	6	0	-14.212734	-7.201364	-3.096850
88	6	0	-14.769180	-0.548921	-4.244892
89	6	0	-16.271467	-2.274907	-5.024176
90	6	0	-14.073206	-7.377257	-4.634983
91	6	0	-15.109394	-8.290049	-2.543880
92	1	0	-13.230085	-7.296071	-2.619425
93	6	0	-15.635284	0.433578	-4.712088
94	1	0	-13.834790	-0.252003	-3.742013
95	6	0	-17.151279	-1.307356	-5.500447
96	1	0	-16.519151	-3.340684	-5.147372
97	8	0	-14.868130	-6.832618	-5.408813
98	7	0	-13.044405	-8.176605	-5.010053
99	6	0	-16.549663	-8.194113	-3.000909
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101	1	0	-15.073156	-8.255522	-1.420637
102	6	0	-16.829352	0.048073	-5.342283
103	1	0	-15.403512	1.501033	-4.584553
104	1	0	-18.089635	-1.601746	-5.990399
105	1	0	-12.360648	-8.445399	-4.302273
106	6	0	-12.773653	-8.484978	-6.405720
107	6	0	-17.310742	-9.455240	-2.651448
108	1	0	-17.045340	-7.312723	-2.514461
109	1	0	-16.583253	-8.023602	-4.110995
110	8	0	-17.642028	1.062642	-5.794607
111	1	0	-12.601415	-9.560393	-6.532864
112	1	0	-13.639338	-8.184642	-6.999783
113	1	0	-11.892044	-7.942607	-6.772795
114	6	0	-18.770118	-9.325060	-3.085009
115	1	0	-16.840188	-10.336596	-3.160887
116	1	0	-17.252482	-9.636880	-1.546204
117	1	0	-18.450683	0.662011	-6.144966
118	7	0	-19.551878	-10.511138	-2.826967
119	1	0	-19.201505	-8.406277	-2.584619
120	1	0	-18.802142	-9.138705	-4.196954
121	1	0	-19.448164	-10.812126	-1.878508
122	1	0	-20.519115	-10.335624	-3.011973
123	1	0	-10.143088	6.639329	2.534318
124	7	0	-9.146854	6.415350	2.441728
125	6	0	-8.273671	7.405659	2.160021
126	6	0	-8.730474	5.028053	2.643743
127	6	0	-8.886178	8.821435	2.022226

128	8	0	-7.049112	7.240531	2.030659
129	6	0	-9.510824	4.137846	1.657015
130	6	0	-8.996276	4.587808	4.096419
131	1	0	-7.662572	4.975732	2.423183
132	7	0	-8.216717	9.693134	2.998357
133	6	0	-8.732315	9.274371	0.571905
134	1	0	-9.950465	8.804110	2.281255
135	8	0	-10.745570	4.056412	1.725074
136	7	0	-8.753071	3.473856	0.752656
137	6	0	-8.500551	3.157794	4.386344
138	1	0	-8.488262	5.298149	4.760122
139	1	0	-10.069601	4.650145	4.303688
140	1	0	-7.205301	9.820908	2.923420
141	6	0	-8.900352	10.382948	3.947416
142	6	0	-9.484340	8.324928	-0.340835
143	6	0	-9.244169	10.687131	0.379859
144	1	0	-7.636731	9.244599	0.299592
145	1	0	-7.738281	3.602402	0.763389
146	6	0	-9.344889	2.620463	-0.290566
147	6	0	-8.835355	2.745618	5.816274
148	1	0	-9.012825	2.446401	3.726578
149	1	0	-7.423231	3.080041	4.204792
150	6	0	-8.042077	11.221445	4.883187
151	8	0	-10.134193	10.340148	4.079208
152	1	0	-9.435921	8.689311	-1.395180
153	1	0	-9.035762	7.302366	-0.301649
154	1	0	-10.557565	8.255081	-0.036345
155	1	0	-9.232399	10.953002	-0.705039
156	1	0	-10.292342	10.778531	0.756517
157	1	0	-8.604506	11.420994	0.925748
158	6	0	-8.769729	1.194795	-0.092014
159	6	0	-9.046074	3.074448	-1.717701
160	1	0	-10.428238	2.621700	-0.130593
161	8	0	-10.007393	2.613336	6.193773
162	7	0	-7.774885	2.540066	6.635867
163	1	0	-8.435648	12.242995	4.891298
164	1	0	-8.145977	10.820788	5.897670
165	1	0	-6.987693	11.227466	4.595896
166	8	0	-7.543424	1.004051	-0.148586
167	7	0	-9.677871	0.228716	0.167459
168	6	0	-9.548458	4.490160	-1.970148
169	6	0	-9.694207	2.105382	-2.688365
170	1	0	-7.928273	3.052505	-1.874374



171	1	0	-7.969235	2.301652	7.599218
172	1	0	-6.811558	2.676174	6.328039
173	1	0	-10.669912	0.477814	0.216990
174	6	0	-9.284872	-1.157415	0.463317
175	6	0	-8.985381	5.077501	-3.239919
176	1	0	-10.670523	4.480592	-2.020794
177	1	0	-9.263374	5.159248	-1.115235
178	1	0	-9.557350	2.462068	-3.737783
179	1	0	-9.232964	1.090648	-2.602304
180	1	0	-10.789812	2.016942	-2.484291
181	6	0	-9.950161	-2.097872	-0.574647
182	6	0	-9.699231	-1.628064	1.856433
183	1	0	-8.194644	-1.209008	0.377220
184	1	0	-9.288948	6.148929	-3.330826
185	1	0	-7.868988	5.026597	-3.237803
186	1	0	-9.359554	4.532118	-4.139512
187	8	0	-11.180337	-2.110313	-0.720402
188	7	0	-9.091331	-2.885748	-1.264142
189	6	0	-9.247065	-3.060470	2.068717
190	6	0	-9.116151	-0.738625	2.934925
191	1	0	-10.826132	-1.593541	1.927025
192	1	0	-8.086340	-2.797983	-1.093401
193	6	0	-9.551250	-3.916778	-2.200671
194	1	0	-9.451308	-3.373377	3.121197
195	1	0	-9.796546	-3.752637	1.385491
196	1	0	-8.151252	-3.160891	1.873538
197	1	0	-9.350123	-1.158738	3.943311
198	1	0	-8.006222	-0.668196	2.828137
199	1	0	-9.545424	0.290877	2.881017
200	6	0	-9.104703	-5.301012	-1.665548
201	6	0	-8.983847	-3.789728	-3.605901
202	1	0	-10.644122	-3.855787	-2.238664
203	8	0	-7.909081	-5.527732	-1.418183
204	7	0	-10.095135	-6.210057	-1.521384
205	6	0	-9.585685	-2.670445	-4.377329
206	1	0	-7.865505	-3.666295	-3.559275
207	1	0	-9.185048	-4.758702	-4.141798
208	1	0	-11.064887	-5.921642	-1.671019
209	6	0	-9.813933	-7.573696	-1.056038
210	6	0	-9.012673	-1.392274	-4.339641
211	6	0	-10.714517	-2.892986	-5.173387
212	6	0	-10.077265	-8.596461	-2.189934
213	6	0	-10.574185	-7.977121	0.190381

214	1	0	-8.745147	-7.594817	-0.808668
215	6	0	-9.543518	-0.351958	-5.093642
216	1	0	-8.133351	-1.208017	-3.701537
217	6	0	-11.262811	-1.864081	-5.934697
218	1	0	-11.177233	-3.891696	-5.201438
219	8	0	-11.100877	-8.557335	-2.891160
220	7	0	-9.114629	-9.531778	-2.330283
221	6	0	-12.081145	-7.968144	0.053473
222	1	0	-10.231168	-9.008592	0.476718
223	1	0	-10.279201	-7.285326	1.027119
224	6	0	-10.671340	-0.594084	-5.895315
225	1	0	-9.102001	0.654667	-5.064935
226	1	0	-12.151879	-2.044646	-6.555149
227	1	0	-8.244465	-9.430376	-1.805078
228	6	0	-9.213415	-10.586990	-3.327964
229	6	0	-12.724049	-8.436854	1.342591
230	1	0	-12.443593	-6.934342	-0.197214
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232	8	0	-11.144463	0.469413	-6.629591
233	1	0	-8.518469	-11.389698	-3.065428
234	1	0	-10.232144	-10.984866	-3.352454
235	1	0	-8.966885	-10.220485	-4.333491
236	6	0	-14.242795	-8.494427	1.192656
237	1	0	-12.333763	-9.452148	1.616247
238	1	0	-12.444887	-7.737308	2.174167
239	1	0	-11.956616	0.186456	-7.074808
240	7	0	-14.924661	-8.901706	2.398786
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242	1	0	-14.497799	-9.253613	0.397532
243	1	0	-14.597827	-8.384789	3.190685
244	1	0	-15.910794	-8.763879	2.302176
245	1	0	-1.924886	3.126570	5.806791
246	7	0	-2.883204	2.979322	6.127440
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248	1	0	-3.067790	2.836856	7.111578
249	6	0	-3.636948	3.338909	3.830949
250	8	0	-5.116140	2.913679	5.691705
251	6	0	-4.179241	4.720814	3.416421
252	1	0	-4.128606	2.552615	3.244573
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254	6	0	-3.936047	5.043788	1.928845
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260	6	0	-3.535613	7.363080	1.189706
261	1	0	-5.367594	6.631840	1.772947
262	8	0	-5.949622	4.006740	1.083316
263	7	0	-3.954235	3.313673	0.195436
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265	8	0	-2.319361	7.191856	1.001292
266	1	0	-2.937492	3.427450	0.211411
267	6	0	-4.538907	2.345023	-0.746957
268	7	0	-3.480566	9.717317	1.814335
269	6	0	-4.086297	9.074253	-0.540398
270	1	0	-5.226831	8.746118	1.255194
271	6	0	-3.977758	0.952534	-0.363731
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273	1	0	-5.625070	2.370875	-0.609797
274	1	0	-2.477958	9.861777	1.676515
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276	6	0	-4.852800	8.033922	-1.334493
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280	7	0	-4.897025	0.021090	-0.029344
281	6	0	-4.755581	3.971457	-2.656852
282	6	0	-4.788528	1.509305	-3.066743
283	1	0	-3.087175	2.623502	-2.334341
284	6	0	-3.252846	11.383805	3.571413
285	8	0	-5.353476	10.372381	2.965613
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287	1	0	-4.396561	7.022333	-1.204528
288	1	0	-5.918129	7.990655	-0.999606
289	1	0	-4.662213	10.623717	-1.942106
290	1	0	-5.674251	10.555983	-0.438717
291	1	0	-3.997707	11.246291	-0.378850
292	1	0	-5.891172	0.272742	-0.042563
293	6	0	-4.509621	-1.314434	0.450088
294	6	0	-4.149568	4.429096	-3.959677
295	1	0	-5.871922	3.901614	-2.760250
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313	1	0	-6.092361	-1.618730	1.902179
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318	1	0	-3.349786	-3.040358	2.191979
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320	1	0	-3.358874	-0.429080	2.753005
321	1	0	-4.954841	0.428681	2.653189
322	6	0	-4.270653	-5.654903	-1.040108
323	6	0	-4.024842	-4.507329	-3.210572
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328	1	0	-2.905363	-4.448087	-3.098178
329	1	0	-4.261233	-5.530311	-3.615353
330	1	0	-6.240989	-6.244432	-0.914606
331	6	0	-5.004339	-7.640443	0.185680
332	6	0	-3.890434	-2.205608	-4.192894
333	6	0	-5.490667	-3.773824	-5.101121
334	6	0	-5.527118	-8.954456	-0.434452
335	6	0	-5.532260	-7.486565	1.597735
336	1	0	-3.912929	-7.706691	0.263644
337	6	0	-4.278135	-1.250578	-5.125562
338	1	0	-3.107865	-1.960670	-3.456534
339	6	0	-5.889287	-2.833243	-6.047427
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343	6	0	-7.017444	-7.224278	1.717355
344	1	0	-5.272239	-8.422030	2.164365
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346	6	0	-5.278410	-1.571920	-6.058045
347	1	0	-3.821763	-0.250251	-5.139797
348	1	0	-6.679960	-3.073154	-6.771900
349	1	0	-3.692702	-9.784487	-0.055376
350	6	0	-4.967671	-11.301941	-0.878241
351	6	0	-7.392768	-7.069907	3.177637
352	1	0	-7.297523	-6.294759	1.152763
353	1	0	-7.591844	-8.071005	1.254185
354	8	0	-5.604644	-0.595537	-6.971551
355	1	0	-4.251729	-12.018277	-0.465620
356	1	0	-5.977616	-11.580885	-0.562341
357	1	0	-4.926262	-11.352491	-1.974402
358	6	0	-8.875363	-6.735236	3.323448
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364	1	0	-9.479643	-7.592095	2.906185
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370	1	0	1.840141	3.502168	6.599140
371	6	0	1.216994	3.593778	3.291192
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373	6	0	0.626446	4.896526	2.716629
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394	6	0	0.597009	2.062560	-2.586040
395	1	0	-0.832732	2.044221	-0.977964
396	6	0	0.581457	10.480461	1.324212
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405	1	0	1.720213	2.047965	-2.698377
406	6	0	1.462644	11.523432	1.995885
407	8	0	-0.632100	10.409758	1.578838
408	1	0	-0.183598	7.671046	-3.524014
409	1	0	0.305107	6.574765	-2.167503
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411	1	0	-0.036872	10.045305	-3.357206
412	1	0	-1.024173	10.157453	-1.840158
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414	1	0	-1.106656	0.056564	-0.113742
415	6	0	0.264647	-1.444112	0.616687
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420	1	0	0.529714	-0.090952	-2.912243
421	1	0	-1.071264	0.750003	-3.074577
422	1	0	1.017274	12.510209	1.833026
423	1	0	1.459230	11.334920	3.075130
424	1	0	2.490042	11.510373	1.623273
425	6	0	-0.347857	-2.629169	-0.171911
426	6	0	-0.218001	-1.540632	2.063086
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437	6	0	0.137086	-4.828204	-1.212291
438	1	0	-0.015837	-2.876724	3.758895
439	1	0	-0.249484	-3.717238	2.172848
440	1	0	1.352657	-2.963128	2.570340
441	1	0	0.020509	-0.528586	3.965404
442	1	0	1.402810	-0.299399	2.813578
443	1	0	-0.160422	0.583740	2.551882
444	6	0	0.516965	-5.947531	-0.210435
445	6	0	0.850413	-5.140598	-2.515851
446	1	0	-0.946180	-4.792374	-1.371661
447	8	0	1.706973	-6.103510	0.111607
448	7	0	-0.502724	-6.687790	0.281826
449	6	0	0.485586	-4.228939	-3.631513
450	1	0	1.964834	-5.107432	-2.353017
451	1	0	0.588997	-6.199134	-2.793585
452	1	0	-1.464659	-6.472780	0.003295
453	6	0	-0.243271	-7.685011	1.328297
454	6	0	1.117573	-2.985083	-3.765123
455	6	0	-0.460245	-4.623623	-4.583901
456	6	0	-0.828211	-9.063555	0.950904
457	6	0	-0.701352	-7.286366	2.716388
458	1	0	0.847638	-7.779629	1.378475
459	6	0	0.824207	-2.148845	-4.836058
460	1	0	1.855179	-2.664514	-3.011507
461	6	0	-0.763152	-3.803699	-5.667893
462	1	0	-0.971594	-5.593029	-4.479630
463	8	0	-1.993132	-9.217078	0.550599
464	7	0	0.039800	-10.084772	1.120477
465	6	0	-2.167675	-6.943256	2.859453
466	1	0	-0.448460	-8.132889	3.412204
467	1	0	-0.088625	-6.398085	3.040086
468	6	0	-0.116517	-2.566488	-5.792004
469	1	0	1.308885	-1.167541	-4.941693
470	1	0	-1.507633	-4.117990	-6.412578
471	1	0	1.001068	-9.873850	1.391184

472	6	0	-0.340484	-11.465762	0.861487
473	6	0	-2.472723	-6.617631	4.308410
474	1	0	-2.426947	-6.065967	2.208906
475	1	0	-2.798021	-7.805381	2.511031
476	8	0	-0.346794	-1.709201	-6.843835
477	1	0	0.446345	-12.124301	1.238846
478	1	0	-1.281382	-11.705948	1.368056
479	1	0	-0.474226	-11.651717	-0.211824
480	6	0	-3.937205	-6.224885	4.485778
481	1	0	-2.238547	-7.505853	4.952629
482	1	0	-1.808328	-5.778118	4.648956
483	1	0	-1.096935	-2.053712	-7.350234
484	7	0	-4.280173	-5.913643	5.852672
485	1	0	-4.159124	-5.367514	3.777447
486	1	0	-4.586714	-7.092763	4.168271
487	1	0	-3.700424	-5.183938	6.215067
488	1	0	-5.239502	-5.637862	5.916390
489	1	0	12.705405	4.521268	3.673544
490	7	0	11.770192	4.512028	4.075728
491	6	0	10.660958	4.249916	3.341983
492	1	0	11.643982	4.737772	5.053565
493	6	0	10.887740	3.956370	1.863059
494	8	0	9.523384	4.251186	3.832784
495	6	0	10.222592	5.032969	0.984150
496	1	0	10.435455	2.976941	1.663371
497	1	0	11.958196	3.884368	1.641377
498	6	0	10.361648	4.754937	-0.527080
499	1	0	10.680170	6.008972	1.186823
500	1	0	9.161172	5.108750	1.241882
501	7	0	9.822406	5.874707	-1.295748
502	6	0	9.598775	3.472324	-0.913937
503	1	0	11.415020	4.656655	-0.795250
504	6	0	10.585914	6.617496	-2.125484
505	1	0	8.831629	6.115466	-1.179809
506	8	0	8.367921	3.422921	-0.781541
507	7	0	10.357753	2.449685	-1.369314
508	6	0	9.862063	7.800859	-2.815993
509	8	0	11.795078	6.407374	-2.332334
510	1	0	11.365244	2.588339	-1.467259
511	6	0	9.782060	1.162749	-1.805071
512	7	0	10.546701	9.044519	-2.429340
513	6	0	9.842783	7.538914	-4.319579
514	1	0	8.831806	7.879159	-2.451049



515	6	0	10.391776	0.059756	-0.899728
516	6	0	10.075601	0.811878	-3.261379
517	1	0	8.698718	1.224185	-1.656825
518	6	0	9.904587	10.060330	-1.792733
519	1	0	11.516505	9.181885	-2.715805
520	6	0	9.076426	6.261013	-4.603942
521	6	0	9.214344	8.693451	-5.072311
522	1	0	10.906390	7.407190	-4.675231
523	8	0	11.621857	-0.117547	-0.871735
524	7	0	9.506044	-0.640462	-0.155793
525	6	0	9.490684	1.847349	-4.212921
526	6	0	9.512025	-0.563771	-3.564204
527	1	0	11.195272	0.779592	-3.402412
528	6	0	10.761373	11.276011	-1.472965
529	8	0	8.708570	10.021420	-1.466813
530	1	0	9.008605	6.094642	-5.705988
531	1	0	9.591880	5.381413	-4.146702
532	1	0	8.040678	6.323729	-4.188780
533	1	0	9.104027	8.429149	-6.152097
534	1	0	8.202533	8.925446	-4.658860
535	1	0	9.847768	9.609599	-5.000875
536	1	0	8.507425	-0.420072	-0.228736
537	6	0	9.941217	-1.646305	0.824568
538	6	0	10.064553	1.728450	-5.602483
539	1	0	8.374894	1.724159	-4.250938
540	1	0	9.694261	2.883077	-3.831687
541	1	0	9.649400	-0.810860	-4.645161
542	1	0	10.041437	-1.346428	-2.965585
543	1	0	8.420986	-0.605264	-3.325293
544	1	0	10.256798	12.165130	-1.864334
545	1	0	10.815372	11.382286	-0.383825
546	1	0	11.769604	11.206301	-1.887686
547	6	0	9.299035	-3.013660	0.474400
548	6	0	9.562385	-1.299414	2.264037
549	1	0	11.031599	-1.712541	0.749409
550	1	0	9.675212	2.552985	-6.247819
551	1	0	11.179771	1.796471	-5.576650
552	1	0	9.784496	0.755309	-6.073199
553	8	0	8.074440	-3.119297	0.323874
554	7	0	10.172990	-4.043024	0.384573
555	6	0	10.041232	-2.387755	3.205599
556	6	0	10.154900	0.031997	2.678839
557	1	0	8.437224	-1.233439	2.333854

558	1	0	11.175172	-3.849028	0.435701
559	6	0	9.757250	-5.437343	0.159670
560	1	0	9.873930	-2.075706	4.265203
561	1	0	9.482486	-3.338903	3.030586
562	1	0	11.132216	-2.581947	3.061785
563	1	0	9.947952	0.221727	3.760120
564	1	0	11.261536	0.034197	2.523261
565	1	0	9.709609	0.868846	2.088873
566	6	0	10.107948	-6.231262	1.446319
567	1	0	8.676395	-5.436090	-0.020213
568	8	0	11.297842	-6.344673	1.790806
569	7	0	9.067865	-6.746436	2.141249
570	6	0	10.378053	-5.399806	-2.283327
571	1	0	8.108013	-6.591118	1.817091
572	6	0	9.308869	-7.419871	3.423598
573	6	0	11.245220	-4.335457	-2.570071
574	6	0	8.646620	-8.816881	3.462405
575	6	0	8.918020	-6.621999	4.651555
576	1	0	10.393767	-7.557491	3.479780
577	6	0	11.180516	-3.674958	-3.791107
578	1	0	11.987500	-4.015351	-1.818029
579	8	0	7.468149	-9.022502	3.134090
580	7	0	9.468831	-9.793202	3.908732
581	6	0	7.472702	-6.181678	4.715841
582	1	0	9.155064	-7.251155	5.553062
583	1	0	9.578989	-5.711190	4.705086
584	6	0	10.234690	-4.090307	-4.743583
585	1	0	11.855316	-2.836829	-4.020747
586	1	0	10.439516	-9.559568	4.110855
587	6	0	9.016184	-11.169350	4.054978
588	6	0	7.225719	-5.427428	6.007129
589	1	0	7.226030	-5.525755	3.838897
590	1	0	6.799525	-7.079037	4.651403
591	8	0	10.217295	-3.399409	-5.933973
592	1	0	9.817599	-11.757179	4.510206
593	1	0	8.128540	-11.220960	4.695501
594	1	0	8.761860	-11.610304	3.083422
595	6	0	5.766112	-4.993159	6.112632
596	1	0	7.490809	-6.077363	6.882505
597	1	0	7.896882	-4.527689	6.047856
598	1	0	9.478810	-3.735489	-6.462662
599	7	0	5.472055	-4.282843	7.333754
600	1	0	5.512004	-4.388659	5.187292

601	1	0	5.113093	-5.914851	6.094512
602	1	0	6.041844	-3.466273	7.424774
603	1	0	4.507373	-4.019936	7.359785
604	6	0	9.367247	-5.157565	-4.474675
605	1	0	8.627521	-5.474454	-5.223020
606	6	0	9.443338	-5.802051	-3.242349
607	1	0	8.756190	-6.634029	-3.023928
608	6	0	10.485474	-6.118217	-0.986861
609	1	0	10.058425	-7.153579	-1.086110
610	1	0	11.574957	-6.230156	-0.718292
611	1	0	7.837679	4.152502	4.546982
612	7	0	6.896168	4.071435	4.931962
613	6	0	5.802774	3.900784	4.151461
614	1	0	6.749482	4.174240	5.927396
615	6	0	6.058138	3.808982	2.651341
616	8	0	4.655517	3.828822	4.616636
617	6	0	5.438242	5.014732	1.918706
618	1	0	5.588363	2.879283	2.306655
619	1	0	7.131980	3.744269	2.445275
620	6	0	5.611228	4.943165	0.388468
621	1	0	5.913296	5.940649	2.265103
622	1	0	4.372480	5.081245	2.161003
623	7	0	5.110243	6.162805	-0.239262
624	6	0	4.840365	3.743256	-0.193146
625	1	0	6.669596	4.860191	0.134165
626	6	0	5.907955	6.992492	-0.944826
627	1	0	4.116644	6.394406	-0.131346
628	8	0	3.607441	3.680253	-0.076610
629	7	0	5.596460	2.806386	-0.805437
630	6	0	5.215958	8.255963	-1.511129
631	8	0	7.122633	6.800944	-1.128220
632	1	0	6.609096	2.940562	-0.858560
633	6	0	5.019065	1.596207	-1.413369
634	7	0	5.903460	9.427155	-0.949402
635	6	0	5.249335	8.183339	-3.035588
636	1	0	4.173966	8.301924	-1.175260
637	6	0	5.597611	0.386543	-0.634120
638	6	0	5.335787	1.427936	-2.897279
639	1	0	3.933512	1.649040	-1.279400
640	6	0	5.259884	10.365384	-0.209105
641	1	0	6.896985	9.549205	-1.155489
642	6	0	4.504936	6.947528	-3.503924
643	6	0	4.634386	9.420114	-3.657564

644	1	0	6.325252	8.103613	-3.369069
645	8	0	6.825671	0.206661	-0.576302
646	7	0	4.684852	-0.395893	-0.017916
647	6	0	4.819099	2.607203	-3.711166
648	6	0	4.716804	0.132940	-3.388042
649	1	0	6.455939	1.363811	-3.021494
650	6	0	6.135737	11.501060	0.299627
651	8	0	4.048617	10.323664	0.060682
652	1	0	4.472727	6.921957	-4.619757
653	1	0	5.014577	6.020028	-3.145417
654	1	0	3.456361	6.950913	-3.117435
655	1	0	4.573654	9.299113	-4.766408
656	1	0	3.602537	9.584867	-3.261670
657	1	0	5.248926	10.325551	-3.438392
658	1	0	3.689245	-0.168803	-0.111045
659	6	0	5.074313	-1.533587	0.828312
660	6	0	5.341222	2.599032	-5.125794
661	1	0	3.696168	2.583849	-3.721734
662	1	0	5.124970	3.572302	-3.226492
663	1	0	4.917392	-0.007119	-4.478310
664	1	0	5.153447	-0.742905	-2.846818
665	1	0	3.611209	0.138946	-3.225203
666	1	0	5.702016	12.449167	-0.034945
667	1	0	6.108307	11.495419	1.394643
668	1	0	7.169881	11.423186	-0.045193
669	6	0	4.452540	-2.825865	0.240831
670	6	0	4.610948	-1.403583	2.278053
671	1	0	6.167618	-1.592566	0.804287
672	1	0	5.023783	3.530798	-5.654210
673	1	0	6.457587	2.551316	-5.135193
674	1	0	4.948078	1.723952	-5.697272
675	8	0	3.227029	-2.922490	0.084628
676	7	0	5.339666	-3.800928	-0.056435
677	6	0	5.047290	-2.618961	3.073453
678	6	0	5.162167	-0.146453	2.918763
679	1	0	3.482524	-1.353884	2.290884
680	1	0	6.338427	-3.626899	0.079903
681	6	0	4.934502	-5.143325	-0.501426
682	1	0	4.785268	-2.480389	4.150550
683	1	0	4.533807	-3.539946	2.704454
684	1	0	6.151426	-2.769596	2.992988
685	1	0	4.897280	-0.122850	4.003765
686	1	0	6.274913	-0.113756	2.823912

687	1	0	4.736093	0.766930	2.438149
688	6	0	5.301567	-6.115784	0.647693
689	1	0	3.853062	-5.126871	-0.674981
690	8	0	6.489151	-6.225029	0.997121
691	7	0	4.277742	-6.779823	1.230356
692	6	0	5.467227	-4.759206	-2.931800
693	1	0	3.316757	-6.605243	0.921085
694	6	0	4.532088	-7.623154	2.405580
695	6	0	6.254115	-3.610778	-3.098648
696	6	0	3.909641	-9.027208	2.240009
697	6	0	4.110267	-7.018171	3.729292
698	1	0	5.620980	-7.736644	2.454247
699	6	0	6.111242	-2.808111	-4.224272
700	1	0	6.994513	-3.339187	-2.327267
701	8	0	2.736891	-9.212784	1.878162
702	7	0	4.758523	-10.031742	2.551805
703	6	0	2.653636	-6.628548	3.846534
704	1	0	4.362725	-7.759777	4.536074
705	1	0	4.744818	-6.104863	3.909956
706	6	0	5.166370	-3.163411	-5.201452
707	1	0	6.720021	-1.901842	-4.357997
708	1	0	5.726120	-9.801153	2.778483
709	6	0	4.346896	-11.427228	2.508087
710	6	0	2.385479	-6.079482	5.233937
711	1	0	2.394424	-5.855955	3.074547
712	1	0	2.002445	-7.521757	3.646024
713	8	0	5.075868	-2.335832	-6.297933
714	1	0	5.117261	-12.037647	2.986916
715	1	0	3.400491	-11.563537	3.041964
716	1	0	4.209765	-11.775011	1.476192
717	6	0	0.923752	-5.666968	5.385710
718	1	0	2.641613	-6.854824	6.003456
719	1	0	3.053153	-5.195432	5.420109
720	1	0	4.331036	-2.637873	-6.838205
721	7	0	0.611217	-5.155710	6.698510
722	1	0	0.680889	-4.925277	4.562894
723	1	0	0.272583	-6.574282	5.215705
724	1	0	1.185911	-4.370420	6.928387
725	1	0	-0.351469	-4.888792	6.747730
726	6	0	4.373998	-4.309162	-5.049778
727	1	0	3.631824	-4.576657	-5.814861
728	6	0	4.528008	-5.096748	-3.911448
729	1	0	3.900469	-5.992439	-3.784627

730	6	0	5.662065	-5.629210	-1.742869
731	1	0	5.289122	-6.666892	-1.963674
732	1	0	6.763799	-5.710654	-1.520029
733	1	0	17.623562	4.502788	2.796582
734	7	0	16.703545	4.588401	3.202061
735	6	0	15.571406	4.359196	2.477253
736	1	0	16.614326	4.886348	4.164683
737	6	0	15.772488	3.933638	1.027331
738	8	0	14.448119	4.486722	2.970636
739	6	0	15.091567	4.926329	0.065695
740	1	0	15.320904	2.937363	0.933806
741	1	0	16.838312	3.832372	0.788401
742	6	0	15.145606	4.492040	-1.416151
743	1	0	15.575656	5.907200	0.139541
744	1	0	14.044852	5.052011	0.359763
745	7	0	14.541746	5.504307	-2.271202
746	6	0	14.373966	3.178460	-1.615873
747	1	0	16.188818	4.390457	-1.732496
748	6	0	15.297496	6.353356	-3.014259
749	1	0	13.524725	5.630006	-2.246944
750	8	0	13.144647	3.160201	-1.470788
751	7	0	15.109939	2.089651	-1.933285
752	6	0	14.490221	7.359363	-3.871602
753	8	0	16.533900	6.357607	-3.023459
754	1	0	16.120114	2.157790	-1.965889
755	6	0	14.535652	0.738137	-2.063391
756	7	0	15.174034	8.653648	-3.750473
757	6	0	14.389071	6.829841	-5.300421
758	1	0	13.478533	7.482328	-3.470858
759	6	0	15.189799	-0.124965	-0.948774
760	6	0	14.784781	0.089944	-3.422134
761	1	0	13.456514	0.826098	-1.900012
762	6	0	14.549165	9.793424	-3.356164
763	1	0	16.184351	8.628135	-3.818999
764	6	0	13.731248	7.844522	-6.214141
765	1	0	15.427239	6.619660	-5.686139
766	8	0	16.402844	-0.044385	-0.726447
767	7	0	14.329928	-0.930245	-0.267902
768	6	0	14.149911	0.898225	-4.548341
769	6	0	14.224370	-1.320779	-3.409428
770	1	0	15.896780	0.035401	-3.600634
771	6	0	15.445431	11.011652	-3.186438
772	8	0	13.330357	9.864715	-3.145194

773	1	0	13.560006	7.395468	-7.222612
774	1	0	12.746642	8.167073	-5.795998
775	1	0	14.375932	8.746518	-6.341319
776	1	0	13.323404	-0.826218	-0.422051
777	6	0	14.792130	-1.761393	0.847931
778	6	0	14.757649	0.570958	-5.889218
779	1	0	13.046013	0.692128	-4.572771
780	1	0	14.272186	1.997485	-4.360964
781	1	0	14.188462	-1.732069	-4.447107
782	1	0	14.866707	-1.992688	-2.790852
783	1	0	13.187773	-1.328278	-2.988481
784	1	0	15.096366	11.797970	-3.863249
785	1	0	15.337967	11.384776	-2.163065
786	1	0	16.501559	10.807736	-3.387528
787	6	0	14.142486	-3.161168	0.715197
788	6	0	14.456557	-1.215554	2.238765
789	1	0	15.883376	-1.820211	0.753626
790	1	0	14.267255	1.178124	-6.688483
791	1	0	15.851060	0.799244	-5.894325
792	1	0	14.624909	-0.509199	-6.139650
793	8	0	12.943970	-3.277467	0.431295
794	7	0	14.968934	-4.211682	0.944123
795	6	0	15.249633	-1.955513	3.298987
796	6	0	14.744724	0.270318	2.332047
797	1	0	13.355586	-1.375955	2.430206
798	1	0	15.897246	-4.022484	1.307896
799	6	0	14.485193	-5.584795	1.152994
800	1	0	15.044554	-1.510186	4.303036
801	1	0	14.973239	-3.036935	3.340949
802	1	0	16.345658	-1.876739	3.098633
803	1	0	14.733816	0.597600	3.399893
804	1	0	15.746963	0.502901	1.895369
805	1	0	13.971301	0.858803	1.781383
806	6	0	14.744897	-5.942793	2.642069
807	1	0	13.416304	-5.609243	0.915080
808	8	0	15.779655	-5.558809	3.196618
809	7	0	13.818812	-6.745449	3.236849
810	6	0	15.177153	-6.393711	-1.133144
811	1	0	12.876476	-6.803867	2.840492
812	6	0	14.045421	-7.165427	4.622696
813	6	0	16.173351	-5.626950	-1.753057
814	6	0	13.282335	-8.474688	4.917832
815	6	0	13.719712	-6.129989	5.684713

816	1	0	15.124513	-7.356434	4.706055
817	6	0	16.167897	-5.426835	-3.128228
818	1	0	16.970919	-5.175539	-1.142981
819	8	0	12.184658	-8.745613	4.417350
820	7	0	13.900763	-9.295291	5.804685
821	6	0	12.282235	-5.659271	5.680149
822	1	0	13.966132	-6.568426	6.688985
823	1	0	14.399299	-5.246425	5.531278
824	6	0	15.145704	-6.007968	-3.897528
825	1	0	16.944837	-4.826643	-3.621734
826	1	0	14.819960	-9.039600	6.138404
827	6	0	13.301571	-10.539805	6.274408
828	6	0	12.036286	-4.711236	6.835149
829	1	0	12.049443	-5.143324	4.710756
830	1	0	11.592049	-6.543265	5.751792
831	8	0	15.193860	-5.781813	-5.253603
832	1	0	13.847072	-10.885927	7.156053
833	1	0	12.255058	-10.372151	6.546442
834	1	0	13.340667	-11.318454	5.503159
835	6	0	10.583589	-4.239206	6.836728
836	1	0	12.268022	-5.225562	7.804645
837	1	0	12.725931	-3.830644	6.751217
838	1	0	14.411049	-6.189460	-5.652057
839	7	0	10.271378	-3.371944	7.946345
840	1	0	10.370286	-3.756556	5.833263
841	1	0	9.909333	-5.142479	6.914034
842	1	0	10.868452	-2.569960	7.959584
843	1	0	9.316924	-3.076780	7.900479
844	6	0	14.143971	-6.779975	-3.293006
845	1	0	13.346295	-7.228799	-3.901252
846	6	0	14.166465	-6.964989	-1.913176
847	1	0	13.379588	-7.568057	-1.434065
848	6	0	15.221903	-6.632242	0.332846
849	1	0	14.751997	-7.627165	0.567825
850	1	0	16.295146	-6.681609	0.667954
851	6	0	13.594288	5.537043	-5.309194
852	1	0	14.194283	4.699880	-4.878203
853	1	0	12.654813	5.647979	-4.711388
854	1	0	13.320751	5.263353	-6.356798



P Pl (Ac-VQIVYK-NHMe)<sub>8</sub>

1	6	0	-15.604431	10.187509	6.555582
2	6	0	-16.333429	9.544262	5.382869
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4	1	0	-15.660557	9.508258	7.412605
5	1	0	-14.558583	10.415107	6.331240
6	8	0	-17.518880	9.205163	5.455502
7	7	0	-15.574532	9.382337	4.257285
8	1	0	-14.581800	9.623078	4.266761
9	6	0	-16.131561	8.733537	3.066139
10	6	0	-15.584737	7.286193	3.023767
11	6	0	-15.777911	9.424635	1.754414
12	1	0	-17.220604	8.734662	3.198558
13	8	0	-14.377006	7.077662	2.833723
14	7	0	-16.483282	6.300733	3.253301
15	6	0	-16.478917	8.726019	0.605039
16	6	0	-16.157042	10.890752	1.778331
17	1	0	-14.661952	9.341116	1.597404
18	1	0	-17.457289	6.542335	3.393215
19	6	0	-16.128339	4.882677	3.297463
20	1	0	-16.189210	9.202847	-0.362172
21	1	0	-16.192314	7.646747	0.566474
22	1	0	-17.587760	8.797847	0.715851
23	1	0	-16.018187	11.335415	0.762917
24	1	0	-17.225495	11.016525	2.077314
25	1	0	-15.516634	11.455077	2.497839
26	6	0	-16.859003	4.158176	2.148779
27	6	0	-16.505780	4.267518	4.661858
28	1	0	-15.048208	4.828316	3.147267
29	8	0	-18.075993	4.279868	1.988662
30	7	0	-16.055531	3.368760	1.378790
31	6	0	-15.974466	2.834179	4.842537
32	1	0	-16.087455	4.913608	5.443893
33	1	0	-17.594800	4.266628	4.782211
34	1	0	-15.041124	3.436094	1.487071
35	6	0	-16.575810	2.620350	0.226635
36	6	0	-16.379076	2.273007	6.208321
37	1	0	-16.416202	2.173793	4.085817
38	1	0	-14.886207	2.806647	4.716263
39	6	0	-15.980423	1.196396	0.316497
40	6	0	-16.210926	3.224132	-1.129794

41	1	0	-17.668002	2.610148	0.327496
42	8	0	-17.560007	2.184363	6.550654
43	7	0	-15.342390	1.875104	7.002160
44	8	0	-14.752890	1.036465	0.354921
45	7	0	-16.866152	0.171387	0.363339
46	6	0	-17.000578	4.504563	-1.372768
47	6	0	-16.465074	2.221670	-2.237450
48	1	0	-15.108015	3.468896	-1.129300
49	1	0	-15.575576	1.545932	7.929196
50	1	0	-14.367254	2.024077	6.749950
51	1	0	-17.861031	0.361438	0.340109
52	6	0	-16.452858	-1.240590	0.468664
53	6	0	-16.324755	5.401105	-2.378633
54	1	0	-18.030851	4.240818	-1.731309
55	1	0	-17.126303	5.065231	-0.407527
56	1	0	-16.350277	2.713659	-3.233889
57	1	0	-15.730536	1.380443	-2.176281
58	1	0	-17.498204	1.801386	-2.171215
59	6	0	-17.160985	-2.012446	-0.675789
60	6	0	-16.820396	-1.893448	1.797751
61	1	0	-15.365767	-1.260964	0.343787
62	1	0	-16.915768	6.339274	-2.513176
63	1	0	-15.297546	5.676723	-2.035348
64	1	0	-16.237296	4.896236	-3.371014
65	8	0	-18.389581	-1.992687	-0.782982
66	7	0	-16.318982	-2.678697	-1.517025
67	6	0	-16.305013	-3.320037	1.820275
68	6	0	-16.249571	-1.122775	2.970563
69	1	0	-17.944406	-1.916324	1.890329
70	1	0	-15.309944	-2.618627	-1.366853
71	6	0	-16.819210	-3.471567	-2.635376
72	1	0	-16.529569	-3.789161	2.808295
73	1	0	-16.793967	-3.928095	1.021552
74	1	0	-15.199481	-3.340297	1.657947
75	1	0	-16.425900	-1.686601	3.918692
76	1	0	-15.149407	-0.974231	2.843942
77	1	0	-16.733542	-0.121291	3.068842
78	6	0	-16.215533	-4.899896	-2.585052
79	6	0	-16.514408	-2.902176	-4.018968
80	1	0	-17.909207	-3.524302	-2.512560
81	8	0	-15.094800	-5.122073	-2.109398
82	7	0	-17.006535	-5.861270	-3.126620
83	6	0	-17.535332	-1.914503	-4.461809

84	1	0	-15.492048	-2.430367	-4.034711
85	1	0	-16.487623	-3.745342	-4.764377
86	1	0	-17.833277	-5.567624	-3.637166
87	6	0	-16.502174	-7.197034	-3.474117
88	6	0	-17.355393	-0.545832	-4.228051
89	6	0	-18.679873	-2.350077	-5.140409
90	6	0	-16.351960	-7.274454	-5.019261
91	6	0	-17.384255	-8.331976	-2.995546
92	1	0	-15.520603	-7.306490	-2.997614
93	6	0	-18.296228	0.381709	-4.662155
94	1	0	-16.463237	-0.194083	-3.684677
95	6	0	-19.633547	-1.438429	-5.583560
96	1	0	-18.827507	-3.424731	-5.330442
97	8	0	-17.153547	-6.698320	-5.762882
98	7	0	-15.305652	-8.028888	-5.436565
99	6	0	-18.824050	-8.228999	-3.452506
100	1	0	-16.935190	-9.291016	-3.371763
101	1	0	-17.352865	-8.368232	-1.872196
102	6	0	-19.437983	-0.071063	-5.342546
103	1	0	-18.161844	1.456551	-4.473022
104	1	0	-20.531423	-1.786084	-6.112915
105	1	0	-14.621071	-8.328951	-4.742212
106	6	0	-15.022603	-8.246573	-6.846754
107	6	0	-19.566995	-9.521117	-3.187401
108	1	0	-19.335140	-7.387900	-2.913507
109	1	0	-18.855947	-7.988909	-4.549701
110	8	0	-20.329033	0.891756	-5.758678
111	1	0	-14.832486	-9.309314	-7.038712
112	1	0	-15.889868	-7.923862	-7.426609
113	1	0	-14.147784	-7.668991	-7.174228
114	6	0	-21.026528	-9.385668	-3.618798
115	1	0	-19.081013	-10.361149	-3.749446
116	1	0	-19.510195	-9.771650	-2.095632
117	1	0	-21.090512	0.441925	-6.152355
118	7	0	-21.791100	-10.597315	-3.440186
119	1	0	-21.473829	-8.507070	-3.063254
120	1	0	-21.057188	-9.129664	-4.716840
121	1	0	-21.685442	-10.956925	-2.512579
122	1	0	-22.760367	-10.424564	-3.617014
123	1	0	-12.678425	6.446531	2.759590
124	7	0	-11.676887	6.236742	2.695631
125	6	0	-10.807022	7.246081	2.477732
126	6	0	-11.249980	4.847100	2.855935

127	6	0	-11.430569	8.660249	2.375596
128	8	0	-9.577572	7.097888	2.378676
129	6	0	-12.002919	3.985080	1.824327
130	6	0	-11.538674	4.350226	4.286264
131	1	0	-10.177462	4.813513	2.654802
132	7	0	-10.800101	9.500305	3.404027
133	6	0	-11.238007	9.168726	0.948380
134	1	0	-12.501881	8.622783	2.601061
135	8	0	-13.237909	3.891478	1.867067
136	7	0	-11.223456	3.356234	0.913008
137	6	0	-11.040872	2.912498	4.529012
138	1	0	-11.046266	5.036818	4.985749
139	1	0	-12.615852	4.399271	4.476408
140	1	0	-9.787983	9.639020	3.365915
141	6	0	-11.519567	10.153508	4.352400
142	6	0	-11.966106	8.255514	-0.019134
143	6	0	-11.743187	10.588715	0.796488
144	1	0	-10.135515	9.147907	0.704481
145	1	0	-10.210918	3.500292	0.939413
146	6	0	-11.792695	2.539564	-0.171753
147	6	0	-11.396833	2.444567	5.936506
148	1	0	-11.539296	2.225257	3.834021
149	1	0	-9.960415	2.845822	4.362396
150	6	0	-10.698699	10.963747	5.344982
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152	1	0	-11.889512	8.658920	-1.057460
153	1	0	-11.519365	7.231489	-0.006364
154	1	0	-13.047114	8.175676	0.254199
155	1	0	-11.709449	10.892872	-0.277849
156	1	0	-12.798300	10.669882	1.155602
157	1	0	-11.112610	11.300928	1.380384
158	6	0	-11.188787	1.118168	-0.038231
159	6	0	-11.499894	3.065385	-1.575350
160	1	0	-12.876249	2.511123	-0.015809
161	8	0	-12.574270	2.299543	6.291992
162	7	0	-10.348182	2.204626	6.761967
163	1	0	-11.097617	11.982885	5.373303
164	1	0	-10.836087	10.528954	6.341273
165	1	0	-9.634970	10.983713	5.095261
166	8	0	-9.959878	0.952625	-0.114870
167	7	0	-12.077079	0.125442	0.187835
168	6	0	-12.019970	4.485035	-1.761611
169	6	0	-12.135513	2.136226	-2.592178

170	1	0	-10.381796	3.064939	-1.731655
171	1	0	-10.556113	1.929430	7.712587
172	1	0	-9.380996	2.354947	6.473203
173	1	0	-13.072211	0.354214	0.264173
174	6	0	-11.658851	-1.266539	0.412648
175	6	0	-11.459538	5.139856	-2.999165
176	1	0	-13.141597	4.463704	-1.818023
177	1	0	-11.747340	5.116247	-0.874466
178	1	0	-11.993560	2.540343	-3.623616
179	1	0	-11.668825	1.121345	-2.547974
180	1	0	-13.232296	2.032658	-2.400641
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184	1	0	-11.777001	6.210359	-3.040018
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186	1	0	-11.822666	4.633164	-3.925501
187	8	0	-13.549713	-2.189406	-0.803227
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189	6	0	-11.568456	-3.242047	1.925439
190	6	0	-11.481585	-0.961850	2.900444
191	1	0	-13.180062	-1.804518	1.863437
192	1	0	-10.448827	-2.811308	-1.230545
193	6	0	-11.905865	-3.895328	-2.382445
194	1	0	-11.762030	-3.610392	2.961814
195	1	0	-12.104093	-3.912641	1.210554
196	1	0	-10.471261	-3.307752	1.723116
197	1	0	-11.697160	-1.435772	3.888876
198	1	0	-10.374521	-0.860424	2.789014
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201	6	0	-11.356766	-3.685996	-3.785181
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207	1	0	-11.543684	-4.630874	-4.367317
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209	6	0	-12.099748	-7.614636	-1.443514
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214	1	0	-11.031124	-7.631199	-1.194951
215	6	0	-11.998368	-0.194984	-5.107120
216	1	0	-10.546411	-1.089212	-3.783771
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218	1	0	-13.583232	-3.750954	-5.336326
219	8	0	-13.369076	-8.511606	-3.334096
220	7	0	-11.365134	-9.481740	-2.830440
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222	1	0	-12.494114	-9.142070	0.003648
223	1	0	-12.575839	-7.454199	0.651274
224	6	0	-13.139930	-0.418862	-5.894483
225	1	0	-11.570474	0.815920	-5.043650
226	1	0	-14.613844	-1.861729	-6.585648
227	1	0	-10.495863	-9.394525	-2.301016
228	6	0	-11.444085	-10.477894	-3.888615
229	6	0	-15.000464	-8.668662	0.889582
230	1	0	-14.742764	-7.073295	-0.557777
231	1	0	-14.653841	-8.735559	-1.255350
232	8	0	-13.644778	0.668541	-6.570352
233	1	0	-10.757928	-11.297790	-3.657437
234	1	0	-12.463517	-10.868197	-3.957447
235	1	0	-11.173793	-10.055954	-4.866013
236	6	0	-16.517336	-8.744892	0.729022
237	1	0	-14.592475	-9.690997	1.104936
238	1	0	-14.737486	-8.014241	1.762126
239	1	0	-14.459577	0.391434	-7.014385
240	7	0	-17.196359	-9.235682	1.905322
241	1	0	-16.887201	-7.724211	0.410008
242	1	0	-16.755261	-9.459738	-0.111213
243	1	0	-16.880277	-8.762845	2.728528
244	1	0	-18.184249	-9.107592	1.813273
245	1	0	-4.497366	2.827998	6.020659
246	7	0	-5.460143	2.669626	6.322525
247	6	0	-6.514084	2.789270	5.481075
248	1	0	-5.658523	2.477593	7.295464
249	6	0	-6.179075	3.141286	4.035767
250	8	0	-7.686788	2.630877	5.852167
251	6	0	-6.711020	4.543408	3.679726
252	1	0	-6.664720	2.385918	3.405391
253	1	0	-5.098451	3.085911	3.867061
254	6	0	-6.442813	4.938833	2.214267
255	1	0	-6.230433	5.293607	4.319533

256	1	0	-7.787746	4.585936	3.874369
257	7	0	-6.891908	6.307922	1.970375
258	6	0	-7.194322	4.001358	1.248516
259	1	0	-5.372369	4.904219	2.002575
260	6	0	-6.050278	7.298137	1.605388
261	1	0	-7.884999	6.520919	2.114446
262	8	0	-8.431036	3.922374	1.287509
263	7	0	-6.414214	3.297195	0.397073
264	6	0	-6.698748	8.692609	1.427737
265	8	0	-4.828931	7.149111	1.433208
266	1	0	-5.399754	3.427697	0.428033
267	6	0	-6.973620	2.373942	-0.604533
268	7	0	-6.036609	9.613222	2.363288
269	6	0	-6.576761	9.099076	-0.038826
270	1	0	-7.757977	8.658977	1.706012
271	6	0	-6.389050	0.971804	-0.298952
272	6	0	-6.639293	2.740978	-2.048418
273	1	0	-8.060973	2.371496	-0.474505
274	1	0	-5.031386	9.770421	2.262981
275	6	0	-6.720620	10.294593	3.317494
276	6	0	-7.309708	8.097132	-0.910167
277	6	0	-7.135608	10.487541	-0.272625
278	1	0	-5.484084	9.092858	-0.324048
279	8	0	-5.158844	0.800325	-0.284898
280	7	0	-7.293778	0.004631	-0.031126
281	6	0	-7.212549	4.102678	-2.419411
282	6	0	-7.186676	1.668564	-2.971346
283	1	0	-5.516497	2.775484	-2.160521
284	6	0	-5.872251	11.190464	4.207859
285	8	0	-7.947837	10.203968	3.485963
286	1	0	-7.260306	8.414333	-1.979656
287	1	0	-6.847268	7.083824	-0.822220
288	1	0	-8.383692	8.026627	-0.609393
289	1	0	-7.136698	10.718895	-1.365478
290	1	0	-8.184956	10.555256	0.105432
291	1	0	-6.519077	11.259290	0.246833
292	1	0	-8.292260	0.238465	-0.037548
293	6	0	-6.884825	-1.349146	0.373424
294	6	0	-6.602074	4.651387	-3.684416
295	1	0	-8.325563	4.013018	-2.541728
296	1	0	-7.031173	4.836900	-1.589987
297	1	0	-7.049584	1.970055	-4.037880
298	1	0	-6.651854	0.699699	-2.812026

299	1	0	-8.276909	1.508289	-2.784914
300	1	0	-6.294299	12.200496	4.184855
301	1	0	-5.948638	10.825350	5.237945
302	1	0	-4.823342	11.216302	3.902105
303	6	0	-7.507574	-2.373840	-0.608136
304	6	0	-7.325140	-1.728513	1.786697
305	1	0	-5.792104	-1.385303	0.317912
306	1	0	-6.982305	5.684583	-3.874237
307	1	0	-5.488659	4.695591	-3.598751
308	1	0	-6.860487	4.017418	-4.566549
309	8	0	-8.735304	-2.433395	-0.761790
310	7	0	-6.619871	-3.173777	-1.242339
311	6	0	-6.806724	-3.111701	2.131786
312	6	0	-6.829152	-0.725692	2.808010
313	1	0	-8.454115	-1.749416	1.817096
314	1	0	-5.621387	-3.058468	-1.048729
315	6	0	-7.031492	-4.308359	-2.082403
316	1	0	-7.056503	-3.357316	3.192416
317	1	0	-7.272627	-3.885100	1.474247
318	1	0	-5.697034	-3.159476	2.007089
319	1	0	-7.055694	-1.088108	3.840174
320	1	0	-5.724690	-0.584895	2.715019
321	1	0	-7.327773	0.264207	2.671889
322	6	0	-6.587974	-5.599671	-1.348679
323	6	0	-6.387505	-4.334330	-3.457459
324	1	0	-8.122130	-4.270923	-2.179907
325	8	0	-5.390079	-5.773341	-1.068941
326	7	0	-7.571706	-6.475844	-1.041487
327	6	0	-6.886604	-3.267662	-4.364582
328	1	0	-5.268332	-4.251954	-3.356457
329	1	0	-6.603563	-5.342000	-3.909306
330	1	0	-8.546144	-6.232034	-1.241213
331	6	0	-7.274499	-7.666777	-0.234716
332	6	0	-6.334417	-1.980355	-4.316688
333	6	0	-7.885141	-3.551266	-5.302594
334	6	0	-7.777667	-8.949720	-0.931178
335	6	0	-7.795107	-7.607195	1.187047
336	1	0	-6.181457	-7.716592	-0.168225
337	6	0	-6.757679	-0.991040	-5.196644
338	1	0	-5.556948	-1.748438	-3.570753
339	6	0	-8.318578	-2.576116	-6.197246
340	1	0	-8.334456	-4.555695	-5.338083
341	8	0	-8.923246	-9.052897	-1.397008



342	7	0	-6.868528	-9.947453	-0.965848
343	6	0	-9.284148	-7.380951	1.329735
344	1	0	-7.513738	-8.569455	1.695525
345	1	0	-7.248295	-6.778824	1.719528
346	6	0	-7.750205	-1.296213	-6.142715
347	1	0	-6.334941	0.023436	-5.158734
348	1	0	-9.103611	-2.803981	-6.931648
349	1	0	-5.921015	-9.764389	-0.632180
350	6	0	-7.176551	-11.246137	-1.546139
351	6	0	-9.654658	-7.325416	2.798257
352	1	0	-9.584508	-6.423389	0.825686
353	1	0	-9.845143	-8.207827	0.816903
354	8	0	-8.112020	-0.284792	-7.003171
355	1	0	-6.407804	-11.960961	-1.240119
356	1	0	-8.152666	-11.596711	-1.195906
357	1	0	-7.203100	-11.203250	-2.642924
358	6	0	-11.141200	-7.021882	2.969945
359	1	0	-9.407659	-8.303499	3.288768
360	1	0	-9.040098	-6.535759	3.308472
361	1	0	-8.874167	-0.589315	-7.517132
362	7	0	-11.553050	-6.946219	4.351761
363	1	0	-11.374921	-6.072691	2.396327
364	1	0	-11.735079	-7.854667	2.493208
365	1	0	-10.975567	-6.312471	4.866974
366	1	0	-12.505732	-6.647728	4.414297
367	1	0	0.373175	3.379565	5.565675
368	7	0	-0.587026	3.233148	5.882058
369	6	0	-1.641877	3.240304	5.034127
370	1	0	-0.781973	3.136830	6.869819
371	6	0	-1.315362	3.449345	3.559760
372	8	0	-2.811102	3.091903	5.421193
373	6	0	-1.900474	4.782574	3.054482
374	1	0	-1.767657	2.611504	3.014396
375	1	0	-0.232881	3.417988	3.397435
376	6	0	-1.652809	5.015929	1.550837
377	1	0	-1.443831	5.616295	3.601668
378	1	0	-2.977067	4.808830	3.252667
379	7	0	-2.124787	6.340932	1.154930
380	6	0	-2.396551	3.962736	0.706341
381	1	0	-0.583614	4.975265	1.334236
382	1	0	-3.122471	6.552696	1.265289
383	6	0	-1.297085	7.290876	0.669273
384	8	0	-3.631646	3.870342	0.768202

385	7	0	-1.613680	3.180398	-0.069921
386	6	0	-1.963102	8.648670	0.337278
387	8	0	-0.075226	7.134809	0.507383
388	1	0	-0.600107	3.321407	-0.054390
389	6	0	-2.166128	2.136785	-0.949850
390	7	0	-1.298270	9.680002	1.146871
391	6	0	-1.866891	8.879866	-1.168527
392	1	0	-3.017938	8.637760	0.633579
393	6	0	-1.591501	0.784007	-0.458306
394	6	0	-1.814632	2.313023	-2.425001
395	1	0	-3.254858	2.154380	-0.833190
396	6	0	-1.970625	10.442946	2.045809
397	1	0	-0.298822	9.841500	1.004470
398	6	0	-2.600632	7.773700	-1.902449
399	6	0	-2.446330	10.224836	-1.555990
400	1	0	-0.778597	8.851433	-1.468493
401	8	0	-0.362335	0.607033	-0.419317
402	7	0	-2.503150	-0.131074	-0.063357
403	6	0	-2.368813	3.622034	-2.972500
404	6	0	-2.365049	1.136356	-3.208565
405	1	0	-0.690535	2.321670	-2.528645
406	6	0	-1.117671	11.443576	2.811522
407	8	0	-3.190263	10.346157	2.260529
408	1	0	-2.581322	7.967658	-3.001896
409	1	0	-2.117366	6.784614	-1.711244
410	1	0	-3.665919	7.720786	-1.568803
411	1	0	-2.463421	10.326206	-2.668335
412	1	0	-3.491898	10.324317	-1.174667
413	1	0	-1.833716	11.059287	-1.138952
414	1	0	-3.499997	0.105613	-0.106455
415	6	0	-2.105766	-1.424647	0.511785
416	6	0	-1.762804	3.984632	-4.304895
417	1	0	-3.484363	3.537061	-3.072863
418	1	0	-2.165909	4.457892	-2.251317
419	1	0	-2.197299	1.287584	-4.302254
420	1	0	-1.854980	0.188017	-2.907318
421	1	0	-3.462350	1.023159	-3.029691
422	1	0	-1.563404	12.437157	2.698086
423	1	0	-1.154753	11.185853	3.875696
424	1	0	-0.078897	11.458608	2.472018
425	6	0	-2.708814	-2.563213	-0.349916
426	6	0	-2.576360	-1.626853	1.951487
427	1	0	-1.012116	-1.467331	0.484369

428	1	0	-2.122549	4.992553	-4.625517
429	1	0	-0.647688	4.013382	-4.237060
430	1	0	-2.046996	3.246675	-5.093255
431	8	0	-3.930586	-2.627372	-0.544435
432	7	0	-1.810330	-3.450967	-0.833057
433	6	0	-2.085196	-2.965019	2.470144
434	6	0	-2.082820	-0.514551	2.853794
435	1	0	-3.705866	-1.628924	1.962989
436	1	0	-0.817226	-3.313808	-0.626263
437	6	0	-2.201337	-4.687912	-1.527363
438	1	0	-2.341146	-3.070474	3.552329
439	1	0	-2.565521	-3.806332	1.913980
440	1	0	-0.976457	-3.049508	2.356655
441	1	0	-2.339802	-0.742698	3.916775
442	1	0	-0.973875	-0.406046	2.771788
443	1	0	-2.557526	0.459704	2.584609
444	6	0	-1.783829	-5.861447	-0.605092
445	6	0	-1.505867	-4.902438	-2.859942
446	1	0	-3.287708	-4.663933	-1.666506
447	8	0	-0.586631	-6.017412	-0.311557
448	7	0	-2.783349	-6.649825	-0.146153
449	6	0	-1.923326	-3.941056	-3.913756
450	1	0	-0.389535	-4.843582	-2.718100
451	1	0	-1.740410	-5.951224	-3.193296
452	1	0	-3.752945	-6.432126	-0.393725
453	6	0	-2.492418	-7.703835	0.834168
454	6	0	-1.338337	-2.669322	-3.984973
455	6	0	-2.871943	-4.314266	-4.871960
456	6	0	-3.060282	-9.067110	0.382711
457	6	0	-2.938301	-7.397388	2.249516
458	1	0	-1.399419	-7.782285	0.864317
459	6	0	-1.681547	-1.783640	-4.999843
460	1	0	-0.597977	-2.366672	-3.226719
461	6	0	-3.223788	-3.444693	-5.901148
462	1	0	-3.346423	-5.306129	-4.816294
463	8	0	-4.229041	-9.215115	-0.008598
464	7	0	-2.173625	-10.081827	0.479430
465	6	0	-4.406319	-7.079391	2.429336
466	1	0	-2.668775	-8.282167	2.889087
467	1	0	-2.330976	-6.523896	2.620291
468	6	0	-2.624492	-2.179337	-5.962926
469	1	0	-1.233446	-0.781064	-5.056637
470	1	0	-3.970412	-3.742313	-6.650476

471	1	0	-1.210707	-9.870937	0.745024
472	6	0	-2.534488	-11.452707	0.149569
473	6	0	-4.696365	-6.837338	3.897610
474	1	0	-4.683560	-6.170495	1.831669
475	1	0	-5.031911	-7.928007	2.041516
476	8	0	-2.904555	-1.271947	-6.959219
477	1	0	-1.770680	-12.125226	0.549437
478	1	0	-3.502884	-11.706303	0.592656
479	1	0	-2.605379	-11.602894	-0.935630
480	6	0	-6.160497	-6.462430	4.112662
481	1	0	-4.450994	-7.759057	4.488312
482	1	0	-4.031782	-6.014927	4.277391
483	1	0	-3.656607	-1.609997	-7.467088
484	7	0	-6.488370	-6.222699	5.497655
485	1	0	-6.395873	-5.571643	3.451487
486	1	0	-6.809481	-7.316981	3.759994
487	1	0	-5.900404	-5.516825	5.892676
488	1	0	-7.445081	-5.944346	5.585192
489	1	0	10.128676	4.474830	4.319006
490	7	0	9.186534	4.416494	4.706637
491	6	0	8.096130	4.188870	3.936658
492	1	0	9.037080	4.582137	5.693144
493	6	0	8.355916	4.000758	2.446464
494	8	0	6.948148	4.139853	4.403241
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497	1	0	9.430874	3.933078	2.247352
498	6	0	7.909616	4.980029	0.112349
499	1	0	8.187072	6.100987	1.921759
500	1	0	6.657762	5.216755	1.864471
501	7	0	7.389741	6.147492	-0.595341
502	6	0	7.164827	3.730004	-0.393209
503	1	0	8.970847	4.901395	-0.131186
504	6	0	8.176964	6.947399	-1.346133
505	1	0	6.392964	6.371018	-0.502446
506	8	0	5.933742	3.647251	-0.267860
507	7	0	7.939809	2.774593	-0.950996
508	6	0	7.468301	8.165822	-1.986241
509	8	0	9.395094	6.764689	-1.514059
510	1	0	8.948632	2.929502	-1.020448
511	6	0	7.387193	1.521385	-1.491539
512	7	0	8.128532	9.377141	-1.478846
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514	1	0	6.421702	8.210512	-1.664807
515	6	0	7.991281	0.365275	-0.651927
516	6	0	7.705716	1.280774	-2.965331
517	1	0	6.300925	1.559208	-1.358279
518	6	0	7.458473	10.345890	-0.804096
519	1	0	9.122762	9.505198	-1.678016
520	6	0	6.803193	6.742660	-3.915147
521	6	0	6.893954	9.205569	-4.197574
522	1	0	8.602504	7.934898	-3.820775
523	8	0	9.222381	0.209248	-0.592424
524	7	0	7.095233	-0.400352	0.008947
525	6	0	7.177911	2.412061	-3.837981
526	6	0	7.099862	-0.043475	-3.389800
527	1	0	8.826536	1.221612	-3.086294
528	6	0	8.309135	11.520884	-0.344194
529	8	0	6.243342	10.301246	-0.553107
530	1	0	6.791768	6.654216	-5.028174
531	1	0	7.319241	5.844523	-3.496088
532	1	0	5.747766	6.751951	-3.547992
533	1	0	6.846883	9.024527	-5.298875
534	1	0	5.855548	9.374711	-3.821141
535	1	0	7.492055	10.131150	-4.021206
536	1	0	6.095577	-0.194673	-0.088254
537	6	0	7.507416	-1.489892	0.906324
538	6	0	7.674478	2.320036	-5.258810
539	1	0	6.054939	2.392000	-3.827401
540	1	0	7.495280	3.402516	-3.415838
541	1	0	7.318746	-0.245700	-4.466874
542	1	0	7.531353	-0.884645	-2.792453
543	1	0	5.991765	-0.033585	-3.245285
544	1	0	7.862347	12.443350	-0.729266
545	1	0	8.270525	11.568565	0.749518
546	1	0	9.348151	11.444492	-0.674358
547	6	0	6.904873	-2.819738	0.385640
548	6	0	7.049156	-1.296594	2.350702
549	1	0	8.601445	-1.532688	0.879041
550	1	0	7.358717	3.225728	-5.831737
551	1	0	8.789795	2.257367	-5.285027
552	1	0	7.260358	1.420451	-5.774743
553	8	0	5.681389	-2.942030	0.231580
554	7	0	7.807200	-3.796483	0.144301
555	6	0	7.476567	-2.480987	3.196083
556	6	0	7.613472	-0.018341	2.935907

557	1	0	5.921269	-1.236611	2.364656
558	1	0	8.803658	-3.597955	0.263676
559	6	0	7.425672	-5.166675	-0.232038
560	1	0	7.228423	-2.290113	4.268492
561	1	0	6.945112	-3.409802	2.874886
562	1	0	8.577352	-2.652149	3.111432
563	1	0	7.337842	0.061737	4.015499
564	1	0	8.727558	-0.007501	2.851962
565	1	0	7.207413	0.877144	2.406807
566	6	0	7.821881	-6.073244	0.960665
567	1	0	6.342837	-5.179639	-0.397072
568	8	0	9.015539	-6.147032	1.298409
569	7	0	6.816258	-6.720503	1.591966
570	6	0	7.947459	-4.886442	-2.680450
571	1	0	5.848112	-6.572297	1.291397
572	6	0	7.099527	-7.490733	2.810118
573	6	0	8.715460	-3.733491	-2.897119
574	6	0	6.479007	-8.904080	2.745985
575	6	0	6.705138	-6.806578	4.103631
576	1	0	8.189606	-7.598532	2.841690
577	6	0	8.561479	-2.984248	-4.057547
578	1	0	9.450174	-3.415645	-2.137886
579	8	0	5.299365	-9.116309	2.423007
580	7	0	7.339614	-9.883596	3.103181
581	6	0	5.252196	-6.404604	4.223970
582	1	0	6.970553	-7.499506	4.948528
583	1	0	7.345620	-5.886588	4.217451
584	6	0	7.625297	-3.398839	-5.019608
585	1	0	9.155141	-2.074604	-4.230672
586	1	0	8.311068	-9.635078	3.290926
587	6	0	6.935269	-11.280658	3.160104
588	6	0	5.013750	-5.759855	5.575068
589	1	0	4.978341	-5.685773	3.406371
590	1	0	4.595631	-7.307552	4.098830
591	8	0	7.522655	-2.621734	-6.151435
592	1	0	7.699507	-11.848615	3.697619
593	1	0	5.980757	-11.378300	3.687469
594	1	0	6.816328	-11.708639	2.156311
595	6	0	3.554522	-5.339979	5.730054
596	1	0	5.289400	-6.478632	6.391338
597	1	0	5.682580	-4.863741	5.683252
598	1	0	6.783238	-2.959082	-6.678103
599	7	0	3.270419	-4.735939	7.009453

600	1	0	3.290304	-4.659836	4.861747
601	1	0	2.903007	-6.258503	5.640267
602	1	0	3.840945	-3.929599	7.164607
603	1	0	2.306011	-4.476652	7.065299
604	6	0	6.853153	-4.550824	-4.819034
605	1	0	6.118082	-4.865256	-5.573039
606	6	0	7.017555	-5.284016	-3.646331
607	1	0	6.405403	-6.184069	-3.481144
608	6	0	8.154243	-5.699174	-1.453712
609	1	0	7.792658	-6.749979	-1.625928
610	1	0	9.257592	-5.757856	-1.231294
611	1	0	5.248774	3.967044	5.023238
612	7	0	4.296830	3.847483	5.373382
613	6	0	3.228305	3.724223	4.551932
614	1	0	4.120766	3.874795	6.369008
615	6	0	3.525768	3.746974	3.057122
616	8	0	2.068919	3.606002	4.977210
617	6	0	2.911965	4.998077	2.398507
618	1	0	3.077090	2.840870	2.630731
619	1	0	4.605400	3.709149	2.877342
620	6	0	3.131633	5.042098	0.873360
621	1	0	3.365588	5.900348	2.826521
622	1	0	1.838847	5.035805	2.613413
623	7	0	2.639931	6.301508	0.321146
624	6	0	2.388571	3.884654	0.179747
625	1	0	4.197906	4.984041	0.647077
626	6	0	3.450481	7.184227	-0.301203
627	1	0	1.641148	6.516228	0.413182
628	8	0	1.152671	3.805935	0.248411
629	7	0	3.171917	3.000055	-0.474920
630	6	0	2.763470	8.478147	-0.802034
631	8	0	4.671419	7.016011	-0.460452
632	1	0	4.185730	3.140331	-0.477912
633	6	0	2.621413	1.844586	-1.202562
634	7	0	3.425419	9.616152	-0.148909
635	6	0	2.836141	8.504717	-2.326664
636	1	0	1.713035	8.495713	-0.490893
637	6	0	3.198760	0.574451	-0.527916
638	6	0	2.971420	1.816517	-2.688297
639	1	0	1.532657	1.874594	-1.089441
640	6	0	2.754263	10.491668	0.642091
641	1	0	4.421271	9.765343	-0.325710
642	6	0	2.104416	7.302918	-2.893160

643	6	0	2.236530	9.779719	-2.883129
644	1	0	3.920373	8.445981	-2.636659
645	8	0	4.427921	0.412885	-0.450646
646	7	0	2.286988	-0.284679	-0.022602
647	6	0	2.411200	3.034863	-3.410952
648	6	0	2.424100	0.540416	-3.299388
649	1	0	4.095336	1.814707	-2.794210
650	6	0	3.604651	11.597592	1.249646
651	8	0	1.538131	10.415407	0.883038
652	1	0	2.104241	7.347761	-4.008849
653	1	0	2.602413	6.353204	-2.579446
654	1	0	1.045180	7.284804	-2.537252
655	1	0	2.201471	9.729214	-3.998522
656	1	0	1.195879	9.921133	-2.501580
657	1	0	2.846476	10.668196	-2.593115
658	1	0	1.289825	-0.062874	-0.111152
659	6	0	2.683116	-1.486982	0.725361
660	6	0	3.022273	3.219146	-4.777123
661	1	0	1.297056	2.927389	-3.505152
662	1	0	2.602462	3.962512	-2.808645
663	1	0	2.579583	0.542554	-4.405264
664	1	0	2.946289	-0.354156	-2.877967
665	1	0	1.329668	0.443877	-3.094275
666	1	0	3.149947	12.561545	0.999172
667	1	0	3.577861	11.494656	2.339999
668	1	0	4.640612	11.571633	0.902294
669	6	0	2.090517	-2.731080	0.016667
670	6	0	2.199213	-1.495375	2.174530
671	1	0	3.777202	-1.527632	0.713538
672	1	0	2.643538	4.162991	-5.239588
673	1	0	4.135708	3.283254	-4.706756
674	1	0	2.762276	2.370682	-5.454890
675	8	0	0.868653	-2.832916	-0.161815
676	7	0	2.997594	-3.660379	-0.359578
677	6	0	2.672384	-2.758394	2.868621
678	6	0	2.697391	-0.279026	2.927629
679	1	0	1.069710	-1.486445	2.175954
680	1	0	3.989188	-3.489982	-0.171313
681	6	0	2.618367	-4.976940	-0.897427
682	1	0	2.395765	-2.723648	3.950330
683	1	0	2.196799	-3.661939	2.415277
684	1	0	3.782316	-2.861250	2.788345
685	1	0	2.424680	-0.360581	4.007883



686	1	0	3.808669	-0.196184	2.846978
687	1	0	2.240106	0.656624	2.524719
688	6	0	3.021651	-6.021029	0.174598
689	1	0	1.534798	-4.973707	-1.058600
690	8	0	4.216913	-6.138586	0.493159
691	7	0	2.017874	-6.738909	0.728722
692	6	0	2.985447	-4.515886	-3.347154
693	1	0	1.049289	-6.557390	0.449298
694	6	0	2.305225	-7.655684	1.839813
695	6	0	3.602190	-3.271817	-3.538108
696	6	0	1.705181	-9.056023	1.585584
697	6	0	1.892692	-7.150146	3.207299
698	1	0	3.396757	-7.752408	1.864729
699	6	0	3.320766	-2.502661	-4.661260
700	1	0	4.319278	-2.897710	-2.789272
701	8	0	0.527159	-9.236915	1.238071
702	7	0	2.579528	-10.063870	1.799459
703	6	0	0.434622	-6.780992	3.366807
704	1	0	2.158807	-7.945181	3.956784
705	1	0	2.522581	-6.246900	3.445810
706	6	0	2.408149	-2.988915	-5.611956
707	1	0	3.794123	-1.521803	-4.812691
708	1	0	3.547641	-9.834845	2.026937
709	6	0	2.191423	-11.459376	1.655173
710	6	0	0.178970	-6.328700	4.791056
711	1	0	0.160842	-5.959669	2.652279
712	1	0	-0.212430	-7.663693	3.113555
713	8	0	2.190310	-2.197347	-6.716658
714	1	0	3.005693	-12.090536	2.020740
715	1	0	1.287247	-11.670335	2.236654
716	1	0	1.989277	-11.712850	0.606855
717	6	0	-1.282152	-5.932411	4.985725
718	1	0	0.445300	-7.153641	5.503413
719	1	0	0.846164	-5.456966	5.030023
720	1	0	1.450402	-2.576310	-7.213441
721	7	0	-1.580500	-5.505151	6.331506
722	1	0	-1.537842	-5.141864	4.213843
723	1	0	-1.932361	-6.830058	4.767632
724	1	0	-1.002642	-4.736128	6.604510
725	1	0	-2.542303	-5.241277	6.407351
726	6	0	1.777169	-4.227251	-5.431365
727	1	0	1.054124	-4.595085	-6.172634
728	6	0	2.067487	-4.979198	-4.295888

729	1	0	1.568240	-5.949171	-4.147683
730	6	0	3.342128	-5.358779	-2.176374
731	1	0	3.088239	-6.433134	-2.393906
732	1	0	4.455121	-5.310261	-2.006485
733	1	0	14.991128	4.812645	3.433852
734	7	0	14.053966	4.813599	3.831676
735	6	0	12.951180	4.509706	3.104395
736	1	0	13.920363	5.084943	4.796858
737	6	0	13.190533	4.147466	1.642723
738	8	0	11.810221	4.527001	3.587144
739	6	0	12.516259	5.170318	0.708385
740	1	0	12.753239	3.153132	1.487856
741	1	0	14.263181	4.079514	1.430830
742	6	0	12.667913	4.819085	-0.786229
743	1	0	12.959324	6.161456	0.864622
744	1	0	11.452477	5.244122	0.956674
745	7	0	12.113961	5.889074	-1.612894
746	6	0	11.928503	3.505904	-1.109968
747	1	0	13.724205	4.724845	-1.044107
748	6	0	12.869770	6.604635	-2.472971
749	1	0	11.117575	6.114822	-1.517153
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752	6	0	12.129688	7.738910	-3.225732
753	8	0	14.084197	6.407755	-2.660872
754	1	0	13.712713	2.623573	-1.606979
755	6	0	12.154420	1.157096	-1.879361
756	7	0	12.789253	9.012258	-2.896759
757	6	0	12.125443	7.402769	-4.714584
758	1	0	11.095717	7.816350	-2.871344
759	6	0	12.790331	0.106834	-0.930663
760	6	0	12.446845	0.747349	-3.320573
761	1	0	11.070900	1.204656	-1.727411
762	6	0	12.125122	10.045200	-2.312671
763	1	0	13.758362	9.153251	-3.183904
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765	1	0	13.193556	7.270698	-5.056357
766	8	0	14.023659	-0.045631	-0.903229
767	7	0	11.922870	-0.577541	-0.150967
768	6	0	11.837839	1.728339	-4.313787
769	6	0	11.906921	-0.650357	-3.558475
770	1	0	13.566169	0.729151	-3.466736
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772	8	0	10.927965	9.999689	-1.991454
773	1	0	11.385762	8.188930	-6.593717
774	1	0	10.466463	8.744799	-5.132682
775	1	0	12.103353	9.436765	-5.498347
776	1	0	10.919952	-0.379164	-0.225937
777	6	0	12.384350	-1.533753	0.866314
778	6	0	12.411663	1.562587	-5.698544
779	1	0	10.724962	1.579203	-4.343496
780	1	0	12.019044	2.783681	-3.977734
781	1	0	12.041040	-0.942415	-4.628596
782	1	0	12.454940	-1.396194	-2.930308
783	1	0	10.818581	-0.700963	-3.309172
784	1	0	12.439457	12.150266	-2.483397
785	1	0	13.002990	11.449752	-0.964069
786	1	0	13.969523	11.219423	-2.452600
787	6	0	11.761188	-2.924931	0.581323
788	6	0	12.016163	-1.131920	2.294187
789	1	0	13.474816	-1.585603	0.781625
790	1	0	11.999059	2.346764	-6.378788
791	1	0	13.524719	1.661335	-5.679552
792	1	0	12.156717	0.562177	-6.124218
793	8	0	10.537227	-3.056355	0.446138
794	7	0	12.651434	-3.942891	0.528298
795	6	0	12.513202	-2.177227	3.274336
796	6	0	12.601798	0.219886	2.648461
797	1	0	10.891326	-1.072018	2.372566
798	1	0	13.650608	-3.730242	0.561612
799	6	0	12.258970	-5.352900	0.368240
800	1	0	12.356578	-1.822756	4.322154
801	1	0	11.958518	-3.138138	3.145604
802	1	0	13.603657	-2.370637	3.125393
803	1	0	12.398557	0.454521	3.721590
804	1	0	13.707720	0.222383	2.487551
805	1	0	12.148594	1.027772	2.025112
806	6	0	12.642125	-6.084640	1.682522
807	1	0	11.175928	-5.379007	0.203930
808	8	0	13.839049	-6.167569	2.010723
809	7	0	11.621045	-6.581368	2.417978
810	6	0	12.856150	-5.406073	-2.081585
811	1	0	10.653764	-6.452156	2.104648
812	6	0	11.892601	-7.192371	3.725557
813	6	0	13.703547	-4.340386	-2.418248
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815	6	0	11.518211	-6.340986	4.922278
816	1	0	12.979504	-7.318806	3.766799
817	6	0	13.619762	-3.731919	-3.664882
818	1	0	14.445749	-3.977659	-1.685729
819	8	0	10.058173	-8.819907	3.556407
820	7	0	12.087549	-9.542407	4.302036
821	6	0	10.072885	-5.901031	4.988162
822	1	0	11.770328	-6.928221	5.847616
823	1	0	12.177487	-5.427362	4.924601
824	6	0	12.674773	-4.201683	-4.592587
825	1	0	14.278983	-2.893073	-3.933777
826	1	0	13.060230	-9.291732	4.471502
827	6	0	11.652254	-10.915375	4.515334
828	6	0	9.844535	-5.083008	6.243495
829	1	0	9.809814	-5.290363	4.083713
830	1	0	9.401755	-6.802193	4.979986
831	8	0	12.637760	-3.560565	-5.810082
832	1	0	12.481379	-11.484933	4.943275
833	1	0	10.801070	-10.952784	5.204777
834	1	0	11.348673	-11.386289	3.572594
835	6	0	8.385733	-4.646228	6.349698
836	1	0	10.124609	-5.687527	7.146314
837	1	0	10.514275	-4.181409	6.228264
838	1	0	11.900539	-3.929134	-6.318497
839	7	0	8.110331	-3.871747	7.535625
840	1	0	8.114389	-4.092822	5.397620
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843	1	0	7.143732	-3.616756	7.568266
844	6	0	11.827474	-5.271399	-4.273900
845	1	0	11.088422	-5.631188	-5.003270
846	6	0	11.922407	-5.863159	-3.016678
847	1	0	11.250987	-6.696877	-2.759472
848	6	0	12.984949	-6.069302	-0.757978
849	1	0	12.571273	-7.113469	-0.810845
850	1	0	14.078507	-6.155740	-0.496412
851	6	0	11.381246	6.100253	-4.940074
852	1	0	11.906844	5.252791	-4.436088
853	1	0	10.341560	6.167023	-4.535448
854	1	0	11.324281	5.878220	-6.032883
855	1	0	19.909523	4.838023	2.569726
856	7	0	18.986219	4.922766	2.967870
857	6	0	17.862074	4.639258	2.249927

858	1	0	18.886916	5.260978	3.916089
859	6	0	18.078015	4.154644	0.820801
860	8	0	16.734260	4.766134	2.733126
861	6	0	17.387830	5.094118	-0.186594
862	1	0	17.641631	3.148642	0.767939
863	1	0	19.146636	4.059624	0.591981
864	6	0	17.458422	4.596423	-1.647428
865	1	0	17.855927	6.084894	-0.152803
866	1	0	16.337367	5.215309	0.095618
867	7	0	16.842879	5.559328	-2.549919
868	6	0	16.709994	3.262364	-1.793845
869	1	0	18.505036	4.498642	-1.953531
870	6	0	17.587987	6.380626	-3.333922
871	1	0	15.824005	5.670868	-2.534280
872	8	0	15.482083	3.226969	-1.639843
873	7	0	17.464048	2.176698	-2.077683
874	6	0	16.767528	7.330304	-4.241468
875	8	0	18.824146	6.402375	-3.342016
876	1	0	18.472583	2.262249	-2.119389
877	6	0	16.914595	0.810975	-2.155529
878	7	0	17.428304	8.640699	-4.180706
879	6	0	16.681911	6.730618	-5.643308
880	1	0	15.752160	7.455139	-3.850753
881	6	0	17.591755	0.001498	-1.014803
882	6	0	17.168455	0.118227	-3.491191
883	1	0	15.834922	0.884605	-1.988711
884	6	0	16.782577	9.786428	-3.840941
885	1	0	18.438996	8.630082	-4.247416
886	6	0	15.909724	5.425171	-5.592125
887	6	0	16.010754	7.688115	-6.607611
888	1	0	17.725296	6.520159	-6.014566
889	8	0	18.805265	0.108988	-0.807194
890	7	0	16.750631	-0.789729	-0.295010
891	6	0	16.513249	0.873239	-4.642368
892	6	0	16.633731	-1.300884	-3.423345
893	1	0	18.280329	0.077085	-3.674015
894	6	0	17.657023	11.026655	-3.725824
895	8	0	15.562234	9.845736	-3.635103
896	1	0	15.646715	5.095606	-6.626246
897	1	0	16.521736	4.620830	-5.117633
898	1	0	14.965244	5.548788	-5.004818
899	1	0	15.852022	7.187792	-7.593754
900	1	0	15.018750	8.013171	-6.209379

901	1	0	16.640244	8.594091	-6.775962
902	1	0	15.741255	-0.707157	-0.443130
903	6	0	17.236662	-1.570043	0.847115
904	6	0	17.117304	0.505512	-5.974395
905	1	0	15.412684	0.648854	-4.651012
906	1	0	16.619158	1.980607	-4.497275
907	1	0	16.602396	-1.751761	-4.444566
908	1	0	17.289835	-1.937201	-2.781981
909	1	0	15.598650	-1.311090	-2.998835
910	1	0	17.288058	11.779681	-4.429319
911	1	0	17.550564	11.436972	-2.716602
912	1	0	18.715257	10.834544	-3.927439
913	6	0	16.609585	-2.984276	0.773642
914	6	0	16.903991	-0.978250	2.219719
915	1	0	18.327825	-1.614052	0.744612
916	1	0	16.612945	1.075559	-6.792099
917	1	0	18.207166	0.749337	-5.995389
918	1	0	16.998963	-0.584952	-6.184033
919	8	0	15.408846	-3.130278	0.513580
920	7	0	17.457596	-4.012118	1.025084
921	6	0	17.724552	-1.659972	3.297931
922	6	0	17.160043	0.515975	2.253570
923	1	0	15.808906	-1.155042	2.429711
924	1	0	18.387677	-3.794982	1.368152
925	6	0	17.000953	-5.384513	1.291864
926	1	0	17.514075	-1.186836	4.288024
927	1	0	17.478734	-2.746619	3.377944
928	1	0	18.816529	-1.557737	3.086357
929	1	0	17.153966	0.882941	3.308485
930	1	0	18.151882	0.753732	1.796432
931	1	0	16.367391	1.066109	1.690690
932	6	0	17.291367	-5.682445	2.788559
933	1	0	15.928884	-5.435751	1.073484
934	8	0	18.327549	-5.259411	3.311072
935	7	0	16.390455	-6.479620	3.427680
936	6	0	17.676671	-6.263966	-0.973719
937	1	0	15.442611	-6.568038	3.050486
938	6	0	16.648473	-6.845144	4.823429
939	6	0	18.650699	-5.500743	-1.632082
940	6	0	15.906801	-8.151028	5.181421
941	6	0	16.331505	-5.774565	5.852702
942	1	0	17.731156	-7.021087	4.892725
943	6	0	18.626497	-5.350450	-3.013371

944	1	0	19.445691	-5.012253	-1.047739
945	8	0	14.802334	-8.451569	4.713793
946	7	0	16.552811	-8.932029	6.084246
947	6	0	14.889700	-5.317319	5.857142
948	1	0	16.600121	-6.173511	6.867675
949	1	0	16.999581	-4.891067	5.654515
950	6	0	17.607939	-5.978861	-3.749631
951	1	0	19.386004	-4.753397	-3.536914
952	1	0	17.476562	-8.655298	6.387248
953	6	0	15.979764	-10.166301	6.610042
954	6	0	14.655895	-4.328290	6.979838
955	1	0	14.634254	-4.840596	4.873494
956	1	0	14.209551	-6.204111	5.975023
957	8	0	17.637086	-5.800879	-5.113397
958	1	0	16.532530	-10.461656	7.505590
959	1	0	14.930568	-10.006642	6.875811
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961	6	0	13.199795	-3.866950	6.988785
962	1	0	14.908135	-4.804157	7.963753
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964	1	0	16.858379	-6.237897	-5.488048
965	7	0	12.899147	-2.963284	8.072190
966	1	0	12.966309	-3.421622	5.972649
967	1	0	12.533901	-4.771752	7.108912
968	1	0	13.487800	-2.155469	8.045276
969	1	0	11.940858	-2.679679	8.034239
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971	1	0	15.833312	-7.233978	-3.689019
972	6	0	16.669242	-6.882565	-1.721168
973	1	0	15.899583	-7.483071	-1.211840
974	6	0	17.742659	-6.449393	0.499102
975	1	0	17.290689	-7.442048	0.775236
976	1	0	18.820702	-6.471251	0.821644

P Pl (Ac-VQIVYK-NHMe)<sub>9</sub>

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5	1	0	-17.154794	10.114358	6.640663
6	8	0	-20.089817	8.933542	5.648182
7	7	0	-18.112318	9.143040	4.510694
8	1	0	-17.120557	9.384294	4.554637
9	6	0	-18.637247	8.536307	3.283293
10	6	0	-18.083043	7.093579	3.201987
11	6	0	-18.255428	9.275866	2.006391
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14	7	0	-18.980156	6.097945	3.389507
15	6	0	-18.927198	8.617802	0.816336
16	6	0	-18.639673	10.739217	2.074767
17	1	0	-17.135849	9.200720	1.872575
18	1	0	-19.956829	6.331411	3.524703
19	6	0	-18.619174	4.680630	3.395372
20	1	0	-18.615241	9.129023	-0.126060
21	1	0	-18.637467	7.540919	0.746555
22	1	0	-20.038521	8.684346	0.902879
23	1	0	-18.479699	11.220658	1.079430
24	1	0	-19.714884	10.851609	2.354212
25	1	0	-18.017118	11.278622	2.828266
26	6	0	-19.328461	3.989303	2.213245
27	6	0	-19.014909	4.021879	4.733705
28	1	0	-17.536521	4.635960	3.260640
29	8	0	-20.544545	4.105303	2.042133
30	7	0	-18.508154	3.235015	1.426202
31	6	0	-18.480704	2.585472	4.877487
32	1	0	-18.610895	4.644246	5.542050
33	1	0	-20.105570	4.013599	4.837442
34	1	0	-17.495723	3.306223	1.549737
35	6	0	-19.007774	2.522917	0.242439
36	6	0	-18.901048	1.981034	6.219932
37	1	0	-18.909621	1.946811	4.095092
38	1	0	-17.390795	2.565012	4.765065
39	6	0	-18.401929	1.101547	0.291129
40	6	0	-18.631100	3.175931	-1.087679
41	1	0	-20.101019	2.500705	0.329031



42	8	0	-20.085409	1.888386	6.549111
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44	8	0	-17.173599	0.949216	0.332265
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46	6	0	-19.428539	4.457550	-1.296577
47	6	0	-18.863101	2.210089	-2.232157
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51	1	0	-20.276596	0.253043	0.278128
52	6	0	-18.857715	-1.342348	0.361881
53	6	0	-18.747302	5.394170	-2.261425
54	1	0	-20.451664	4.198036	-1.677953
55	1	0	-19.571874	4.983119	-0.314204
56	1	0	-18.740393	2.736931	-3.209643
57	1	0	-18.122301	1.373174	-2.190689
58	1	0	-19.893381	1.779425	-2.193233
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60	6	0	-19.223668	-2.040215	1.668288
61	1	0	-17.770238	-1.351494	0.238851
62	1	0	-19.345496	6.330845	-2.372592
63	1	0	-17.727852	5.667480	-1.893992
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66	7	0	-18.710701	-2.707065	-1.674082
67	6	0	-18.699086	-3.463440	1.645711
68	6	0	-18.660029	-1.304243	2.866565
69	1	0	-20.347688	-2.073320	1.757574
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71	6	0	-19.205053	-3.464203	-2.819477
72	1	0	-18.925920	-3.966950	2.616123
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74	1	0	-17.592585	-3.471182	1.489121
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76	1	0	-17.560747	-1.143940	2.746698
77	1	0	-19.151208	-0.309885	2.996422
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82	7	0	-19.374044	-5.837790	-3.388201
83	6	0	-19.935412	-1.846618	-4.586476
84	1	0	-17.887751	-2.365756	-4.183946

85	1	0	-18.878414	-3.659486	-4.957197
86	1	0	-20.207555	-5.536738	-3.883053
87	6	0	-18.863802	-7.160897	-3.772981
88	6	0	-19.759169	-0.485162	-4.311414
89	6	0	-21.083290	-2.265598	-5.269895
90	6	0	-18.731440	-7.201045	-5.321017
91	6	0	-19.731320	-8.313908	-3.311009
92	1	0	-17.875983	-7.273687	-3.310487
93	6	0	-20.706689	0.451545	-4.709932
94	1	0	-18.864603	-0.146648	-3.763544
95	6	0	-22.043746	-1.344605	-5.677613
96	1	0	-21.228280	-3.334453	-5.491859
97	8	0	-19.548523	-6.617786	-6.041857
98	7	0	-17.681421	-7.933220	-5.767801
99	6	0	-21.177544	-8.211221	-3.747199
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101	1	0	-19.685315	-8.376944	-2.189344
102	6	0	-21.851623	0.015431	-5.395811
103	1	0	-20.574989	1.520607	-4.488869
104	1	0	-22.944241	-1.679376	-6.210799
105	1	0	-16.985391	-8.240901	-5.088308
106	6	0	-17.412480	-8.114262	-7.185859
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108	1	0	-21.687820	-7.386894	-3.182150
109	1	0	-21.225233	-7.945726	-4.837951
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111	1	0	-17.205978	-9.168885	-7.403801
112	1	0	-18.292597	-7.794423	-7.747688
113	1	0	-16.552360	-7.513834	-7.511267
114	6	0	-23.373629	-9.380188	-3.911998
115	1	0	-21.423029	-10.337609	-4.091383
116	1	0	-21.834392	-9.790726	-2.418515
117	1	0	-23.512382	0.546432	-6.176623
118	7	0	-24.127161	-10.601332	-3.751939
119	1	0	-23.819748	-8.518235	-3.330063
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121	1	0	-24.005710	-10.982371	-2.834874
122	1	0	-25.100045	-10.431343	-3.910676
123	1	0	-15.169172	6.269179	2.963892
124	7	0	-14.165339	6.066900	2.914241
125	6	0	-13.296081	7.088489	2.759948
126	6	0	-13.733826	4.673511	3.022221
127	6	0	-13.924112	8.503256	2.704672

128	8	0	-12.064098	6.949483	2.682405
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133	6	0	-13.703351	9.072607	1.304733
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135	8	0	-15.701262	3.750351	1.964904
136	7	0	-13.670767	3.270570	1.015150
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138	1	0	-13.561359	4.770107	5.161382
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155	1	0	-14.157574	10.844989	0.142419
156	1	0	-15.276000	10.556579	1.541029
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162	7	0	-12.879863	1.853722	6.817309
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165	1	0	-12.198960	10.713625	5.561193
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169	6	0	-14.524315	2.198932	-2.552900
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171	1	0	-13.100064	1.536928	7.752084
172	1	0	-11.908830	2.013647	6.546942
173	1	0	-15.485597	0.286895	0.224926
174	6	0	-14.060549	-1.328253	0.312937
175	6	0	-13.876972	5.223493	-2.817728
176	1	0	-15.566182	4.479456	-1.688763
177	1	0	-14.190433	5.103597	-0.699890
178	1	0	-14.367521	2.648194	-3.563314
179	1	0	-14.050940	1.186234	-2.543767
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187	8	0	-15.944519	-2.218253	-0.937995
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204	7	0	-14.761923	-6.205025	-2.123378
205	6	0	-14.400513	-2.418272	-4.646266
206	1	0	-12.631841	-3.413108	-3.937438
207	1	0	-13.917846	-4.501686	-4.596636
208	1	0	-15.740129	-5.931436	-2.242511
209	6	0	-14.442691	-7.597522	-1.785586
210	6	0	-13.877336	-1.126217	-4.503446
211	6	0	-15.530698	-2.615850	-5.446913
212	6	0	-14.692550	-8.519615	-3.005805
213	6	0	-15.182622	-8.130658	-0.575942

214	1	0	-13.371654	-7.614410	-1.547883
215	6	0	-14.458556	-0.046676	-5.158685
216	1	0	-12.997202	-0.962667	-3.860781
217	6	0	-16.129332	-1.547594	-6.109848
218	1	0	-15.955126	-3.625861	-5.556632
219	8	0	-15.723809	-8.441386	-3.692708
220	7	0	-13.710423	-9.415555	-3.237006
221	6	0	-16.690340	-8.147795	-0.703682
222	1	0	-14.811713	-9.174505	-0.385338
223	1	0	-14.898689	-7.509426	0.317994
224	6	0	-15.587211	-0.263209	-5.966422
225	1	0	-14.055768	0.970415	-5.047117
226	1	0	-17.019405	-1.709319	-6.734054
227	1	0	-12.836911	-9.339515	-2.712719
228	6	0	-13.794102	-10.380189	-4.323565
229	6	0	-17.312502	-8.747556	0.540465
230	1	0	-17.080231	-7.105090	-0.857758
231	1	0	-16.986844	-8.743480	-1.608814
232	8	0	-16.111913	0.840155	-6.599987
233	1	0	-13.101758	-11.202961	-4.122975
234	1	0	-14.812112	-10.773862	-4.394622
235	1	0	-13.534906	-9.928289	-5.290539
236	6	0	-18.830449	-8.828301	0.392878
237	1	0	-16.896072	-9.773651	0.718540
238	1	0	-17.044476	-8.119955	1.431003
239	1	0	-16.916764	0.563709	-7.062191
240	7	0	-19.494515	-9.360283	1.559790
241	1	0	-19.209713	-7.800429	0.110047
242	1	0	-19.072712	-9.517760	-0.467106
243	1	0	-19.171713	-8.912838	2.394506
244	1	0	-20.483904	-9.234016	1.482467
245	1	0	-7.024141	2.500284	6.168547
246	7	0	-7.990321	2.326426	6.450761
247	6	0	-9.033672	2.492739	5.604253
248	1	0	-8.200580	2.083497	7.409724
249	6	0	-8.680235	2.919901	4.183766
250	8	0	-10.211182	2.317346	5.952124
251	6	0	-9.206707	4.339117	3.894844
252	1	0	-9.158751	2.199598	3.508502
253	1	0	-7.597593	2.872020	4.025918
254	6	0	-8.917851	4.810632	2.455854
255	1	0	-8.735205	5.054441	4.579813
256	1	0	-10.286103	4.372078	4.076114

257	7	0	-9.368679	6.188803	2.275668
258	6	0	-9.650204	3.920189	1.432363
259	1	0	-7.844069	4.790751	2.259407
260	6	0	-8.526412	7.198851	1.970692
261	1	0	-10.364196	6.391419	2.417062
262	8	0	-10.886812	3.832170	1.449905
263	7	0	-8.853646	3.264285	0.557937
264	6	0	-9.178863	8.598029	1.853675
265	8	0	-7.302542	7.062774	1.807064
266	1	0	-7.840943	3.403824	0.605666
267	6	0	-9.392977	2.391764	-0.499175
268	7	0	-8.539356	9.471719	2.848186
269	6	0	-9.031212	9.080548	0.412697
270	1	0	-10.242907	8.545468	2.109666
271	6	0	-8.799916	0.979590	-0.263114
272	6	0	-9.044267	2.839533	-1.916652
273	1	0	-10.481812	2.373508	-0.383034
274	1	0	-7.533069	9.637713	2.775843
275	6	0	-9.245307	10.106223	3.818557
276	6	0	-9.742807	8.122477	-0.523267
277	6	0	-9.592014	10.477191	0.240455
278	1	0	-7.933303	9.093137	0.148479
279	8	0	-7.568728	0.816024	-0.248468
280	7	0	-9.699431	-0.007097	-0.053516
281	6	0	-9.628006	4.213267	-2.220986
282	6	0	-9.567428	1.813290	-2.903846
283	1	0	-7.920545	2.891738	-2.011601
284	6	0	-8.418221	10.958464	4.769790
285	8	0	-10.475816	10.006922	3.955705
286	1	0	-9.671283	8.492941	-1.574225
287	1	0	-9.279815	7.106691	-0.476208
288	1	0	-10.822817	8.035474	-0.249662
289	1	0	-9.574772	10.764391	-0.838928
290	1	0	-10.648176	10.521727	0.602672
291	1	0	-8.988188	11.223383	0.809795
292	1	0	-10.699537	0.219235	-0.054283
293	6	0	-9.282428	-1.376633	0.283754
294	6	0	-9.009059	4.835824	-3.447061
295	1	0	-10.738483	4.118849	-2.361463
296	1	0	-9.464290	4.903440	-1.351030
297	1	0	-9.415854	2.172400	-3.950401
298	1	0	-9.026800	0.841598	-2.787178
299	1	0	-10.659056	1.634790	-2.744302

300	1	0	-8.841768	11.967987	4.787080
301	1	0	-8.516178	10.543206	5.778864
302	1	0	-7.363015	11.000273	4.488528
303	6	0	-9.899265	-2.355960	-0.746588
304	6	0	-9.719110	-1.828293	1.676872
305	1	0	-8.189555	-1.403450	0.226240
306	1	0	-9.397706	5.874133	-3.584887
307	1	0	-7.897186	4.886051	-3.346091
308	1	0	-9.251115	4.248366	-4.365290
309	8	0	-11.126428	-2.413648	-0.905609
310	7	0	-9.006571	-3.121918	-1.415137
311	6	0	-9.191227	-3.223366	1.952969
312	6	0	-9.228767	-0.873837	2.746078
313	1	0	-10.847873	-1.858079	1.706850
314	1	0	-8.008914	-3.009995	-1.214981
315	6	0	-9.411319	-4.219130	-2.306762
316	1	0	-9.436552	-3.521951	3.000976
317	1	0	-9.654199	-3.966793	1.259771
318	1	0	-8.081586	-3.258051	1.823326
319	1	0	-9.450345	-1.288884	3.759313
320	1	0	-8.125638	-0.719854	2.658263
321	1	0	-9.735476	0.117577	2.660067
322	6	0	-8.951136	-5.539033	-1.637120
323	6	0	-8.775389	-4.172925	-3.685025
324	1	0	-10.502816	-4.188169	-2.396581
325	8	0	-7.749906	-5.714948	-1.373912
326	7	0	-9.925095	-6.437076	-1.363275
327	6	0	-9.296700	-3.074108	-4.539860
328	1	0	-7.656951	-4.077718	-3.587004
329	1	0	-8.978719	-5.162349	-4.180938
330	1	0	-10.902950	-6.192901	-1.545038
331	6	0	-9.612283	-7.659039	-0.610511
332	6	0	-8.771715	-1.779290	-4.429236
333	6	0	-10.289226	-3.332713	-5.491376
334	6	0	-10.113713	-8.914239	-1.356576
335	6	0	-10.120565	-7.663295	0.817045
336	1	0	-8.518393	-7.704063	-0.556316
337	6	0	-9.216251	-0.757436	-5.260133
338	1	0	-7.998679	-1.567488	-3.672798
339	6	0	-10.743293	-2.324608	-6.338012
340	1	0	-10.717272	-4.343452	-5.576110
341	8	0	-11.265006	-9.007424	-1.810630
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344	1	0	-9.831207	-8.645462	1.280962
345	1	0	-9.572377	-6.856456	1.380301
346	6	0	-10.202282	-1.037094	-6.220739
347	1	0	-8.815095	0.262750	-5.172177
348	1	0	-11.523439	-2.533055	-7.083296
349	1	0	-8.246865	-9.726879	-1.119082
350	6	0	-9.504766	-11.173796	-2.085354
351	6	0	-11.968481	-7.461208	2.453919
352	1	0	-11.917018	-6.471531	0.523524
353	1	0	-12.171433	-8.254770	0.436571
354	8	0	-10.585461	0.007024	-7.031470
355	1	0	-8.703770	-11.882889	-1.859620
356	1	0	-10.452535	-11.570666	-1.706826
357	1	0	-9.589624	-11.070757	-3.175005
358	6	0	-13.454110	-7.168166	2.650201
359	1	0	-11.716509	-8.460063	2.897786
360	1	0	-11.351116	-6.694423	2.994685
361	1	0	-11.342513	-0.287495	-7.558610
362	7	0	-13.855756	-7.155203	4.037036
363	1	0	-13.693613	-6.194667	2.121401
364	1	0	-14.050560	-7.979683	2.141051
365	1	0	-13.273014	-6.547016	4.576574
366	1	0	-14.807209	-6.857807	4.120163
367	1	0	-2.162840	3.093245	5.797653
368	7	0	-3.127610	2.928984	6.091043
369	6	0	-4.167305	2.975567	5.226221
370	1	0	-3.338717	2.778156	7.068579
371	6	0	-3.816210	3.264615	3.771255
372	8	0	-5.342497	2.801701	5.584105
373	6	0	-4.386587	4.627784	3.333224
374	1	0	-4.264448	2.462181	3.172144
375	1	0	-2.731426	3.236414	3.624729
376	6	0	-4.115347	4.945383	1.849208
377	1	0	-3.934632	5.426784	3.933472
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379	7	0	-4.586561	6.289405	1.522133
380	6	0	-4.842307	3.940016	0.935002
381	1	0	-3.042752	4.919440	1.647563
382	1	0	-5.586817	6.490202	1.628426
383	6	0	-3.754894	7.271020	1.112058
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387	8	0	-2.529390	7.130852	0.964968
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389	6	0	-4.580968	2.209479	-0.816256
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392	1	0	-5.482445	8.610231	1.122924
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394	6	0	-4.220374	2.480750	-2.274812
395	1	0	-5.670535	2.210150	-0.706441
396	6	0	-4.475363	10.331374	2.663261
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403	6	0	-4.783289	3.816186	-2.744027
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405	1	0	-3.095641	2.506329	-2.368811
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408	1	0	-4.963466	8.167879	-2.537234
409	1	0	-4.527599	6.909334	-1.309739
410	1	0	-6.081222	7.833823	-1.148020
411	1	0	-4.867419	10.502897	-2.055044
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414	1	0	-5.901333	0.120394	-0.104406
415	6	0	-4.497711	-1.433774	0.426926
416	6	0	-4.167980	4.269019	-4.044139
417	1	0	-5.896775	3.726249	-2.861542
418	1	0	-4.597008	4.606636	-1.969144
419	1	0	-4.577809	1.571318	-4.215468
420	1	0	-4.237743	0.389550	-2.888391
421	1	0	-5.851246	1.217302	-2.973569
422	1	0	-4.085681	12.285649	3.435245
423	1	0	-3.714721	10.971016	4.554968
424	1	0	-2.596427	11.316557	3.200948
425	6	0	-5.096856	-2.525102	-0.496330
426	6	0	-4.964130	-1.720743	1.853610
427	1	0	-3.403879	-1.468777	0.395037
428	1	0	-4.538022	5.290228	-4.305548

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430	1	0	-4.433479	3.578009	-4.880116
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435	1	0	-6.093593	-1.723708	1.868209
436	1	0	-3.200281	-3.240744	-0.829330
437	6	0	-4.579045	-4.575181	-1.795582
438	1	0	-4.726814	-3.256641	3.365794
439	1	0	-4.952311	-3.894207	1.686973
440	1	0	-3.363142	-3.164045	2.172553
441	1	0	-4.722553	-0.952905	3.866604
442	1	0	-3.358716	-0.551279	2.740114
443	1	0	-4.941980	0.325171	2.607058
444	6	0	-4.140988	-5.793773	-0.943951
445	6	0	-3.894796	-4.706593	-3.144518
446	1	0	-5.666883	-4.555031	-1.923081
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450	1	0	-2.778008	-4.634343	-3.012102
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452	1	0	-6.102445	-6.394290	-0.745189
453	6	0	-4.818751	-7.715553	0.403544
454	6	0	-3.789278	-2.411527	-4.146273
455	6	0	-5.285759	-4.043933	-5.115793
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465	6	0	-6.716544	-7.176941	2.047853
466	1	0	-4.972341	-8.397808	2.428721
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473	6	0	-6.992577	-7.008722	3.529045
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476	8	0	-5.403719	-0.895084	-7.035253
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479	1	0	-4.923934	-11.530294	-1.549338
480	6	0	-8.454495	-6.644712	3.775790
481	1	0	-6.742429	-7.958854	4.070633
482	1	0	-6.323838	-6.206519	3.943231
483	1	0	-6.152137	-1.222158	-7.555506
484	7	0	-8.769064	-6.470808	5.173665
485	1	0	-8.696314	-5.723829	3.159708
486	1	0	-9.107054	-7.481797	3.389443
487	1	0	-8.174561	-5.787056	5.596857
488	1	0	-9.723699	-6.193042	5.283064
489	1	0	7.586126	4.214261	4.818760
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507	7	0	5.537788	2.938721	-0.617837
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515	6	0	5.593862	0.513224	-0.538601
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517	1	0	3.913363	1.761345	-1.170123
518	6	0	5.023902	10.490399	0.067574
519	1	0	6.713919	9.721232	-0.824620
520	6	0	4.449648	7.098543	-3.281477
521	6	0	4.555749	9.573484	-3.406361
522	1	0	6.250859	8.274008	-3.070883
523	8	0	6.824470	0.370150	-0.451089
524	7	0	4.690627	-0.329494	0.008123
525	6	0	4.782854	2.804973	-3.551187
526	6	0	4.821224	0.320762	-3.304561
527	1	0	6.478695	1.637694	-2.867774
528	6	0	5.853397	11.641239	0.617861
529	8	0	3.804223	10.417896	0.291584
530	1	0	4.459021	7.082775	-4.397917
531	1	0	4.955155	6.172988	-2.912485
532	1	0	3.387510	7.087663	-2.933949
533	1	0	4.531552	9.461100	-4.517514
534	1	0	3.510262	9.724852	-3.042236
535	1	0	5.154062	10.482990	-3.160661
536	1	0	3.691439	-0.123365	-0.092419
537	6	0	5.096892	-1.492452	0.810996
538	6	0	5.395591	2.923126	-4.923900
539	1	0	3.670359	2.679368	-3.642227
540	1	0	4.961321	3.765858	-2.999176
541	1	0	4.976770	0.265405	-4.409063
542	1	0	5.352933	-0.544334	-2.836159
543	1	0	3.727808	0.223592	-3.094252
544	1	0	5.407786	12.582223	0.278788
545	1	0	5.789100	11.622280	1.711225
546	1	0	6.900254	11.592209	0.307714
547	6	0	4.518119	-2.773867	0.159489
548	6	0	4.608847	-1.438573	2.257888
549	1	0	6.191388	-1.523063	0.803750
550	1	0	5.003777	3.834037	-5.438598
551	1	0	6.507639	3.008515	-4.854500
552	1	0	5.151026	2.034666	-5.554515
553	8	0	3.298494	-2.893118	-0.023469
554	7	0	5.434637	-3.714755	-0.161382
555	6	0	5.058523	-2.681297	3.002332
556	6	0	5.125332	-0.202027	2.964310
557	1	0	3.479629	-1.411345	2.255611

558	1	0	6.424284	-3.525781	0.019852
559	6	0	5.069965	-5.061400	-0.630953
560	1	0	4.790875	-2.594561	4.083441
561	1	0	4.558356	-3.592095	2.591495
562	1	0	6.165083	-2.813483	2.919480
563	1	0	4.834277	-0.228703	4.042503
564	1	0	6.239457	-0.149792	2.898267
565	1	0	4.698016	0.725481	2.512698
566	6	0	5.490986	-6.042590	0.492569
567	1	0	3.985887	-5.079144	-0.787536
568	8	0	6.690433	-6.134414	0.803532
569	7	0	4.498401	-6.734244	1.097852
570	6	0	5.432019	-4.721660	-3.102883
571	1	0	3.525057	-6.572523	0.822725
572	6	0	4.804959	-7.580803	2.258720
573	6	0	6.032377	-3.480117	-3.353229
574	6	0	4.197024	-8.992721	2.106178
575	6	0	4.421099	-6.988363	3.599561
576	1	0	5.896470	-7.679943	2.269023
577	6	0	5.747143	-2.772830	-4.515408
578	1	0	6.740094	-3.058601	-2.620870
579	8	0	3.011478	-9.193312	1.796829
580	7	0	5.075378	-9.986565	2.365696
581	6	0	2.970371	-6.591482	3.758649
582	1	0	4.690163	-7.739383	4.392057
583	1	0	5.065173	-6.080123	3.772708
584	6	0	4.847464	-3.319520	-5.445336
585	1	0	6.207970	-1.794380	-4.713792
586	1	0	6.047993	-9.744732	2.557609
587	6	0	4.683784	-11.387824	2.322468
588	6	0	2.746351	-6.034262	5.150606
589	1	0	2.691471	-5.820056	2.992252
590	1	0	2.310023	-7.482787	3.581362
591	8	0	4.626021	-2.588310	-6.590199
592	1	0	5.499239	-11.993732	2.726218
593	1	0	3.783422	-11.554368	2.923752
594	1	0	4.473810	-11.714716	1.296170
595	6	0	1.290730	-5.618864	5.345973
596	1	0	3.025735	-6.805180	5.916478
597	1	0	3.420493	-5.149667	5.309845
598	1	0	3.891367	-2.999489	-7.068847
599	7	0	1.023122	-5.089282	6.661485
600	1	0	1.019694	-4.888195	4.521925

601	1	0	0.634363	-6.528243	5.210329
602	1	0	1.599939	-4.296373	6.857420
603	1	0	0.060914	-4.828324	6.742180
604	6	0	4.232957	-4.556151	-5.205831
605	1	0	3.519736	-4.971294	-5.931459
606	6	0	4.526812	-5.245518	-4.032210
607	1	0	4.040543	-6.213962	-3.838098
608	6	0	5.795139	-5.500415	-1.890520
609	1	0	5.550421	-6.586634	-2.052800
610	1	0	6.907870	-5.433971	-1.724486
611	1	0	2.708236	3.649161	5.361575
612	7	0	1.746027	3.520937	5.680346
613	6	0	0.696190	3.478121	4.827876
614	1	0	1.546003	3.478258	6.670896
615	6	0	1.030060	3.601690	3.345601
616	8	0	-0.475185	3.349945	5.216500
617	6	0	0.424816	4.889712	2.754062
618	1	0	0.597855	2.722772	2.850552
619	1	0	2.114020	3.579841	3.191881
620	6	0	0.677281	5.031993	1.239953
621	1	0	0.864470	5.764346	3.248835
622	1	0	-0.652985	4.910032	2.946286
623	7	0	0.190940	6.323531	0.760268
624	6	0	-0.046811	3.918443	0.458783
625	1	0	1.748281	4.992687	1.032610
626	6	0	1.012126	7.253908	0.227014
627	1	0	-0.809752	6.529657	0.849901
628	8	0	-1.282294	3.821694	0.510228
629	7	0	0.751800	3.090145	-0.250133
630	6	0	0.332896	8.581302	-0.190626
631	8	0	2.237089	7.102831	0.085780
632	1	0	1.763793	3.243338	-0.235373
633	6	0	0.218656	1.988323	-1.069617
634	7	0	0.974947	9.666894	0.564545
635	6	0	0.443830	8.725283	-1.706270
636	1	0	-0.725032	8.573817	0.094498
637	6	0	0.801305	0.673925	-0.490618
638	6	0	0.583975	2.077148	-2.549347
639	1	0	-0.871416	2.001385	-0.965726
640	6	0	0.281772	10.476151	1.405466
641	1	0	1.974165	9.832456	0.424504
642	6	0	-0.267767	7.568803	-2.382162
643	6	0	-0.147377	10.037752	-2.178190

644	1	0	1.535836	8.693300	-1.992080
645	8	0	2.031414	0.513638	-0.426320
646	7	0	-0.105195	-0.226915	-0.051977
647	6	0	0.022564	3.343946	-3.182120
648	6	0	0.053224	0.848688	-3.263997
649	1	0	1.708945	2.091082	-2.642223
650	6	0	1.113809	11.529908	2.121267
651	8	0	-0.939919	10.379580	1.608769
652	1	0	-0.236833	7.697859	-3.490844
653	1	0	0.224403	6.598681	-2.127148
654	1	0	-1.336488	7.522653	-2.058734
655	1	0	-0.153486	10.073370	-3.294689
656	1	0	-1.198162	10.146343	-1.814079
657	1	0	0.450641	10.902893	-1.804771
658	1	0	-1.103739	-0.004255	-0.119879
659	6	0	0.299812	-1.476296	0.609634
660	6	0	0.641303	3.632652	-4.526631
661	1	0	-1.090513	3.239352	-3.291037
662	1	0	0.206327	4.224474	-2.510693
663	1	0	0.229095	0.934542	-4.363478
664	1	0	0.570711	-0.073684	-2.901032
665	1	0	-1.044407	0.734416	-3.087558
666	1	0	0.653932	12.508851	1.951640
667	1	0	1.073226	11.329187	3.197585
668	1	0	2.154808	11.542232	1.788543
669	6	0	-0.292336	-2.674552	-0.175311
670	6	0	-0.173821	-1.584896	2.058451
671	1	0	1.393937	-1.511501	0.587736
672	1	0	0.268331	4.611413	-4.915306
673	1	0	1.754613	3.686558	-4.446013
674	1	0	0.381711	2.841151	-5.270265
675	8	0	-1.515111	-2.770543	-0.351448
676	7	0	0.616507	-3.574151	-0.614311
677	6	0	0.322053	-2.882733	2.667218
678	6	0	0.311536	-0.412519	2.886019
679	1	0	-1.303312	-1.592514	2.066726
680	1	0	1.609379	-3.407786	-0.428423
681	6	0	0.242626	-4.858819	-1.227672
682	1	0	0.046881	-2.924240	3.749085
683	1	0	-0.138625	-3.762682	2.155858
684	1	0	1.433538	-2.960769	2.579756
685	1	0	0.053740	-0.571403	3.961323
686	1	0	1.420035	-0.303294	2.798760

687	1	0	-0.167897	0.539087	2.552076
688	6	0	0.672882	-5.963144	-0.228309
689	1	0	-0.843325	-4.858130	-1.372110
690	8	0	1.873391	-6.090543	0.065260
691	7	0	-0.317178	-6.722776	0.295233
692	6	0	0.547505	-4.256368	-3.654205
693	1	0	-1.290870	-6.531431	0.041996
694	6	0	-0.007568	-7.698463	1.348437
695	6	0	1.125325	-2.986191	-3.786348
696	6	0	-0.601849	-9.086776	1.025303
697	6	0	-0.404578	-7.273245	2.747638
698	1	0	1.084906	-7.788031	1.352450
699	6	0	0.800187	-2.164369	-4.859236
700	1	0	1.846514	-2.633858	-3.030989
701	8	0	-1.784285	-9.256430	0.686823
702	7	0	0.282119	-10.098483	1.169660
703	6	0	-1.861640	-6.918468	2.945008
704	1	0	-0.127314	-8.108541	3.447580
705	1	0	0.225664	-6.382720	3.029147
706	6	0	-0.116253	-2.623810	-5.819556
707	1	0	1.242934	-1.163339	-4.964586
708	1	0	1.253016	-9.876046	1.392566
709	6	0	-0.098956	-11.486873	0.955724
710	6	0	-2.101596	-6.547143	4.395145
711	1	0	-2.146266	-6.059239	2.281047
712	1	0	-2.509352	-7.787741	2.650419
713	8	0	-0.377302	-1.779482	-6.874749
714	1	0	0.716963	-12.131554	1.292985
715	1	0	-1.003918	-11.729125	1.523438
716	1	0	-0.296961	-11.690398	-0.104326
717	6	0	-3.560369	-6.162505	4.627392
718	1	0	-1.827986	-7.410794	5.057042
719	1	0	-1.431396	-5.690127	4.675489
720	1	0	-1.122104	-2.146891	-7.372843
721	7	0	-3.843999	-5.810282	5.997889
722	1	0	-3.824397	-5.330655	3.903160
723	1	0	-4.213391	-7.046816	4.367285
724	1	0	-3.259746	-5.060412	6.308090
725	1	0	-4.803682	-5.546581	6.097526
726	6	0	-0.707734	-3.888498	-5.697859
727	1	0	-1.434133	-4.235717	-6.445707
728	6	0	-0.374808	-4.693167	-4.611216
729	1	0	-0.843482	-5.684041	-4.508771



730	6	0	0.949471	-5.152484	-2.538876
731	1	0	0.716623	-6.219352	-2.810342
732	1	0	2.064491	-5.086317	-2.388917
733	1	0	12.465963	4.715124	4.097376
734	7	0	11.524120	4.671696	4.487770
735	6	0	10.435581	4.398038	3.730264
736	1	0	11.373440	4.886759	5.464504
737	6	0	10.698010	4.136572	2.251667
738	8	0	9.287578	4.365339	4.198358
739	6	0	10.062484	5.238363	1.381744
740	1	0	10.243417	3.166208	2.016911
741	1	0	11.773613	4.065430	2.057582
742	6	0	10.252995	4.997257	-0.128992
743	1	0	10.514783	6.207574	1.624602
744	1	0	8.992767	5.309064	1.604719
745	7	0	9.723753	6.123616	-0.894329
746	6	0	9.522078	3.715743	-0.572860
747	1	0	11.315631	4.917565	-0.366211
748	6	0	10.503589	6.888992	-1.687880
749	1	0	8.725744	6.344865	-0.811197
750	8	0	8.291658	3.626794	-0.444404
751	7	0	10.307793	2.741363	-1.080684
752	6	0	9.786270	8.071219	-2.384289
753	8	0	11.722052	6.704604	-1.851156
754	1	0	11.314651	2.904545	-1.160589
755	6	0	9.768889	1.458450	-1.563079
756	7	0	10.431771	9.309994	-1.926065
757	6	0	9.849931	7.853912	-3.893812
758	1	0	8.737469	8.119571	-2.070694
759	6	0	10.388989	0.347780	-0.674857
760	6	0	10.087204	1.155733	-3.025562
761	1	0	8.682499	1.489648	-1.429097
762	6	0	9.748322	10.301543	-1.299432
763	1	0	11.425538	9.440156	-2.126396
764	6	0	9.219144	9.009791	-4.642497
765	1	0	10.933588	7.768547	-4.199929
766	8	0	11.621870	0.207551	-0.615037
767	7	0	9.504788	-0.397587	0.024724
768	6	0	9.552405	2.245274	-3.945718
769	6	0	9.488355	-0.188971	-3.391521
770	1	0	11.208240	1.097641	-3.145230
771	6	0	10.585518	11.502594	-0.884375
772	8	0	8.531771	10.257331	-1.055536

773	1	0	9.178447	8.779516	-5.734824
774	1	0	8.177992	9.189521	-4.278775
775	1	0	9.811206	9.945776	-4.504874
776	1	0	8.502586	-0.205937	-0.073817
777	6	0	9.935110	-1.439940	0.968548
778	6	0	10.031270	2.083260	-5.366352
779	1	0	8.429604	2.229729	-3.920694
780	1	0	9.878186	3.253639	-3.575536
781	1	0	9.716940	-0.441621	-4.455940
782	1	0	9.916930	-0.999677	-2.751532
783	1	0	8.379065	-0.175471	-3.256932
784	1	0	10.128228	12.404792	-1.303468
785	1	0	10.546296	11.590589	0.206867
786	1	0	11.625512	11.425470	-1.211211
787	6	0	9.339289	-2.798442	0.518251
788	6	0	9.491075	-1.182065	2.407240
789	1	0	11.029105	-1.474964	0.931046
790	1	0	9.717800	2.965129	-5.976509
791	1	0	11.145488	2.007662	-5.402380
792	1	0	9.601930	1.165519	-5.835798
793	8	0	8.115118	-2.940230	0.387256
794	7	0	10.249381	-3.775576	0.309828
795	6	0	9.945946	-2.317294	3.304236
796	6	0	10.043370	0.131098	2.922463
797	1	0	8.362768	-1.137264	2.431965
798	1	0	11.245054	-3.560637	0.405125
799	6	0	9.880709	-5.165811	-0.000635
800	1	0	9.700955	-2.080864	4.368263
801	1	0	9.430449	-3.270107	3.030967
802	1	0	11.049289	-2.471455	3.219900
803	1	0	9.782414	0.258181	4.001191
804	1	0	11.155779	0.155008	2.820851
805	1	0	9.615216	0.994056	2.357916
806	6	0	10.298424	-6.012835	1.228246
807	1	0	8.796728	-5.199140	-0.155248
808	8	0	11.496399	-6.060875	1.555126
809	7	0	9.305947	-6.638424	1.900928
810	6	0	10.387765	-4.986366	-2.462337
811	1	0	8.333105	-6.511803	1.605878
812	6	0	9.610136	-7.345141	3.152089
813	6	0	11.144391	-3.836555	-2.729963
814	6	0	8.991709	-8.760779	3.170591
815	6	0	9.235297	-6.595634	4.414936

816	1	0	10.700740	-7.449969	3.171650
817	6	0	10.979793	-3.138330	-3.920360
818	1	0	11.878889	-3.480426	-1.987540
819	8	0	7.807356	-8.991670	2.878908
820	7	0	9.860957	-9.719092	3.562886
821	6	0	7.784489	-6.186185	4.534987
822	1	0	9.512364	-7.244944	5.290147
823	1	0	9.877883	-5.671855	4.472519
824	6	0	10.044943	-3.601919	-4.861110
825	1	0	11.564257	-2.231253	-4.133630
826	1	0	10.834754	-9.459210	3.721008
827	6	0	9.462190	-11.112472	3.696499
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830	1	0	7.126251	-7.094111	4.468192
831	8	0	9.931347	-2.873843	-6.024097
832	1	0	10.235014	-11.650124	4.252614
833	1	0	8.514733	-11.185400	4.240310
834	1	0	9.331942	-11.591712	2.717570
835	6	0	6.108099	-5.043667	6.006635
836	1	0	7.855458	-6.142105	6.702387
837	1	0	8.234058	-4.567556	5.901342
838	1	0	9.193753	-3.240105	-6.533742
839	7	0	5.841789	-4.373148	7.256333
840	1	0	5.829590	-4.410883	5.107488
841	1	0	5.457370	-5.966590	5.974753
842	1	0	6.407365	-3.554756	7.356604
843	1	0	4.876085	-4.119719	7.316499
844	6	0	9.284814	-4.751951	-4.609963
845	1	0	8.550960	-5.105069	-5.347854
846	6	0	9.459401	-5.433354	-3.407855
847	1	0	8.856494	-6.331504	-3.203072
848	6	0	10.605839	-5.744681	-1.203177
849	1	0	10.250496	-6.804211	-1.328423
850	1	0	11.710803	-5.786510	-0.984745
851	6	0	9.142844	6.561028	-4.253191
852	1	0	9.657806	5.686332	-3.785935
853	1	0	8.082861	6.582101	-3.899944
854	1	0	9.145729	6.420369	-5.360881
855	1	0	22.243844	5.054061	2.341772
856	7	0	21.319105	5.143085	2.735627
857	6	0	20.199202	4.819616	2.028037
858	1	0	21.214740	5.515710	3.670305

859	6	0	20.422502	4.283841	0.618422
860	8	0	19.069384	4.951896	2.505096
861	6	0	19.724084	5.177786	-0.424112
862	1	0	19.997143	3.271834	0.602957
863	1	0	21.492463	4.192068	0.394560
864	6	0	19.807180	4.629704	-1.866047
865	1	0	20.179398	6.175066	-0.423477
866	1	0	18.671037	5.295181	-0.150068
867	7	0	19.186659	5.553286	-2.805421
868	6	0	19.072858	3.283551	-1.968321
869	1	0	20.856269	4.531792	-2.163547
870	6	0	19.926829	6.347736	-3.621194
871	1	0	18.166980	5.657971	-2.795610
872	8	0	17.845381	3.240159	-1.812756
873	7	0	19.838335	2.197179	-2.216587
874	6	0	19.099876	7.252835	-4.567424
875	8	0	21.162729	6.378910	-3.628771
876	1	0	20.845950	2.291771	-2.261520
877	6	0	19.304160	0.823439	-2.244650
878	7	0	19.747310	8.571189	-4.556712
879	6	0	19.024005	6.597423	-5.944663
880	1	0	18.082300	7.383018	-4.184326
881	6	0	19.994522	0.063275	-1.078269
882	6	0	19.562060	0.086682	-3.555695
883	1	0	18.224207	0.890643	-2.076939
884	6	0	19.087634	9.723151	-4.268855
885	1	0	20.758268	8.568495	-4.619860
886	6	0	18.265501	5.286883	-5.843593
887	6	0	18.345145	7.509005	-6.947295
888	1	0	20.070457	6.383532	-6.305189
889	8	0	21.207906	0.189886	-0.881081
890	7	0	19.164614	-0.708276	-0.324790
891	6	0	18.891312	0.791126	-4.729716
892	6	0	19.047585	-1.336314	-3.434431
893	1	0	20.673593	0.054307	-3.742307
894	6	0	19.948445	10.976186	-4.199288
895	8	0	17.865484	9.777551	-4.072400
896	1	0	18.009443	4.913497	-6.864482
897	1	0	18.884359	4.508714	-5.335502
898	1	0	17.317812	5.423735	-5.264488
899	1	0	18.193924	6.968552	-7.913231
900	1	0	17.348905	7.839128	-6.564059
901	1	0	18.965554	8.414206	-7.150032

902	1	0	18.153671	-0.639546	-0.469115
903	6	0	19.664803	-1.440060	0.843136
904	6	0	19.493119	0.383250	-6.051010
905	1	0	17.793680	0.552684	-4.723976
906	1	0	18.983862	1.904265	-4.625057
907	1	0	19.020331	-1.824751	-4.438332
908	1	0	19.714059	-1.939364	-2.771934
909	1	0	18.013739	-1.345535	-3.007048
910	1	0	19.568892	11.700638	-4.926659
911	1	0	19.840709	11.419512	-3.204194
912	1	0	21.008158	10.788882	-4.397659
913	6	0	19.051693	-2.862014	0.826952
914	6	0	19.333811	-0.800433	2.194460
915	1	0	20.755739	-1.477008	0.735791
916	1	0	18.977485	0.917284	-6.885817
917	1	0	20.579718	0.639599	-6.086779
918	1	0	19.387382	-0.715416	-6.220769
919	8	0	17.848999	-3.028845	0.589272
920	7	0	19.913849	-3.872108	1.100953
921	6	0	20.167726	-1.433094	3.292144
922	6	0	19.574477	0.696499	2.171006
923	1	0	18.241858	-0.980534	2.417574
924	1	0	20.846539	-3.634407	1.422404
925	6	0	19.475391	-5.239259	1.419990
926	1	0	19.952018	-0.931015	4.266709
927	1	0	19.939629	-2.520340	3.408151
928	1	0	21.257391	-1.320436	3.074010
929	1	0	19.571384	1.102277	3.211621
930	1	0	20.560834	0.927157	1.698610
931	1	0	18.772471	1.217154	1.593507
932	6	0	19.788090	-5.483240	2.921965
933	1	0	18.401201	-5.308696	1.217820
934	8	0	20.827030	-5.034015	3.416165
935	7	0	18.902455	-6.265822	3.599345
936	6	0	20.136441	-6.187208	-0.822737
937	1	0	17.950692	-6.374888	3.237700
938	6	0	19.182370	-6.583917	5.002504
939	6	0	21.095310	-5.435247	-1.515438
940	6	0	18.452383	-7.880661	5.412745
941	6	0	18.874700	-5.481781	6.000777
942	1	0	20.266745	-6.752804	5.062068
943	6	0	21.056767	-5.331594	-2.900677
944	1	0	21.889805	-4.918398	-0.955311

945	8	0	17.340460	-8.198648	4.975033
946	7	0	19.117607	-8.635000	6.323892
947	6	0	17.431887	-5.027759	6.007803
948	1	0	19.156377	-5.847626	7.024638
949	1	0	19.538049	-4.603580	5.766423
950	6	0	20.039152	-5.996152	-3.605863
951	1	0	21.804346	-4.743679	-3.451043
952	1	0	20.041766	-8.343064	6.610646
953	6	0	18.554510	-9.854971	6.892509
954	6	0	17.208953	-4.003439	7.100663
955	1	0	17.163575	-4.583498	5.012473
956	1	0	16.755451	-5.911763	6.162297
957	8	0	20.053788	-5.863617	-4.975020
958	1	0	19.188298	-10.184890	7.719426
959	1	0	17.544745	-9.667125	7.271238
960	1	0	18.502593	-10.653903	6.143558
961	6	0	15.752364	-3.543614	7.110810
962	1	0	17.472686	-4.447205	8.096494
963	1	0	17.887289	-3.125425	6.936241
964	1	0	19.277172	-6.322256	-5.327517
965	7	0	15.461966	-2.607644	8.169256
966	1	0	15.507486	-3.129801	6.084116
967	1	0	15.088994	-4.445045	7.265374
968	1	0	16.047328	-1.799191	8.109923
969	1	0	14.502220	-2.328570	8.134800
970	6	0	19.074677	-6.754604	-2.928057
971	1	0	18.280306	-7.269143	-3.486550
972	6	0	19.129702	-6.842132	-1.539529
973	1	0	18.371853	-7.434072	-1.003186
974	6	0	20.218565	-6.322990	0.654642
975	1	0	19.778603	-7.309942	0.968118
976	1	0	21.300021	-6.324614	0.966459
977	1	0	17.325415	5.020921	3.200569
978	7	0	16.386850	5.036481	3.594855
979	6	0	15.287469	4.699455	2.877127
980	1	0	16.249333	5.347243	4.547518
981	6	0	15.533623	4.275594	1.433229
982	8	0	14.144517	4.734749	3.354305
983	6	0	14.858892	5.253987	0.452787
984	1	0	15.100843	3.273688	1.319707
985	1	0	16.607307	4.202939	1.228373
986	6	0	15.015698	4.837280	-1.024419
987	1	0	15.298225	6.252637	0.565910

988	1	0	13.794241	5.335300	0.694792
989	7	0	14.452464	5.863779	-1.898535
990	6	0	14.289153	3.504239	-1.289501
991	1	0	16.073138	4.741291	-1.276769
992	6	0	15.204652	6.556379	-2.780283
993	1	0	13.452348	6.078756	-1.818304
994	8	0	13.059111	3.434956	-1.158709
995	7	0	15.078427	2.463060	-1.639163
996	6	0	14.454185	7.647515	-3.584503
997	8	0	16.423356	6.370754	-2.950763
998	1	0	16.082045	2.619561	-1.750332
999	6	0	14.538540	1.127038	-1.956421
1000	7	0	15.098194	8.941686	-3.311065
1001	6	0	14.458012	7.245549	-5.056994
1002	1	0	13.418333	7.728454	-3.236490
1003	6	0	15.190681	0.124298	-0.968177
1004	6	0	14.828311	0.660493	-3.380878
1005	1	0	13.455345	1.169137	-1.800554
1006	6	0	14.420996	9.990787	-2.772865
1007	1	0	16.066660	9.081017	-3.601171
1008	6	0	13.729426	5.925780	-5.226078
1009	6	0	13.806782	8.306555	-5.919951
1010	1	0	15.528501	7.110955	-5.390224
1011	8	0	16.425650	-0.013699	-0.940721
1012	7	0	14.334321	-0.536487	-0.156449
1013	6	0	14.207265	1.594551	-4.411158
1014	6	0	14.298655	-0.750042	-3.558308
1015	1	0	15.947134	0.645220	-3.531161
1016	6	0	15.237584	11.256480	-2.560925
1017	8	0	13.223902	9.944418	-2.451146
1018	1	0	13.674087	5.656945	-6.308410
1019	1	0	14.265709	5.106780	-4.687502
1020	1	0	12.689415	5.997078	-4.822986
1021	1	0	13.714874	7.939136	-6.970920
1022	1	0	12.784859	8.548309	-5.538204
1023	1	0	14.414737	9.242482	-5.930121
1024	1	0	13.329096	-0.352112	-0.234600
1025	6	0	14.810514	-1.448796	0.893795
1026	6	0	14.774077	1.373737	-5.791108
1027	1	0	13.095228	1.437333	-4.427727
1028	1	0	14.383599	2.664340	-4.121377
1029	1	0	14.435337	-1.087378	-4.614765
1030	1	0	14.851792	-1.464207	-2.898620

1031	1	0	13.210651	-0.797574	-3.306967
1032	1	0	14.711241	12.089447	-3.037861
1033	1	0	15.276260	11.465451	-1.486102
1034	1	0	16.251974	11.179364	-2.958971
1035	6	0	14.200682	-2.856228	0.664457
1036	6	0	14.444842	-0.997574	2.307510
1037	1	0	15.901117	-1.492285	0.805773
1038	1	0	14.352972	2.126211	-6.501298
1039	1	0	15.886623	1.479471	-5.783003
1040	1	0	14.522530	0.354853	-6.172701
1041	8	0	12.977959	-3.004492	0.535483
1042	7	0	15.100757	-3.866867	0.651669
1043	6	0	14.952059	-2.003436	3.323127
1044	6	0	15.023398	0.369828	2.609758
1045	1	0	13.319949	-0.941742	2.388158
1046	1	0	16.097899	-3.643336	0.672855
1047	6	0	14.722746	-5.286227	0.549468
1048	1	0	14.802416	-1.610006	4.357977
1049	1	0	14.398893	-2.969860	3.235191
1050	1	0	16.041893	-2.199750	3.173374
1051	1	0	14.819356	0.643980	3.673320
1052	1	0	16.129238	0.371979	2.448229
1053	1	0	14.565836	1.151059	1.956345
1054	6	0	15.128345	-5.961973	1.886919
1055	1	0	13.638365	-5.330087	0.398334
1056	8	0	16.329958	-6.023049	2.202450
1057	7	0	14.120680	-6.435559	2.655549
1058	6	0	15.300871	-5.425013	-1.902162
1059	1	0	13.148349	-6.325183	2.350813
1060	6	0	14.413686	-6.988037	3.984526
1061	6	0	16.135499	-4.364330	-2.283632
1062	6	0	13.771283	-8.382534	4.170671
1063	6	0	14.053544	-6.086193	5.148260
1064	1	0	15.501445	-7.109581	4.015430
1065	6	0	16.037387	-3.802818	-3.551064
1066	1	0	16.879093	-3.967962	-1.570219
1067	8	0	12.581667	-8.625475	3.915681
1068	7	0	14.625387	-9.311326	4.656543
1069	6	0	12.609112	-5.642996	5.211815
1070	1	0	14.316322	-6.633421	6.094890
1071	1	0	14.712866	-5.173683	5.103814
1072	6	0	15.090783	-4.315245	-4.454228
1073	1	0	16.686427	-2.968113	-3.855220



1074	1	0	15.600028	-9.051643	4.799637
1075	6	0	14.197743	-10.675306	4.933353
1076	6	0	12.395671	-4.768900	6.431428
1077	1	0	12.335030	-5.073485	4.284069
1078	1	0	11.938154	-6.543409	5.252387
1079	8	0	15.038599	-3.718763	-5.693677
1080	1	0	15.035977	-11.225351	5.368972
1081	1	0	13.359253	-10.686476	5.639094
1082	1	0	13.878504	-11.184507	4.016039
1083	6	0	10.938494	-4.325820	6.533952
1084	1	0	12.685205	-5.332436	7.357475
1085	1	0	13.066089	-3.869901	6.368056
1086	1	0	14.301836	-4.112989	-6.183156
1087	7	0	10.678032	-3.494792	7.684443
1088	1	0	10.655764	-3.818547	5.559716
1089	1	0	10.288172	-5.244806	6.628080
1090	1	0	11.238393	-2.666898	7.668192
1091	1	0	9.711051	-3.241560	7.719348
1092	6	0	14.256708	-5.381082	-4.090874
1093	1	0	13.516581	-5.774679	-4.801450
1094	6	0	14.365913	-5.925440	-2.813537
1095	1	0	13.704770	-6.755870	-2.521466
1096	6	0	15.445039	-6.037811	-0.556039
1097	1	0	15.039272	-7.086348	-0.566959
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P PI (Ac-VQIVYK-NHMe)<sub>10</sub>

1	6	0	-20.764635	9.555127	7.125600
2	6	0	-21.438791	8.999542	5.877638
3	1	0	-21.308712	10.450999	7.442933
4	1	0	-20.856031	8.814518	7.927100
5	1	0	-19.710516	9.797676	6.965049
6	8	0	-22.630302	8.674311	5.867100
7	7	0	-20.622812	8.896601	4.785379
8	1	0	-19.631066	9.130257	4.860464
9	6	0	-21.123026	8.336098	3.526083
10	6	0	-20.562990	6.898980	3.400098
11	6	0	-20.720598	9.124242	2.284991
12	1	0	-22.216634	8.321955	3.612065
13	8	0	-19.348517	6.710818	3.233246
14	7	0	-21.460154	5.894702	3.533765
15	6	0	-21.372506	8.512468	1.059721
16	6	0	-21.106386	10.584000	2.403060
17	1	0	-19.598939	9.054060	2.166885
18	1	0	-22.440281	6.119991	3.657530
19	6	0	-21.094710	4.479031	3.491601
20	1	0	-21.044186	9.058423	0.142708
21	1	0	-21.082526	7.438562	0.954234
22	1	0	-22.485090	8.577299	1.129880
23	1	0	-20.931941	11.102803	1.429158
24	1	0	-22.185623	10.685944	2.670743
25	1	0	-20.495115	11.094303	3.185519
26	6	0	-21.786072	3.831846	2.274464
27	6	0	-21.506961	3.769860	4.798668
28	1	0	-20.010150	4.442661	3.370368
29	8	0	-23.000241	3.951448	2.092178
30	7	0	-20.953529	3.111296	1.469076
31	6	0	-20.969307	2.330810	4.897233
32	1	0	-21.116714	4.363121	5.635166
33	1	0	-22.598950	3.754416	4.886297
34	1	0	-19.942881	3.180042	1.607949
35	6	0	-21.435832	2.448108	0.250142
36	6	0	-21.405724	1.676425	6.210801
37	1	0	-21.384749	1.719876	4.085936
38	1	0	-19.877871	2.318130	4.799544
39	6	0	-20.824023	1.028635	0.246310
40	6	0	-21.046284	3.158314	-1.046560
41	1	0	-22.529926	2.417791	0.322245

42	8	0	-22.594002	1.569767	6.521152
43	7	0	-20.387477	1.218054	6.995719
44	8	0	-19.595417	0.879840	0.290293
45	7	0	-21.698044	-0.006741	0.208404
46	6	0	-21.846173	4.444935	-1.210479
47	6	0	-21.261498	2.240995	-2.233499
48	1	0	-19.946870	3.414105	-1.000110
49	1	0	-20.641114	0.821517	7.890418
50	1	0	-19.406722	1.377034	6.772964
51	1	0	-22.694814	0.173408	0.187631
52	6	0	-21.269188	-1.417905	0.217025
53	6	0	-21.157052	5.424080	-2.126259
54	1	0	-22.863601	4.198382	-1.614998
55	1	0	-22.003462	4.927788	-0.208512
56	1	0	-21.129567	2.809132	-3.186334
57	1	0	-20.518223	1.405388	-2.218903
58	1	0	-22.290575	1.805762	-2.224715
59	6	0	-21.961258	-2.112575	-0.984892
60	6	0	-21.638239	-2.168048	1.493227
61	1	0	-20.181113	-1.417644	0.098954
62	1	0	-21.757933	6.362287	-2.205424
63	1	0	-20.143515	5.685623	-1.734682
64	1	0	-21.035771	4.997534	-3.151302
65	8	0	-23.189861	-2.105969	-1.094558
66	7	0	-21.106371	-2.696714	-1.872727
67	6	0	-21.106241	-3.586691	1.417813
68	6	0	-21.084537	-1.476678	2.722297
69	1	0	-22.762524	-2.210183	1.575115
70	1	0	-20.098729	-2.634429	-1.714252
71	6	0	-21.592635	-3.409827	-3.049436
72	1	0	-21.337282	-4.129536	2.365762
73	1	0	-21.578115	-4.139617	0.570221
74	1	0	-19.998642	-3.582853	1.269042
75	1	0	-21.258703	-2.109610	3.626161
76	1	0	-19.985755	-1.305063	2.613999
77	1	0	-21.582504	-0.491223	2.888982
78	6	0	-20.967710	-4.828550	-3.103553
79	6	0	-21.294630	-2.733237	-4.385072
80	1	0	-22.681941	-3.487348	-2.933937
81	8	0	-19.840017	-5.065639	-2.651921
82	7	0	-21.748885	-5.761928	-3.704042
83	6	0	-22.323722	-1.722097	-4.749104
84	1	0	-20.275581	-2.254563	-4.366273

85	1	0	-21.264157	-3.517263	-5.192220
86	1	0	-22.587597	-5.450289	-4.183135
87	6	0	-21.235072	-7.070574	-4.130894
88	6	0	-22.148033	-0.372183	-4.421747
89	6	0	-23.472240	-2.115121	-5.446738
90	6	0	-21.117033	-7.066113	-5.680498
91	6	0	-22.091821	-8.241320	-3.693892
92	1	0	-20.242535	-7.190617	-3.680608
93	6	0	-23.096523	0.578616	-4.782907
94	1	0	-21.253181	-0.054458	-3.861990
95	6	0	-24.433725	-1.179717	-5.817508
96	1	0	-23.617031	-3.174736	-5.709327
97	8	0	-21.945990	-6.470456	-6.377236
98	7	0	-20.064933	-7.776045	-6.157363
99	6	0	-23.542865	-8.134396	-4.112654
100	1	0	-21.639370	-9.172871	-4.130267
101	1	0	-22.034259	-8.336294	-2.575014
102	6	0	-24.241989	0.168574	-5.483791
103	1	0	-22.965146	1.638489	-4.521133
104	1	0	-25.334761	-1.494268	-6.361969
105	1	0	-19.359465	-8.095489	-5.493202
106	6	0	-19.807331	-7.912904	-7.582445
107	6	0	-24.263484	-9.448388	-3.898249
108	1	0	-24.051749	-7.329149	-3.519535
109	1	0	-23.602930	-7.838543	-5.194951
110	8	0	-25.140620	1.153582	-5.825058
111	1	0	-19.580014	-8.956508	-7.830353
112	1	0	-20.700130	-7.597846	-8.126726
113	1	0	-18.964297	-7.284960	-7.900715
114	6	0	-25.734523	-9.310180	-4.287585
115	1	0	-23.781026	-10.251430	-4.514747
116	1	0	-24.177315	-9.754657	-2.822726
117	1	0	-25.904265	0.728168	-6.241027
118	7	0	-26.480101	-10.539419	-4.154348
119	1	0	-26.178802	-8.467513	-3.676718
120	1	0	-25.794792	-8.998146	-5.369792
121	1	0	-26.346218	-10.946073	-3.250098
122	1	0	-27.455583	-10.370016	-4.296974
123	1	0	-17.643667	6.086966	3.171348
124	7	0	-16.638719	5.889243	3.127430
125	6	0	-15.769522	6.918708	3.039940
126	6	0	-16.204449	4.493351	3.181549
127	6	0	-16.399458	8.333529	3.041463

128	8	0	-14.536035	6.785533	2.979961
129	6	0	-16.920911	3.718904	2.058712
130	6	0	-16.528341	3.874047	4.555741
131	1	0	-15.126364	4.484546	3.009332
132	7	0	-15.816060	9.078215	4.166568
133	6	0	-16.154521	8.970816	1.675242
134	1	0	-17.478511	8.272047	3.219411
135	8	0	-18.155331	3.609102	2.062286
136	7	0	-16.111957	3.183615	1.113857
137	6	0	-16.030396	2.422214	4.687331
138	1	0	-16.057733	4.498828	5.324680
139	1	0	-17.610271	3.903626	4.721054
140	1	0	-14.803392	9.217979	4.184782
141	6	0	-16.577669	9.645565	5.136677
142	6	0	-16.831181	8.143192	0.599469
143	6	0	-16.669889	10.394575	1.631429
144	1	0	-15.042781	8.981266	1.476858
145	1	0	-15.102074	3.334892	1.178417
146	6	0	-16.644147	2.462640	-0.054280
147	6	0	-16.420791	1.834323	6.039707
148	1	0	-16.507819	1.795738	3.923621
149	1	0	-14.945818	2.370928	4.544167
150	6	0	-15.803236	10.363920	6.231994
151	8	0	-17.817734	9.586255	5.166374
152	1	0	-16.719355	8.641195	-0.393616
153	1	0	-16.371049	7.126967	0.536494
154	1	0	-17.920898	8.027385	0.820303
155	1	0	-16.593952	10.796092	0.591788
156	1	0	-17.740286	10.434079	1.950144
157	1	0	-16.073438	11.055351	2.304804
158	6	0	-16.024728	1.041668	-0.034807
159	6	0	-16.323741	3.118071	-1.395954
160	1	0	-17.730675	2.408525	0.071068
161	8	0	-17.606886	1.674121	6.358277
162	7	0	-15.391871	1.505316	6.859281
163	1	0	-16.199430	11.380249	6.326021
164	1	0	-15.991015	9.848741	7.180547
165	1	0	-14.728528	10.396996	6.036414
166	8	0	-14.792924	0.896779	-0.103367
167	7	0	-16.904558	0.023020	0.086290
168	6	0	-16.862513	4.541262	-1.466164
169	6	0	-16.916479	2.277256	-2.510736
170	1	0	-15.202049	3.147736	-1.520873

171	1	0	-15.621885	1.148104	7.776962
172	1	0	-14.417549	1.669564	6.603549
173	1	0	-17.903343	0.233192	0.168211
174	6	0	-16.472075	-1.378701	0.195360
175	6	0	-16.285104	5.313369	-2.625825
176	1	0	-17.982099	4.509167	-1.551079
177	1	0	-16.620238	5.093355	-0.519407
178	1	0	-16.747014	2.773575	-3.496802
179	1	0	-16.439407	1.266727	-2.541666
180	1	0	-18.017354	2.147122	-2.364513
181	6	0	-17.114963	-2.190448	-0.959350
182	6	0	-16.868762	-2.043194	1.512630
183	1	0	-15.381212	-1.387895	0.103279
184	1	0	-16.616874	6.379154	-2.576043
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187	8	0	-18.345220	-2.223085	-1.102746
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189	6	0	-16.369421	-3.475542	1.534615
190	6	0	-16.312795	-1.286353	2.701106
191	1	0	-17.996055	-2.054611	1.584256
192	1	0	-15.233500	-2.754517	-1.573011
193	6	0	-16.671546	-3.759880	-2.817073
194	1	0	-16.569646	-3.934256	2.532998
195	1	0	-16.890043	-4.087021	0.758294
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197	1	0	-16.528000	-1.845727	3.643883
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199	1	0	-16.777818	-0.274541	2.785160
200	6	0	-16.172883	-5.187173	-2.475724
201	6	0	-16.127321	-3.424789	-4.197028
202	1	0	-17.766295	-3.733444	-2.838738
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208	1	0	-18.109440	-5.871555	-2.570255
209	6	0	-16.800885	-7.545734	-2.179876
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217	6	0	-18.522470	-1.336441	-6.253382
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219	8	0	-18.089554	-8.322879	-4.110508
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223	1	0	-17.240686	-7.541674	-0.071083
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225	1	0	-16.499979	1.160709	-5.051957
226	1	0	-19.403681	-1.482393	-6.893808
227	1	0	-15.195923	-9.247431	-3.176930
228	6	0	-16.158683	-10.233500	-4.819126
229	6	0	-19.647227	-8.797832	0.122125
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237	1	0	-19.225941	-9.828511	0.257104
238	1	0	-19.373558	-8.204009	1.033882
239	1	0	-19.334887	0.805029	-7.113073
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248	1	0	-10.723487	1.687608	7.499677
249	6	0	-11.163036	2.688870	4.315273
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252	1	0	-11.631892	2.005344	3.596537
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256	1	0	-12.769920	4.142488	4.265277

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258	6	0	-12.099116	3.827330	1.609941
259	1	0	-10.306317	4.660181	2.503960
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261	1	0	-12.831989	6.245531	2.712186
262	8	0	-13.335709	3.736819	1.606109
263	7	0	-11.289320	3.215905	0.715639
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265	8	0	-9.766633	6.949956	2.161205
266	1	0	-10.277594	3.354849	0.783416
267	6	0	-11.812699	2.395888	-0.390739
268	7	0	-11.023054	9.301616	3.314791
269	6	0	-11.477953	9.035215	0.855538
270	1	0	-12.713406	8.411911	2.504734
271	6	0	-11.215199	0.976000	-0.221465
272	6	0	-11.450947	2.917314	-1.779519
273	1	0	-12.902680	2.367051	-0.288092
274	1	0	-10.017348	9.478456	3.262127
275	6	0	-11.743233	9.878131	4.310554
276	6	0	-12.174921	8.126337	-0.138692
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279	8	0	-9.983468	0.816682	-0.205661
280	7	0	-12.111806	-0.024028	-0.069489
281	6	0	-12.039515	4.301685	-2.019734
282	6	0	-11.957091	1.940370	-2.823920
283	1	0	-10.326572	2.980226	-1.858933
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290	1	0	-13.098597	10.464639	1.096429
291	1	0	-11.442149	11.154955	1.362085
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293	6	0	-11.690338	-1.407490	0.197937
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300	1	0	-11.364755	11.683020	5.391011
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306	1	0	-11.804648	6.031604	-3.294027
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313	1	0	-13.258365	-1.968665	1.588759
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315	6	0	-11.795005	-4.116729	-2.532647
316	1	0	-11.841663	-3.691773	2.799516
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326	7	0	-12.296198	-6.383004	-1.703816
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329	1	0	-11.348897	-4.961183	-4.450250
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355	1	0	-11.080686	-11.814413	-2.402498
356	1	0	-12.828339	-11.480540	-2.286852
357	1	0	-11.918509	-10.948471	-3.715103
358	6	0	-15.810648	-7.293690	2.282145
359	1	0	-14.074692	-8.598491	2.465211
360	1	0	-13.705993	-6.839897	2.643307
361	1	0	-13.755009	0.049695	-7.590017
362	7	0	-16.208399	-7.340771	3.669389
363	1	0	-16.050526	-6.297732	1.797055
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373	6	0	-6.861082	4.452246	3.604059
374	1	0	-6.746952	2.296550	3.337857
375	1	0	-5.215090	3.040435	3.843510
376	6	0	-6.571850	4.842588	2.141280
377	1	0	-6.412845	5.218600	4.248094
378	1	0	-7.942518	4.468614	3.775318
379	7	0	-7.042607	6.200342	1.875775
380	6	0	-7.284879	3.882966	1.169196
381	1	0	-5.496787	4.828128	1.952004
382	1	0	-8.044903	6.392615	1.977306
383	6	0	-6.208306	7.205734	1.533977
384	8	0	-8.520347	3.777748	1.188639
385	7	0	-6.475940	3.191615	0.335064

386	6	0	-6.877124	8.587556	1.333601
387	8	0	-4.979935	7.078487	1.401488
388	1	0	-5.464744	3.342343	0.384607
389	6	0	-6.998715	2.251507	-0.670686
390	7	0	-6.251231	9.524409	2.277855
391	6	0	-6.731109	8.988318	-0.132190
392	1	0	-7.941492	8.536643	1.588744
393	6	0	-6.408900	0.858392	-0.334037
394	6	0	-6.629619	2.606751	-2.108981
395	1	0	-8.088987	2.239119	-0.568708
396	6	0	-6.964105	10.186974	3.223674
397	1	0	-5.246793	9.698495	2.197916
398	6	0	-7.429462	7.969022	-1.011906
399	6	0	-7.308685	10.365706	-0.385300
400	1	0	-5.632921	8.999431	-0.394916
401	8	0	-5.178298	0.694306	-0.299343
402	7	0	-7.312027	-0.109674	-0.062819
403	6	0	-7.197334	3.963270	-2.506425
404	6	0	-7.149809	1.523908	-3.035431
405	1	0	-5.504411	2.643957	-2.193084
406	6	0	-6.149804	11.102068	4.126069
407	8	0	-8.191383	10.066924	3.375141
408	1	0	-7.371447	8.285028	-2.081286
409	1	0	-6.946442	6.966212	-0.914861
410	1	0	-8.505796	7.875752	-0.726006
411	1	0	-7.289924	10.591712	-1.479117
412	1	0	-8.367023	10.416778	-0.030573
413	1	0	-6.717135	11.150629	0.143374
414	1	0	-8.311282	0.118066	-0.088002
415	6	0	-6.902310	-1.455902	0.364517
416	6	0	-6.574433	4.493087	-3.773404
417	1	0	-8.309196	3.873385	-2.638410
418	1	0	-7.022635	4.709574	-1.686383
419	1	0	-6.968891	1.807062	-4.100454
420	1	0	-6.629308	0.553738	-2.840433
421	1	0	-8.247685	1.374914	-2.889183
422	1	0	-6.587745	12.104916	4.087588
423	1	0	-6.241736	10.742211	5.156691
424	1	0	-5.095371	11.143801	3.841867
425	6	0	-7.494676	-2.497220	-0.618759
426	6	0	-7.370635	-1.822696	1.772178
427	1	0	-5.808241	-1.484442	0.333618
428	1	0	-6.949821	5.524875	-3.979933

429	1	0	-5.461674	4.535150	-3.679056
430	1	0	-6.827724	3.848632	-4.649390
431	8	0	-8.717152	-2.559635	-0.810892
432	7	0	-6.586202	-3.308676	-1.206357
433	6	0	-6.877631	-3.210855	2.134060
434	6	0	-6.876439	-0.820540	2.795033
435	1	0	-8.500100	-1.827666	1.784735
436	1	0	-5.593034	-3.178343	-0.994364
437	6	0	-6.963472	-4.467295	-2.031298
438	1	0	-7.137255	-3.441753	3.195697
439	1	0	-7.353801	-3.983155	1.482298
440	1	0	-5.768289	-3.279082	2.016309
441	1	0	-7.134525	-1.167335	3.825127
442	1	0	-5.767264	-0.704974	2.726375
443	1	0	-7.349632	0.178546	2.637405
444	6	0	-6.516962	-5.728052	-1.248078
445	6	0	-6.278675	-4.519800	-3.385299
446	1	0	-8.051432	-4.447535	-2.157556
447	8	0	-5.314456	-5.896666	-0.986049
448	7	0	-7.499339	-6.577277	-0.866609
449	6	0	-6.735935	-3.465249	-4.327676
450	1	0	-5.162527	-4.444034	-3.249348
451	1	0	-6.487944	-5.533950	-3.825597
452	1	0	-8.474858	-6.349191	-1.078669
453	6	0	-7.182049	-7.725329	-0.007131
454	6	0	-6.199138	-2.172221	-4.259946
455	6	0	-7.672872	-3.767455	-5.321730
456	6	0	-7.741832	-9.039098	-0.594544
457	6	0	-7.611155	-7.575263	1.438333
458	1	0	-6.087992	-7.793483	-0.000007
459	6	0	-6.578319	-1.195210	-5.173091
460	1	0	-5.467634	-1.926049	-3.473174
461	6	0	-8.059756	-2.805307	-6.251173
462	1	0	-8.109830	-4.776532	-5.374668
463	8	0	-8.918966	-9.162984	-0.969456
464	7	0	-6.838889	-10.042318	-0.641124
465	6	0	-9.077319	-7.281881	1.668117
466	1	0	-7.332922	-8.523013	1.975599
467	1	0	-7.000641	-6.745044	1.893709
468	6	0	-7.508379	-1.519165	-6.174679
469	1	0	-6.167776	-0.176371	-5.120163
470	1	0	-8.796885	-3.047691	-7.029217
471	1	0	-5.872930	-9.851074	-0.371254

472	6	0	-7.192494	-11.369424	-1.123005
473	6	0	-9.350815	-7.196524	3.156845
474	1	0	-9.362758	-6.315361	1.173559
475	1	0	-9.706286	-8.086317	1.199927
476	8	0	-7.824138	-0.520651	-7.067835
477	1	0	-6.361319	-12.049799	-0.919802
478	1	0	-8.089416	-11.738104	-0.613419
479	1	0	-7.391344	-11.364938	-2.202253
480	6	0	-10.811586	-6.843527	3.425542
481	1	0	-9.102261	-8.176125	3.643861
482	1	0	-8.679559	-6.420426	3.614427
483	1	0	-8.567965	-0.827471	-7.606665
484	7	0	-11.124027	-6.746742	4.831340
485	1	0	-11.052408	-5.889511	2.861710
486	1	0	-11.466580	-7.656477	2.994331
487	1	0	-10.525315	-6.091236	5.291669
488	1	0	-12.076979	-6.470200	4.957250
489	1	0	5.070797	3.933072	5.197667
490	7	0	4.110704	3.815826	5.527009
491	6	0	3.059239	3.711321	4.682063
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493	6	0	3.388463	3.750738	3.194321
494	8	0	1.890027	3.594999	5.081159
495	6	0	2.777245	5.001097	2.532176
496	1	0	2.957799	2.844188	2.750626
497	1	0	4.472006	3.723964	3.038307
498	6	0	3.026997	5.056933	1.011894
499	1	0	3.214510	5.904247	2.975080
500	1	0	1.699745	5.028118	2.725590
501	7	0	2.532361	6.314136	0.456590
502	6	0	2.311293	3.894473	0.298292
503	1	0	4.098207	5.012353	0.806912
504	6	0	3.348230	7.215998	-0.131590
505	1	0	1.529229	6.515497	0.524689
506	8	0	1.075126	3.800277	0.343851
507	7	0	3.117382	3.021468	-0.344502
508	6	0	2.658978	8.507452	-0.635927
509	8	0	4.574853	7.066066	-0.258312
510	1	0	4.128868	3.179593	-0.336003
511	6	0	2.592987	1.869651	-1.097332
512	7	0	3.286492	9.645065	0.051447
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515	6	0	3.185538	0.595585	-0.443480
516	6	0	2.956906	1.875250	-2.580293
517	1	0	1.502930	1.879726	-0.993883
518	6	0	2.579071	10.505589	0.827060
519	1	0	4.286165	9.807406	-0.089713
520	6	0	2.074836	7.353264	-2.760727
521	6	0	2.180157	9.830851	-2.715067
522	1	0	3.870147	8.511455	-2.435490
523	8	0	4.416357	0.452714	-0.360713
524	7	0	2.285102	-0.291151	0.034759
525	6	0	2.378473	3.094848	-3.286329
526	6	0	2.441377	0.599961	-3.219974
527	1	0	4.081637	1.898003	-2.675651
528	6	0	3.396009	11.613791	1.474845
529	8	0	1.355959	10.414192	1.024738
530	1	0	2.110576	7.410911	-3.875259
531	1	0	2.571067	6.404442	-2.441580
532	1	0	1.004801	7.321732	-2.439814
533	1	0	2.177412	9.793943	-3.831539
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535	1	0	2.772613	10.721541	-2.396920
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537	6	0	2.697572	-1.506144	0.752955
538	6	0	3.005420	3.322465	-4.638678
539	1	0	1.268868	2.962459	-3.400218
540	1	0	2.537599	4.014133	-2.662227
541	1	0	2.601098	0.629036	-4.324883
542	1	0	2.981988	-0.291031	-2.814564
543	1	0	1.348524	0.474427	-3.022265
544	1	0	2.938632	12.575416	1.220286
545	1	0	3.334337	11.497832	2.562500
546	1	0	4.443135	11.603305	1.161893
547	6	0	2.122660	-2.742106	0.015277
548	6	0	2.215384	-1.556813	2.202054
549	1	0	3.792097	-1.531767	0.740572
550	1	0	2.606364	4.263436	-5.089820
551	1	0	4.115208	3.417827	-4.548906
552	1	0	2.781389	2.479645	-5.336026
553	8	0	0.903332	-2.852615	-0.175611
554	7	0	3.042839	-3.655613	-0.368198
555	6	0	2.684225	-2.842290	2.856978
556	6	0	2.720604	-0.365710	2.990011
557	1	0	1.086030	-1.543073	2.205961

558	1	0	4.031489	-3.475998	-0.170922
559	6	0	2.686218	-4.969663	-0.927976
560	1	0	2.424672	-2.833100	3.943437
561	1	0	2.190871	-3.728580	2.388411
562	1	0	3.791582	-2.955578	2.756848
563	1	0	2.436131	-0.470870	4.065162
564	1	0	3.833622	-0.294959	2.922252
565	1	0	2.279353	0.585478	2.606114
566	6	0	3.120834	-6.022941	0.123131
567	1	0	1.601605	-4.985851	-1.081207
568	8	0	4.322637	-6.129505	0.419371
569	7	0	2.136468	-6.760928	0.686253
570	6	0	3.022115	-4.470626	-3.377078
571	1	0	1.160354	-6.585678	0.430330
572	6	0	2.456344	-7.679763	1.786970
573	6	0	3.591981	-3.202004	-3.551238
574	6	0	1.854350	-9.081664	1.546580
575	6	0	2.079655	-7.177886	3.166249
576	1	0	3.548481	-7.773282	1.782186
577	6	0	3.285592	-2.430944	-4.666531
578	1	0	4.292542	-2.810037	-2.795995
579	8	0	0.665850	-9.267556	1.238952
580	7	0	2.740949	-10.085657	1.726137
581	6	0	0.629974	-6.791874	3.358620
582	1	0	2.352174	-7.979883	3.905817
583	1	0	2.725215	-6.283265	3.395582
584	6	0	2.395745	-2.940086	-5.626670
585	1	0	3.721911	-1.431112	-4.804512
586	1	0	3.714934	-9.853347	1.923446
587	6	0	2.355702	-11.482716	1.589802
588	6	0	0.413367	-6.326914	4.785192
589	1	0	0.347604	-5.971527	2.646181
590	1	0	-0.031858	-7.669390	3.126622
591	8	0	2.153873	-2.145257	-6.724023
592	1	0	3.186845	-12.110423	1.921697
593	1	0	1.475115	-11.701880	2.203653
594	1	0	2.116032	-11.732528	0.548547
595	6	0	-1.039556	-5.918486	5.012860
596	1	0	0.691523	-7.148042	5.497424
597	1	0	1.092504	-5.457995	5.000025
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600	1	0	-1.311031	-5.136137	4.237860

601	1	0	-1.700648	-6.814665	4.823087
602	1	0	-0.715406	-4.698100	6.604936
603	1	0	-2.259179	-5.208576	6.460349
604	6	0	1.811164	-4.203274	-5.462814
605	1	0	1.105084	-4.589332	-6.211091
606	6	0	2.125578	-4.956860	-4.334892
607	1	0	1.662929	-5.946707	-4.200186
608	6	0	3.409206	-5.315551	-2.217598
609	1	0	3.183401	-6.394103	-2.445512
610	1	0	4.521880	-5.238726	-2.055622
611	1	0	0.194758	3.366186	5.647279
612	7	0	-0.771495	3.218403	5.945220
613	6	0	-1.808546	3.220333	5.076499
614	1	0	-0.985771	3.121768	6.928955
615	6	0	-1.453615	3.426509	3.608353
616	8	0	-2.985308	3.069092	5.440283
617	6	0	-2.045373	4.749385	3.084312
618	1	0	-1.883118	2.580113	3.057769
619	1	0	-0.367677	3.408144	3.469062
620	6	0	-1.770923	4.979754	1.584586
621	1	0	-1.610437	5.591501	3.636278
622	1	0	-3.125995	4.763038	3.260731
623	7	0	-2.253859	6.296410	1.174277
624	6	0	-2.482523	3.912089	0.730829
625	1	0	-0.697086	4.953916	1.389808
626	6	0	-1.428242	7.258508	0.708096
627	1	0	-3.255801	6.495382	1.264976
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629	7	0	-1.673575	3.125431	-0.013444
630	6	0	-2.105354	8.607084	0.361037
631	8	0	-0.201219	7.119159	0.574795
632	1	0	-0.662218	3.280762	0.019961
633	6	0	-2.195902	2.073216	-0.901813
634	7	0	-1.478577	9.645561	1.191732
635	6	0	-1.970598	8.843906	-1.140927
636	1	0	-3.167706	8.580058	0.628010
637	6	0	-1.607753	0.728728	-0.403274
638	6	0	-1.824815	2.255536	-2.371637
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640	6	0	-2.188076	10.401773	2.067491
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644	1	0	-0.874071	8.831040	-1.410518
645	8	0	-0.377138	0.572072	-0.342793
646	7	0	-2.510670	-0.204482	-0.028866
647	6	0	-2.390986	3.555811	-2.927656
648	6	0	-2.345330	1.070864	-3.163561
649	1	0	-0.699549	2.281567	-2.458199
650	6	0	-1.370940	11.410834	2.860549
651	8	0	-3.413264	10.292542	2.241884
652	1	0	-2.615642	7.924576	-2.996193
653	1	0	-2.181451	6.746064	-1.691099
654	1	0	-3.743428	7.666113	-1.599085
655	1	0	-2.546255	10.285662	-2.653242
656	1	0	-3.613880	10.266786	-1.187381
657	1	0	-1.967114	11.023459	-1.106233
658	1	0	-3.510165	0.016249	-0.086691
659	6	0	-2.100237	-1.492935	0.549607
660	6	0	-1.763470	3.933684	-4.245735
661	1	0	-3.502259	3.450078	-3.052681
662	1	0	-2.219911	4.393440	-2.200316
663	1	0	-2.168097	1.227322	-4.255021
664	1	0	-1.822041	0.131086	-2.858219
665	1	0	-3.442476	0.938014	-2.997296
666	1	0	-1.824414	12.399428	2.734963
667	1	0	-1.437500	11.150628	3.922707
668	1	0	-0.322489	11.438099	2.553154
669	6	0	-2.686805	-2.640706	-0.311387
670	6	0	-2.572797	-1.698577	1.988303
671	1	0	-1.005982	-1.521915	0.525565
672	1	0	-2.143311	4.930937	-4.576434
673	1	0	-0.651550	3.993662	-4.151328
674	1	0	-2.007999	3.187321	-5.039454
675	8	0	-3.908768	-2.728502	-0.497374
676	7	0	-1.773959	-3.509414	-0.801684
677	6	0	-2.079187	-3.035578	2.507642
678	6	0	-2.083751	-0.585764	2.892416
679	1	0	-3.702254	-1.704329	1.997434
680	1	0	-0.781560	-3.349823	-0.606591
681	6	0	-2.141092	-4.754891	-1.494665
682	1	0	-2.348430	-3.147266	3.586039
683	1	0	-2.546696	-3.878210	1.942393
684	1	0	-0.968551	-3.112117	2.408766
685	1	0	-2.345606	-0.813575	3.954253
686	1	0	-0.974404	-0.477265	2.815405

687	1	0	-2.556908	0.388433	2.620448
688	6	0	-1.700040	-5.917142	-0.568220
689	1	0	-3.227497	-4.752451	-1.635541
690	8	0	-0.497446	-6.057203	-0.289677
691	7	0	-2.683801	-6.712489	-0.087285
692	6	0	-1.852153	-4.002807	-3.881413
693	1	0	-3.659709	-6.509531	-0.322048
694	6	0	-2.364493	-7.747926	0.904128
695	6	0	-1.290841	-2.719620	-3.936675
696	6	0	-2.955435	-9.117088	0.502777
697	6	0	-2.755364	-7.408270	2.328339
698	1	0	-1.271663	-7.833104	0.896904
699	6	0	-1.628087	-1.838492	-4.957496
700	1	0	-0.572873	-2.404582	-3.162021
701	8	0	-4.139107	-9.269947	0.160510
702	7	0	-2.067347	-10.132249	0.585826
703	6	0	-4.211089	-7.064033	2.552822
704	1	0	-2.476493	-8.284596	2.975400
705	1	0	-2.122710	-6.537068	2.660518
706	6	0	-2.539978	-2.250552	-5.943280
707	1	0	-1.198055	-0.827403	-5.002336
708	1	0	-1.095040	-9.918341	0.811793
709	6	0	-2.442164	-11.508639	0.297448
710	6	0	-4.443078	-6.773280	4.022531
711	1	0	-4.498538	-6.168982	1.939266
712	1	0	-4.861156	-7.915161	2.213907
713	8	0	-2.813106	-1.347397	-6.945406
714	1	0	-1.666297	-12.174892	0.684365
715	1	0	-3.395018	-11.750358	0.779259
716	1	0	-2.551080	-11.681094	-0.781286
717	6	0	-5.899643	-6.398382	4.283035
718	1	0	-4.168660	-7.672975	4.634140
719	1	0	-3.769040	-5.934827	4.346567
720	1	0	-3.555506	-1.692319	-7.462770
721	7	0	-6.174943	-6.118238	5.671786
722	1	0	-6.165984	-5.529007	3.605190
723	1	0	-6.556221	-7.266474	3.980713
724	1	0	-5.584051	-5.390073	6.018984
725	1	0	-7.132246	-5.853405	5.789686
726	6	0	-3.115070	-3.527772	-5.898107
727	1	0	-3.838115	-3.838269	-6.665087
728	6	0	-2.770283	-4.392500	-4.862488
729	1	0	-3.226054	-5.393709	-4.820082

730	6	0	-1.436328	-4.960262	-2.823654
731	1	0	-1.658587	-6.011202	-3.158769
732	1	0	-0.321451	-4.891199	-2.673693
733	1	0	9.950761	4.448214	4.606483
734	7	0	8.998225	4.374398	4.967519
735	6	0	7.929349	4.168205	4.163450
736	1	0	8.822461	4.509969	5.954298
737	6	0	8.228037	4.023862	2.675616
738	8	0	6.768980	4.103413	4.597925
739	6	0	7.605886	5.186767	1.878398
740	1	0	7.785560	3.072011	2.356148
741	1	0	9.308170	3.972502	2.501907
742	6	0	7.823604	5.058274	0.357619
743	1	0	8.053385	6.135032	2.200122
744	1	0	6.532549	5.241365	2.088265
745	7	0	7.309920	6.238435	-0.333751
746	6	0	7.099409	3.816460	-0.195319
747	1	0	8.890439	4.992372	0.136182
748	6	0	8.109333	7.069778	-1.036816
749	1	0	6.307794	6.445179	-0.267583
750	8	0	5.865789	3.722928	-0.103283
751	7	0	7.894013	2.879110	-0.756747
752	6	0	7.403516	8.291080	-1.674611
753	8	0	9.334723	6.910801	-1.166533
754	1	0	8.904262	3.039832	-0.792721
755	6	0	7.359609	1.640538	-1.347142
756	7	0	8.034901	9.501828	-1.130784
757	6	0	7.498453	8.165392	-3.193150
758	1	0	6.348330	8.318334	-1.380677
759	6	0	7.974216	0.462456	-0.547686
760	6	0	7.688679	1.456338	-2.826975
761	1	0	6.272375	1.660870	-1.218985
762	6	0	7.333081	10.450594	-0.460323
763	1	0	9.032564	9.646670	-1.301792
764	6	0	6.879821	9.363692	-3.883144
765	1	0	8.588284	8.100721	-3.481830
766	8	0	9.206864	0.323977	-0.487748
767	7	0	7.088381	-0.342840	0.079515
768	6	0	7.171547	2.620998	-3.661042
769	6	0	7.081108	0.151413	-3.305554
770	1	0	8.810267	1.398039	-2.941373
771	6	0	8.154291	11.629767	0.040232
772	8	0	6.111788	10.385051	-0.243466

773	1	0	6.862600	9.200402	-4.988089
774	1	0	5.830787	9.518956	-3.531031
775	1	0	7.466039	10.290618	-3.676492
776	1	0	6.086242	-0.147509	-0.010913
777	6	0	7.518010	-1.453282	0.942724
778	6	0	7.680600	2.580229	-5.079884
779	1	0	6.048492	2.603844	-3.660760
780	1	0	7.487910	3.594232	-3.199920
781	1	0	7.313118	-0.015066	-4.386085
782	1	0	7.499432	-0.712638	-2.732063
783	1	0	5.971255	0.163429	-3.175078
784	1	0	7.705077	12.551982	-0.342710
785	1	0	8.085785	11.659786	1.133125
786	1	0	9.202705	11.572325	-0.263112
787	6	0	6.933010	-2.776225	0.384383
788	6	0	7.062080	-1.312192	2.393980
789	1	0	8.612413	-1.479036	0.910805
790	1	0	7.371711	3.507102	-5.621846
791	1	0	8.796017	2.516206	-5.098280
792	1	0	7.269618	1.700999	-5.632109
793	8	0	5.709184	-2.916632	0.246431
794	7	0	7.849876	-3.725256	0.094145
795	6	0	7.565552	-2.486105	3.211901
796	6	0	7.556109	-0.015459	3.001807
797	1	0	5.932818	-1.317503	2.416602
798	1	0	8.844517	-3.508282	0.200038
799	6	0	7.494047	-5.088697	-0.329452
800	1	0	7.293022	-2.344258	4.285971
801	1	0	7.107797	-3.442082	2.858946
802	1	0	8.677024	-2.573164	3.136245
803	1	0	7.306557	0.015548	4.090254
804	1	0	8.664095	0.073210	2.888682
805	1	0	7.076108	0.865239	2.511065
806	6	0	7.933558	-6.031159	0.820412
807	1	0	6.409121	-5.122185	-0.476680
808	8	0	9.136560	-6.104388	1.122360
809	7	0	6.952264	-6.708844	1.458863
810	6	0	7.988380	-4.693092	-2.769360
811	1	0	5.975412	-6.563918	1.187282
812	6	0	7.275795	-7.506371	2.649359
813	6	0	8.742137	-3.523145	-2.940992
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816	1	0	8.367887	-7.599971	2.651340
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820	7	0	7.559655	-9.902360	2.862431
821	6	0	5.453172	-6.465695	4.128860
822	1	0	7.188525	-7.574384	4.789339
823	1	0	7.544409	-5.941122	4.094297
824	6	0	7.632448	-3.109395	-5.039283
825	1	0	9.154162	-1.803717	-4.204796
826	1	0	8.532702	-9.646018	3.031690
827	6	0	7.177121	-11.306438	2.890184
828	6	0	5.242763	-5.847563	5.496974
829	1	0	5.158836	-5.731696	3.332127
830	1	0	4.797075	-7.368469	4.000662
831	8	0	7.512108	-2.284933	-6.135539
832	1	0	7.984402	-11.882673	3.350092
833	1	0	6.262284	-11.441931	3.476782
834	1	0	6.995339	-11.694845	1.879888
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836	1	0	5.533849	-6.582625	6.293109
837	1	0	5.914803	-4.954242	5.609084
838	1	0	6.771070	-2.606576	-6.669644
839	7	0	3.530500	-4.852685	6.987872
840	1	0	3.508093	-4.728258	4.842538
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844	6	0	6.874765	-4.277711	-4.883757
845	1	0	6.137408	-4.567385	-5.645382
846	6	0	7.056077	-5.059194	-3.745157
847	1	0	6.455290	-5.972539	-3.615068
848	6	0	8.215239	-5.556576	-1.581618
849	1	0	7.864173	-6.602965	-1.796886
850	1	0	9.321524	-5.611664	-1.372595
851	6	0	6.801909	6.895972	-3.644724
852	1	0	7.314823	5.994619	-3.228843
853	1	0	5.737518	6.890003	-3.304233
854	1	0	6.819320	6.827363	-4.759078
855	1	0	19.673206	5.212908	2.907492
856	7	0	18.734161	5.237513	3.300252
857	6	0	17.638645	4.857110	2.598612
858	1	0	18.593345	5.587577	4.238695

859	6	0	17.889194	4.372223	1.174804
860	8	0	16.495239	4.901234	3.074133
861	6	0	17.210044	5.302850	0.151933
862	1	0	17.461921	3.364018	1.105033
863	1	0	18.963481	4.296874	0.974144
864	6	0	17.366618	4.820858	-1.305645
865	1	0	17.645650	6.307227	0.219391
866	1	0	16.145247	5.390986	0.390975
867	7	0	16.792973	5.802713	-2.223190
868	6	0	16.649914	3.471768	-1.508071
869	1	0	18.424026	4.721329	-1.556545
870	6	0	17.539586	6.470363	-3.128659
871	1	0	15.790337	6.009288	-2.152888
872	8	0	15.420821	3.398621	-1.370754
873	7	0	17.446931	2.422164	-1.812222
874	6	0	16.777709	7.515976	-3.980802
875	8	0	18.761482	6.295195	-3.286592
876	1	0	18.449091	2.581473	-1.931982
877	6	0	16.917919	1.068001	-2.063453
878	7	0	17.411267	8.827005	-3.771495
879	6	0	16.780158	7.044587	-5.432678
880	1	0	15.742256	7.604385	-3.633448
881	6	0	17.582008	0.120039	-1.030025
882	6	0	17.207597	0.536281	-3.464869
883	1	0	15.834883	1.107795	-1.906060
884	6	0	16.725113	9.895347	-3.285175
885	1	0	18.378714	8.960013	-4.067853
886	6	0	16.064043	5.711288	-5.536137
887	6	0	16.115281	8.057271	-6.342071
888	1	0	17.850650	6.904926	-5.763745
889	8	0	18.818385	-0.002775	-0.997563
890	7	0	16.733681	-0.511130	-0.186486
891	6	0	16.577384	1.415509	-4.537044
892	6	0	16.687990	-0.884995	-3.573201
893	1	0	18.326138	0.522052	-3.617448
894	6	0	17.529752	11.177613	-3.137351
895	8	0	15.528599	9.853900	-2.960306
896	1	0	16.000731	5.394531	-6.604990
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898	1	0	15.027433	5.789592	-5.125573
899	1	0	16.024349	7.640276	-7.374460
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905	1	0	15.466749	1.248128	-4.545179
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908	1	0	17.250495	-1.563251	-2.884212
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914	6	0	16.856258	-0.851316	2.297288
915	1	0	18.312751	-1.402637	0.815977
916	1	0	16.715912	1.848688	-6.650303
917	1	0	18.256621	1.252189	-5.904158
918	1	0	16.903578	0.096737	-6.238174
919	8	0	15.404341	-2.957973	0.639142
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921	6	0	17.381089	-1.799825	3.358182
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925	6	0	17.177864	-5.216931	0.740479
926	1	0	17.227993	-1.359838	4.373585
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928	1	0	18.473434	-1.986568	3.214492
929	1	0	17.217004	0.858579	3.580462
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953	6	0	16.700316	-10.376404	5.431321
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955	1	0	14.811838	-4.834252	4.464127
956	1	0	14.425716	-6.255671	5.506615
957	8	0	17.483068	-3.956124	-5.575050
958	1	0	17.504948	-10.857568	5.993736
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961	6	0	13.418603	-3.983810	6.679481
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973	1	0	16.187412	-6.853156	-2.259354
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979	6	0	12.790190	4.554429	3.474646
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982	8	0	11.642979	4.538748	3.945680
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986	6	0	12.601264	4.985662	-0.406662
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991	1	0	13.664390	4.903118	-0.640926
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994	8	0	10.649336	3.589074	-0.663821
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1002	1	0	11.061921	8.008960	-2.480467
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1004	6	0	12.464358	1.028053	-3.135637
1005	1	0	11.059114	1.410340	-1.550723
1006	6	0	12.060001	10.227136	-1.803925
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1010	1	0	13.254574	7.572894	-4.597198
1011	8	0	14.012474	0.188583	-0.692525
1012	7	0	11.901522	-0.413795	-0.030746
1013	6	0	11.872192	2.049481	-4.098026
1014	6	0	11.924037	-0.357182	-3.435626
1015	1	0	13.585786	1.013756	-3.264559
1016	6	0	12.889536	11.450838	-1.443415
1017	8	0	10.845065	10.183628	-1.551782
1018	1	0	11.468994	6.172860	-5.695026
1019	1	0	11.976406	5.511132	-4.086868
1020	1	0	10.402891	6.402390	-4.245551
1021	1	0	11.494227	8.514282	-6.171712
1022	1	0	10.499786	8.990892	-4.731934
1023	1	0	12.133229	9.733723	-4.997903
1024	1	0	10.897633	-0.231814	-0.130187
1025	6	0	12.342418	-1.416530	0.949500
1026	6	0	12.402900	1.889235	-5.500316
1027	1	0	10.753739	1.945767	-4.101860
1028	1	0	12.106269	3.089682	-3.747277
1029	1	0	12.118717	-0.628626	-4.501821
1030	1	0	12.423378	-1.123698	-2.792341

1031	1	0	10.822171	-0.399060	-3.252706
1032	1	0	12.419134	12.332153	-1.891332
1033	1	0	12.860636	11.579653	-0.355873
1034	1	0	13.926908	11.371000	-1.777792
1035	6	0	11.769184	-2.798565	0.544653
1036	6	0	11.887028	-1.113754	2.376229
1037	1	0	13.437003	-1.437466	0.919235
1038	1	0	12.020582	2.714884	-6.148638
1039	1	0	13.519779	1.924002	-5.506994
1040	1	0	12.079612	0.918156	-5.946883
1041	8	0	10.551609	-2.953625	0.375276
1042	7	0	12.689704	-3.780386	0.421370
1043	6	0	12.316789	-2.228171	3.310728
1044	6	0	12.451585	0.206908	2.858204
1045	1	0	10.759090	-1.053256	2.388890
1046	1	0	13.681469	-3.551886	0.526906
1047	6	0	12.338536	-5.189491	0.182652
1048	1	0	12.089594	-1.945888	4.367573
1049	1	0	11.769338	-3.174039	3.077868
1050	1	0	13.414016	-2.419430	3.222479
1051	1	0	12.166509	0.377581	3.924728
1052	1	0	13.566446	0.206601	2.784227
1053	1	0	12.054657	1.056761	2.252462
1054	6	0	12.763303	-5.963537	1.456838
1055	1	0	11.255463	-5.242497	0.026030
1056	8	0	13.963688	-5.991522	1.777520
1057	7	0	11.776377	-6.549466	2.171996
1058	6	0	12.860641	-5.144193	-2.285554
1059	1	0	10.800127	-6.437652	1.881698
1060	6	0	12.092930	-7.186401	3.457320
1061	6	0	13.595253	-3.994138	-2.607830
1062	6	0	11.482619	-8.602588	3.555345
1063	6	0	11.725779	-6.371967	4.681350
1064	1	0	13.184083	-7.285437	3.473236
1065	6	0	13.437773	-3.371809	-3.840590
1066	1	0	14.307960	-3.577521	-1.875870
1067	8	0	10.295874	-8.855848	3.293516
1068	7	0	12.363940	-9.536727	3.977424
1069	6	0	10.273782	-5.965110	4.795616
1070	1	0	12.016113	-6.971644	5.587225
1071	1	0	12.362971	-5.442603	4.682638
1072	6	0	12.533893	-3.913989	-4.769431
1073	1	0	14.005348	-2.465130	-4.096986

1074	1	0	13.336334	-9.262845	4.119011
1075	6	0	11.972889	-10.924135	4.179951
1076	6	0	10.068770	-5.168726	6.069110
1077	1	0	9.971423	-5.347351	3.908347
1078	1	0	9.621530	-6.879764	4.794932
1079	8	0	12.432240	-3.264409	-5.979038
1080	1	0	12.819802	-11.469561	4.604469
1081	1	0	11.123767	-10.992392	4.869409
1082	1	0	11.682969	-11.398876	3.234461
1083	6	0	8.608720	-4.752435	6.224647
1084	1	0	10.383243	-5.782600	6.954160
1085	1	0	10.725414	-4.257384	6.047777
1086	1	0	11.695705	-3.659675	-6.467983
1087	7	0	8.357260	-4.005299	7.433404
1088	1	0	8.304395	-4.182533	5.292330
1089	1	0	7.970600	-5.683717	6.266101
1090	1	0	8.913581	-3.175247	7.468986
1091	1	0	7.389587	-3.760007	7.495799
1092	6	0	11.794698	-5.064403	-4.463153
1093	1	0	11.083150	-5.477720	-5.191435
1094	6	0	11.961220	-5.668582	-3.219413
1095	1	0	11.375388	-6.567307	-2.972321
1096	6	0	13.076196	-5.825613	-0.982864
1097	1	0	12.733158	-6.894556	-1.049568
1098	1	0	14.180314	-5.843160	-0.756222
1099	1	0	24.590988	5.264504	2.041131
1100	7	0	23.666293	5.359573	2.433690
1101	6	0	22.548621	4.989161	1.745922
1102	1	0	23.559727	5.774472	3.350140
1103	6	0	22.774339	4.391887	0.361703
1104	8	0	21.418627	5.129215	2.220388
1105	6	0	22.064035	5.230974	-0.717921
1106	1	0	22.360274	3.375594	0.393380
1107	1	0	23.844712	4.301772	0.139120
1108	6	0	22.155876	4.624222	-2.135521
1109	1	0	22.505641	6.233575	-0.758674
1110	1	0	21.009253	5.345323	-0.449248
1111	7	0	21.528860	5.501664	-3.113961
1112	6	0	21.434765	3.267728	-2.182303
1113	1	0	23.206582	4.524220	-2.426559
1114	6	0	22.262915	6.264698	-3.964476
1115	1	0	20.508626	5.600702	-3.106891
1116	8	0	20.207471	3.218740	-2.026610

1117	7	0	22.211207	2.179337	-2.382934
1118	6	0	21.428490	7.121603	-4.948187
1119	8	0	23.498548	6.304010	-3.975033
1120	1	0	23.217981	2.281574	-2.430462
1121	6	0	21.690966	0.800319	-2.347996
1122	7	0	22.065520	8.444137	-4.995240
1123	6	0	21.356396	6.406568	-6.295644
1124	1	0	20.410326	7.260552	-4.569810
1125	6	0	22.389235	0.102172	-1.148036
1126	6	0	21.956070	0.007187	-3.624145
1127	1	0	20.610412	0.864298	-2.182869
1128	6	0	21.395666	9.602446	-4.761537
1129	1	0	23.076458	8.446993	-5.058614
1130	6	0	20.667986	7.268062	-7.335384
1131	1	0	22.404155	6.186427	-6.648515
1132	8	0	23.601216	0.250436	-0.957429
1133	7	0	21.567307	-0.641631	-0.358722
1134	6	0	21.273373	0.648291	-4.827243
1135	6	0	21.460942	-1.415379	-3.436226
1136	1	0	23.067517	-0.019132	-3.812177
1137	6	0	22.245802	10.864579	-4.747408
1138	8	0	20.172750	9.655155	-4.569271
1139	1	0	20.520209	6.685204	-8.276880
1140	1	0	19.669397	7.605550	-6.964860
1141	1	0	21.279978	8.169174	-7.578002
1142	1	0	20.555641	-0.588388	-0.504176
1143	6	0	22.075304	-1.310799	0.842892
1144	6	0	21.876852	0.187720	-6.130307
1145	1	0	20.178865	0.396625	-4.806992
1146	1	0	21.352129	1.766137	-4.773944
1147	1	0	21.439448	-1.950180	-4.416357
1148	1	0	22.136047	-1.977994	-2.747399
1149	1	0	20.427694	-1.418698	-3.007416
1150	1	0	21.857535	11.554821	-5.502852
1151	1	0	22.137575	11.348049	-3.771213
1152	1	0	23.306439	10.678115	-4.941594
1153	6	0	21.478718	-2.738807	0.895299
1154	6	0	21.736501	-0.610846	2.162005
1155	1	0	23.166618	-1.340381	0.737194
1156	1	0	21.352332	0.676347	-6.987103
1157	1	0	22.960022	0.455747	-6.181249
1158	1	0	21.784579	-0.918820	-6.249136
1159	8	0	20.277595	-2.930568	0.668604

1160	7	0	22.352954	-3.724547	1.215440
1161	6	0	22.579012	-1.178980	3.288068
1162	6	0	21.957437	0.886209	2.066274
1163	1	0	20.647055	-0.794222	2.394643
1164	1	0	23.284816	-3.461709	1.519021
1165	6	0	21.931890	-5.080788	1.597730
1166	1	0	22.355436	-0.634950	4.238022
1167	1	0	22.366767	-2.262804	3.454807
1168	1	0	23.667016	-1.060695	3.064683
1169	1	0	21.949829	1.341475	3.086192
1170	1	0	22.940330	1.106823	1.581991
1171	1	0	21.148118	1.367901	1.465603
1172	6	0	22.253047	-5.253435	3.107789
1173	1	0	20.857837	-5.171268	1.403390
1174	8	0	23.290701	-4.774779	3.576209
1175	7	0	21.376298	-6.011079	3.824133
1176	6	0	22.600373	-6.120064	-0.602425
1177	1	0	20.423697	-6.142592	3.472380
1178	6	0	21.664929	-6.264287	5.238785
1179	6	0	23.550740	-5.389288	-1.328726
1180	6	0	20.946179	-7.546658	5.709116
1181	6	0	21.353023	-5.121352	6.188654
1182	1	0	22.750749	-6.422406	5.300642
1183	6	0	23.510479	-5.347655	-2.717156
1184	1	0	24.339905	-4.839608	-0.792845
1185	8	0	19.830608	-7.886624	5.297748
1186	7	0	21.625458	-8.261954	6.641092
1187	6	0	19.907693	-4.675558	6.178730
1188	1	0	21.638599	-5.440812	7.226860
1189	1	0	22.010973	-4.250574	5.914813
1190	6	0	22.499822	-6.053829	-3.391217
1191	1	0	24.251438	-4.776747	-3.293759
1192	1	0	22.550656	-7.954288	6.907257
1193	6	0	21.074114	-9.461434	7.262395
1194	6	0	19.680326	-3.606434	7.226807
1195	1	0	19.635319	-4.276011	5.165711
1196	1	0	19.236637	-5.556000	6.372250
1197	8	0	22.512485	-5.982131	-4.764917
1198	1	0	21.735967	-9.775274	8.073376
1199	1	0	20.080290	-9.256603	7.673688
1200	1	0	20.989093	-10.278394	6.536474
1201	6	0	18.220925	-3.155545	7.219482
1202	1	0	19.948207	-4.005256	8.240383

1203	1	0	20.353016	-2.732236	7.023539
1204	1	0	21.740470	-6.463925	-5.095994
1205	7	0	17.925874	-2.177703	8.237987
1206	1	0	17.972349	-2.786916	6.176595
1207	1	0	17.563375	-4.053830	7.412528
1208	1	0	18.504629	-1.367957	8.142629
1209	1	0	16.963822	-1.907968	8.194745
1210	6	0	21.543910	-6.791795	-2.679518
1211	1	0	20.754862	-7.339112	-3.213879
1212	6	0	21.600472	-6.816975	-1.288523
1213	1	0	20.849245	-7.392599	-0.725766
1214	6	0	22.685016	-6.189610	0.879391
1215	1	0	22.255351	-7.166128	1.236720
1216	1	0	23.766779	-6.166654	1.189412
1217	6	0	20.609608	5.095047	-6.136787
1218	1	0	21.235688	4.345205	-5.596010
1219	1	0	19.661167	5.248636	-5.563184
1220	1	0	20.356126	4.675358	-7.140187

P Pl (Ac-VQIINK-NHMe)<sub>1</sub>

1	6	0	12.920503	-0.711437	0.647949
2	6	0	11.659353	-1.377181	0.110123
3	8	0	11.700702	-2.407577	-0.563587
4	1	0	10.458734	0.056175	1.038206
5	7	0	10.487785	-0.740137	0.411897
6	6	0	9.183765	-1.261903	-0.000953
7	6	0	8.178852	-0.095496	0.162851
8	8	0	8.407650	0.833560	0.954024
9	6	0	8.733161	-2.508685	0.759889
10	6	0	8.377840	-2.210469	2.199880
11	6	0	7.586371	-3.209332	0.060258
12	1	0	13.583535	-0.490808	-0.194427
13	1	0	12.726656	0.211353	1.204237
14	1	0	13.440272	-1.422190	1.298397
15	1	0	9.252864	-1.537824	-1.062929
16	1	0	9.613671	-3.221253	0.751528
17	1	0	8.045568	-3.145369	2.712494
18	1	0	9.260346	-1.800277	2.747080
19	1	0	7.550914	-1.461179	2.258095
20	1	0	7.494477	-4.251021	0.455141
21	1	0	6.611539	-2.693421	0.238552
22	1	0	7.765292	-3.269902	-1.040608
23	1	0	6.902767	-1.011959	-1.157994
24	7	0	7.086195	-0.158384	-0.629550
25	6	0	5.900734	0.683308	-0.486261
26	6	0	4.689896	-0.251859	-0.701432
27	8	0	4.825437	-1.335898	-1.282425
28	6	0	5.865117	1.837062	-1.520073
29	6	0	6.949172	2.912227	-1.301595
30	6	0	6.611233	3.819988	-0.113040
31	8	0	5.789576	4.730746	-0.215084
32	7	0	7.277143	3.536413	1.047310
33	1	0	7.007145	4.057047	1.871685
34	1	0	7.794519	2.664033	1.144980
35	1	0	5.883100	1.094454	0.529038
36	1	0	5.981072	1.396429	-2.518163
37	1	0	4.881907	2.320875	-1.490923
38	1	0	7.933219	2.447254	-1.185539
39	1	0	6.977843	3.560006	-2.183355
40	1	0	3.430089	1.078187	0.289275
41	7	0	3.506280	0.219174	-0.251717

42	6	0	2.238400	-0.502446	-0.410936
43	6	0	1.136739	0.533766	-0.046133
44	8	0	1.407967	1.534907	0.624128
45	6	0	2.135031	-1.775125	0.427207
46	6	0	0.977664	-2.650269	-0.040477
47	6	0	2.023848	-1.472008	1.906092
48	6	0	1.219577	-4.106194	0.272227
49	1	0	2.138840	-0.790053	-1.467914
50	1	0	3.090792	-2.356720	0.253345
51	1	0	0.026575	-2.320088	0.454763
52	1	0	0.837905	-2.539797	-1.149213
53	1	0	1.930224	-2.421731	2.486359
54	1	0	2.929372	-0.926535	2.265410
55	1	0	1.127606	-0.838248	2.115948
56	1	0	0.346656	-4.718537	-0.060247
57	1	0	2.131920	-4.478148	-0.254196
58	1	0	1.360459	-4.259488	1.369475
59	1	0	-0.287970	-0.549850	-1.108601
60	7	0	-0.099730	0.258439	-0.519506
61	6	0	-1.269537	1.106629	-0.261205
62	6	0	-2.497188	0.236311	-0.644994
63	8	0	-2.369186	-0.771709	-1.352854
64	6	0	-1.246455	2.438729	-1.008147
65	6	0	-1.459923	2.257784	-2.495662
66	6	0	-2.256480	3.421247	-0.425896
67	1	0	-1.302896	1.328419	0.815433
68	1	0	-0.215956	2.880685	-0.847972
69	1	0	-1.447237	3.250617	-3.007392
70	1	0	-0.652891	1.623624	-2.935130
71	1	0	-2.442697	1.766852	-2.700397
72	1	0	-3.260951	3.265685	-0.901781
73	1	0	-2.372453	3.244174	0.676942
74	1	0	-3.788254	1.495124	0.401099
75	7	0	-3.681602	0.628297	-0.127292
76	6	0	-4.941463	0.000991	-0.487119
77	6	0	-6.049506	0.966263	-0.002018
78	8	0	-5.764393	1.988585	0.632427
79	1	0	-4.999249	-0.105031	-1.577034
80	1	0	-7.410437	-0.359510	-0.716385
81	7	0	-7.305725	0.582366	-0.318309
82	6	0	-8.442086	1.180422	0.378441
83	6	0	-8.477837	0.675704	1.859257
84	8	0	-7.885743	-0.339008	2.219706



85	6	0	-9.765446	0.902193	-0.303959
86	6	0	-10.123766	-0.568957	-0.357391
87	6	0	-11.537366	-0.757935	-0.864985
88	6	0	-11.880347	-2.246175	-0.916983
89	7	0	-13.232797	-2.504717	-1.351787
90	1	0	-13.426655	-2.043989	-2.218436
91	1	0	-13.378548	-3.488085	-1.463159
92	1	0	-9.612991	2.313209	2.326538
93	7	0	-9.226400	1.453698	2.693791
94	6	0	-9.395631	1.162871	4.110939
95	1	0	-8.283829	2.268072	0.398115
96	1	0	-10.567522	1.462294	0.248245
97	1	0	-9.736936	1.314439	-1.348871
98	1	0	-9.408959	-1.119312	-1.027526
99	1	0	-10.023938	-1.017687	0.667365
100	1	0	-12.259258	-0.224976	-0.192370
101	1	0	-11.634293	-0.305276	-1.886565
102	1	0	-11.110277	-2.758229	-1.568871
103	1	0	-11.773208	-2.678463	0.119219
104	1	0	-10.458181	1.143789	4.380673
105	1	0	-8.958993	0.180866	4.302441
106	1	0	-8.881713	1.905191	4.734574
107	6	0	-1.826244	4.851365	-0.640963
108	1	0	-1.698133	5.068447	-1.728968
109	1	0	-2.597607	5.547238	-0.230670
110	1	0	-0.856340	5.055408	-0.125657
111	6	0	-5.086928	-1.409757	0.159278
112	1	0	-4.085673	-1.812213	0.326976
113	1	0	-5.596993	-1.327167	1.127532
114	6	0	-5.899851	-2.372676	-0.700788
115	1	0	-4.509904	-3.889858	-0.423239
116	8	0	-6.941042	-2.038642	-1.281553
117	7	0	-5.426404	-3.647823	-0.769490
118	1	0	-5.923125	-4.310470	-1.350611

P Pl (Ac-VQIINK-NHMe)<sub>2</sub>

P Pl (Ac-VQIINK-NHMe)<sub>3</sub>

P Pl (Ac-VQIINK-NHMe)<sub>4</sub>

P Pl (Ac-VQIINK-NHMe)<sub>5</sub>

P Pl (Ac-VQIINK-NHMe)<sub>6</sub>

P Pl (Ac-VQIINK-NHMe)<sub>7</sub>

1	6	0	-13.264654	11.117540	4.942744
2	6	0	-13.960994	10.331551	3.838823
3	1	0	-13.769586	12.083043	5.051853
4	1	0	-13.389983	10.573184	5.884893
5	1	0	-12.200192	11.272568	4.746252
6	8	0	-15.171643	10.090557	3.872193
7	7	0	-13.139649	9.920750	2.825408
8	1	0	-12.137629	10.113668	2.867102
9	6	0	-13.656626	9.110023	1.719033
10	6	0	-13.125342	7.668421	1.905575
11	6	0	-13.247231	9.598582	0.333667
12	1	0	-14.749692	9.139590	1.808078
13	8	0	-11.908829	7.435184	1.832606
14	7	0	-14.049058	6.722557	2.188383
15	6	0	-13.939516	8.763272	-0.726287
16	6	0	-13.580404	11.062953	0.137675
17	1	0	-12.130635	9.463986	0.224884
18	1	0	-15.030569	6.974424	2.207679
19	6	0	-13.720012	5.315941	2.421451
20	1	0	-13.606178	9.086425	-1.741827
21	1	0	-13.691451	7.680956	-0.601638
22	1	0	-15.047825	8.885033	-0.663435
23	1	0	-13.412957	11.351393	-0.928549
24	1	0	-14.648526	11.261873	0.395283
25	1	0	-12.932667	11.706659	0.779868
26	6	0	-14.460794	4.476261	1.361876
27	6	0	-14.122927	4.894538	3.849941
28	1	0	-12.640308	5.221197	2.291797
29	8	0	-15.671910	4.620736	1.174068

30	7	0	-13.678207	3.579041	0.698079
31	6	0	-13.611839	3.493929	4.232016
32	1	0	-13.706112	5.636489	4.542788
33	1	0	-15.213035	4.922819	3.954601
34	1	0	-12.664371	3.619591	0.817968
35	6	0	-14.209518	2.731407	-0.378001
36	6	0	-14.035404	3.129835	5.657330
37	1	0	-14.052706	2.740676	3.567084
38	1	0	-12.522946	3.435625	4.122755
39	6	0	-13.645663	1.308883	-0.147211
40	6	0	-13.829086	3.188575	-1.786760
41	1	0	-15.301851	2.753680	-0.284758
42	8	0	-15.216099	3.148123	6.010785
43	7	0	-13.015687	2.774494	6.493053
44	8	0	-12.425702	1.140327	-0.006019
45	7	0	-14.551783	0.304671	-0.097780
46	6	0	-14.528370	4.496285	-2.137613
47	6	0	-14.181282	2.113340	-2.795666
48	1	0	-12.711937	3.350940	-1.820329
49	1	0	-13.260981	2.571585	7.452634
50	1	0	-12.035137	2.847022	6.229452
51	1	0	-15.534910	0.505370	-0.240346
52	6	0	-14.181499	-1.111827	0.093092
53	6	0	-13.810994	5.241572	-3.234293
54	1	0	-15.582535	4.277133	-2.454656
55	1	0	-14.593065	5.155181	-1.230487
56	1	0	-14.039193	2.499833	-3.834089
57	1	0	-13.521662	1.220948	-2.661736
58	1	0	-15.245495	1.792475	-2.685014
59	6	0	-14.816321	-1.896841	-1.086743
60	6	0	-14.680860	-1.710271	1.405078
61	1	0	-13.089077	-1.161679	0.063044
62	1	0	-14.329179	6.209073	-3.441843
63	1	0	-12.756242	5.462423	-2.938125
64	1	0	-13.791410	4.644746	-4.178064
65	8	0	-16.038036	-1.894506	-1.253228
66	7	0	-13.918608	-2.518859	-1.900646
67	6	0	-14.366140	-3.194965	1.422472
68	6	0	-14.048446	-1.021032	2.607594
69	1	0	-15.800207	-1.581525	1.457865
70	1	0	-12.929784	-2.504838	-1.645669
71	6	0	-14.326171	-3.281835	-3.067156
72	1	0	-14.628067	-3.630187	2.416505

73	1	0	-14.956538	-3.727920	0.637859
74	1	0	-13.278905	-3.368745	1.231104
75	1	0	-13.003075	-1.407444	2.747125
76	1	0	-13.964534	0.082880	2.424058
77	6	0	-13.931243	-4.759978	-2.913259
78	6	0	-13.645534	-2.777955	-4.362286
79	1	0	-15.409895	-3.167074	-3.161242
80	8	0	-12.848494	-5.088872	-2.404834
81	7	0	-14.815378	-5.648465	-3.429436
82	1	0	-12.558354	-2.845128	-4.265336
83	1	0	-13.958375	-3.419742	-5.195492
84	1	0	-15.621554	-5.296184	-3.934692
85	6	0	-14.479472	-7.059423	-3.661740
86	6	0	-14.390822	-7.294668	-5.194508
87	6	0	-15.467398	-8.039201	-3.060755
88	1	0	-13.500762	-7.230912	-3.196908
89	8	0	-15.205202	-6.777084	-5.964880
90	7	0	-13.378729	-8.117097	-5.573058
91	6	0	-16.904526	-7.798061	-3.471603
92	1	0	-15.152719	-9.071372	-3.374318
93	1	0	-15.389903	-7.993177	-1.940232
94	1	0	-12.661080	-8.346482	-4.885914
95	6	0	-13.144558	-8.451107	-6.969210
96	6	0	-17.785780	-8.957104	-3.056970
97	1	0	-17.283284	-6.854410	-2.996915
98	1	0	-16.960038	-7.655414	-4.584919
99	1	0	-12.945689	-9.524217	-7.076322
100	1	0	-14.037590	-8.189144	-7.540649
101	1	0	-12.292432	-7.892560	-7.380102
102	6	0	-19.232560	-8.688272	-3.468412
103	1	0	-17.423694	-9.902612	-3.539074
104	1	0	-17.721342	-9.101523	-1.946622
105	7	0	-20.135334	-9.761265	-3.122773
106	1	0	-19.545481	-7.699251	-3.016337
107	1	0	-19.272586	-8.564499	-4.588759
108	1	0	-20.048262	-10.007032	-2.156795
109	1	0	-21.080444	-9.490244	-3.307533
110	8	0	-10.309005	10.561386	3.110945
111	6	0	-9.067929	10.554371	3.095630
112	7	0	-8.325433	9.776731	2.265849
113	6	0	-8.270004	11.429967	4.050959
114	6	0	-8.932969	8.861967	1.288357
115	1	0	-7.308045	9.874226	2.273225

116	1	0	-8.609494	12.464665	3.936904
117	1	0	-8.501039	11.119449	5.075899
118	1	0	-7.192605	11.368371	3.879423
119	6	0	-8.343862	7.452472	1.539949
120	6	0	-8.672167	9.238806	-0.168678
121	1	0	-10.013030	8.863649	1.470781
122	7	0	-9.240265	6.484398	1.822947
123	8	0	-7.114543	7.272461	1.491603
124	6	0	-9.361925	8.245316	-1.083779
125	6	0	-9.159366	10.641269	-0.469144
126	1	0	-7.560001	9.191802	-0.359021
127	1	0	-10.237827	6.721192	1.850270
128	6	0	-8.844454	5.108599	2.122879
129	1	0	-9.231340	8.552853	-2.149180
130	1	0	-8.927043	7.223950	-0.956676
131	1	0	-10.455586	8.197168	-0.857988
132	1	0	-9.071582	10.849890	-1.563003
133	1	0	-10.230073	10.756730	-0.170127
134	1	0	-8.552999	11.400101	0.080645
135	6	0	-9.607096	4.163815	1.174109
136	6	0	-9.151528	4.760199	3.592763
137	1	0	-7.771518	5.034031	1.936215
138	8	0	-10.844214	4.107258	1.205320
139	7	0	-8.831151	3.423588	0.346873
140	6	0	-8.662022	3.353117	3.984948
141	1	0	-8.663071	5.512215	4.224608
142	1	0	-10.230058	4.832057	3.766396
143	1	0	-7.815913	3.537657	0.383127
144	6	0	-9.399276	2.484079	-0.633663
145	6	0	-9.032319	3.027028	5.428497
146	1	0	-9.155219	2.599497	3.357903
147	1	0	-7.580733	3.263421	3.835087
148	6	0	-8.833122	1.080047	-0.298429
149	6	0	-9.058923	2.811674	-2.086620
150	1	0	-10.486574	2.500979	-0.503825
151	8	0	-10.212213	2.982984	5.800754
152	7	0	-7.992513	2.789477	6.266731
153	8	0	-7.605467	0.885749	-0.314637
154	7	0	-9.751545	0.144678	0.021520
155	6	0	-9.546272	4.202085	-2.472917
156	6	0	-9.680711	1.764084	-2.991149
157	1	0	-7.937015	2.774151	-2.207568
158	1	0	-8.210114	2.593559	7.234667

159	1	0	-7.019750	2.849652	5.965802
160	1	0	-10.743804	0.400573	0.029254
161	6	0	-9.384297	-1.234910	0.385661
162	6	0	-8.985098	4.656729	-3.796766
163	1	0	-10.668692	4.202081	-2.516252
164	1	0	-9.246734	4.946573	-1.687994
165	1	0	-9.445000	1.988673	-4.059185
166	1	0	-9.281722	0.747559	-2.753947
167	1	0	-10.791627	1.746137	-2.867975
168	6	0	-10.013972	-2.175970	-0.675485
169	6	0	-9.886853	-1.668506	1.760959
170	1	0	-8.291788	-1.300093	0.359854
171	1	0	-9.271162	5.719800	-3.987168
172	1	0	-7.869824	4.586069	-3.798595
173	1	0	-9.377679	4.035382	-4.637349
174	8	0	-11.240916	-2.201266	-0.836333
175	7	0	-9.137874	-2.914936	-1.397780
176	6	0	-9.508515	-3.120278	1.989752
177	6	0	-9.318868	-0.789473	2.866789
178	1	0	-11.013030	-1.583743	1.772649
179	1	0	-8.140888	-2.861845	-1.173507
180	6	0	-9.574693	-3.833489	-2.443604
181	1	0	-9.802096	-3.435958	3.019412
182	1	0	-10.034596	-3.781065	1.258409
183	1	0	-8.406403	-3.262650	1.872402
184	1	0	-8.226985	-1.017944	2.995900
185	1	0	-9.397976	0.291922	2.576691
186	6	0	-9.169784	-5.270117	-2.064550
187	6	0	-8.932527	-3.488612	-3.804752
188	1	0	-10.660520	-3.750855	-2.513330
189	8	0	-7.981275	-5.547857	-1.828372
190	7	0	-10.178595	-6.170512	-2.039719
191	1	0	-7.848341	-3.616864	-3.754571
192	1	0	-9.326420	-4.179505	-4.561075
193	1	0	-11.142447	-5.855207	-2.185916
194	6	0	-9.932650	-7.581374	-1.713424
195	6	0	-10.238680	-8.478178	-2.939603
196	6	0	-10.689141	-8.083460	-0.500577
197	1	0	-8.861887	-7.653108	-1.484926
198	8	0	-11.317435	-8.420919	-3.549395
199	7	0	-9.244485	-9.328209	-3.274846
200	6	0	-12.196522	-7.998533	-0.601235
201	1	0	-10.387323	-9.153595	-0.333347

202	1	0	-10.348917	-7.499812	0.399230
203	1	0	-8.339976	-9.254789	-2.807927
204	6	0	-9.378171	-10.248499	-4.394474
205	6	0	-12.834433	-8.511221	0.673572
206	1	0	-12.518720	-6.937842	-0.785510
207	1	0	-12.549649	-8.602361	-1.480238
208	1	0	-8.572628	-10.986148	-4.341275
209	1	0	-10.343000	-10.763386	-4.348877
210	1	0	-9.318232	-9.726506	-5.358753
211	6	0	-14.356518	-8.505567	0.547661
212	1	0	-12.477284	-9.552561	0.887691
213	1	0	-12.517570	-7.865881	1.534861
214	7	0	-15.032615	-8.942950	1.746829
215	1	0	-14.676589	-7.469324	0.224555
216	1	0	-14.652009	-9.215448	-0.278244
217	1	0	-14.707623	-8.437780	2.547067
218	1	0	-16.019781	-8.808527	1.654796
219	8	0	-6.454005	-2.534205	-0.526758
220	6	0	-5.223153	-2.457616	-0.416967
221	6	0	-4.586106	-1.368203	0.482727
222	7	0	-4.351150	-3.259717	-1.072025
223	7	0	-4.946631	-0.059812	-0.092318
224	6	0	-5.084064	-1.575717	1.912201
225	1	0	-3.494052	-1.441937	0.462803
226	1	0	-3.350609	-3.166607	-0.877634
227	6	0	-4.790495	-4.328146	-1.964169
228	6	0	-4.016747	0.837171	-0.480935
229	1	0	-5.939888	0.195001	-0.137558
230	6	0	-4.648459	-2.945931	2.395614
231	6	0	-4.564334	-0.490427	2.844739
232	1	0	-6.213040	-1.537498	1.906032
233	6	0	-4.352594	-5.681156	-1.376973
234	6	0	-4.159849	-4.186758	-3.366790
235	1	0	-5.878080	-4.274713	-2.033537
236	6	0	-4.565873	2.203406	-0.965597
237	8	0	-2.789691	0.642429	-0.441284
238	1	0	-4.995589	-3.108288	3.444265
239	1	0	-5.088308	-3.745955	1.751811
240	1	0	-3.535109	-3.037205	2.368895
241	1	0	-3.450739	-0.592922	2.946797
242	1	0	-4.765570	0.519042	2.396952
243	8	0	-3.156056	-5.882407	-1.105108
244	7	0	-5.328664	-6.602954	-1.212711

245	1	0	-3.074374	-4.297973	-3.306401
246	1	0	-4.554339	-4.984996	-4.008135
247	7	0	-4.006469	3.225230	-0.064028
248	6	0	-4.190153	2.394859	-2.433108
249	1	0	-5.655943	2.237803	-0.863242
250	1	0	-6.303251	-6.350015	-1.403279
251	6	0	-5.009190	-7.923342	-0.656575
252	6	0	-4.783493	4.015998	0.711721
253	1	0	-2.990333	3.331676	-0.020458
254	6	0	-4.746843	3.704688	-2.975754
255	6	0	-4.713832	1.220678	-3.238635
256	1	0	-3.064481	2.414189	-2.516837
257	6	0	-5.523344	-9.048966	-1.581062
258	6	0	-5.498942	-8.157524	0.757693
259	1	0	-3.914865	-7.973955	-0.623182
260	6	0	-4.023097	5.013315	1.608609
261	8	0	-6.021359	3.967442	0.736081
262	6	0	-4.121676	4.088315	-4.293159
263	1	0	-5.859757	3.610627	-3.095957
264	1	0	-4.564368	4.533386	-2.240811
265	1	0	-4.501290	1.371922	-4.324150
266	1	0	-4.220147	0.271656	-2.914825
267	1	0	-5.817668	1.111250	-3.103354
268	8	0	-6.681200	-9.073251	-2.023718
269	7	0	-4.608806	-10.009745	-1.837958
270	6	0	-6.989655	-8.003402	0.960852
271	1	0	-5.187368	-9.196156	1.056011
272	1	0	-4.959399	-7.442724	1.439656
273	6	0	-4.302644	4.726930	3.098337
274	7	0	-4.444536	6.367671	1.257890
275	1	0	-2.951929	4.946637	1.408968
276	1	0	-4.490420	5.093411	-4.612325
277	1	0	-3.008579	4.132998	-4.204201
278	1	0	-4.379979	3.352965	-5.092764
279	1	0	-3.653199	-9.883356	-1.502992
280	6	0	-4.928361	-11.172740	-2.652651
281	6	0	-7.351959	-8.345537	2.391760
282	1	0	-7.306366	-6.952267	0.727060
283	1	0	-7.541030	-8.676074	0.249764
284	6	0	-3.756230	3.360864	3.556397
285	1	0	-3.836007	5.527215	3.685634
286	1	0	-5.381468	4.770559	3.280307
287	6	0	-3.575666	7.311299	0.838837



288	1	0	-5.438044	6.607497	1.353729
289	1	0	-4.154144	-11.931044	-2.505916
290	1	0	-5.897286	-11.586670	-2.356008
291	1	0	-4.978424	-10.919413	-3.719800
292	6	0	-8.851068	-8.169764	2.622407
293	1	0	-7.055449	-9.404231	2.614929
294	1	0	-6.773687	-7.685749	3.092384
295	6	0	-4.105219	3.092706	5.016540
296	1	0	-4.221553	2.557989	2.971026
297	1	0	-2.672935	3.308733	3.403980
298	6	0	-4.190624	8.700310	0.541191
299	8	0	-2.353094	7.126213	0.707223
300	7	0	-9.263627	-8.503109	3.964916
301	1	0	-9.127144	-7.110279	2.334554
302	1	0	-9.406715	-8.856467	1.919358
303	7	0	-3.058394	3.010020	5.872174
304	8	0	-5.281295	2.964007	5.387126
305	7	0	-3.534760	9.674560	1.425368
306	6	0	-4.020763	8.993777	-0.947462
307	1	0	-5.257518	8.706064	0.790444
308	1	0	-8.751923	-7.973309	4.641529
309	1	0	-10.241772	-8.329300	4.081313
310	1	0	-2.089729	3.118289	5.569159
311	1	0	-3.265582	2.857592	6.850272
312	6	0	-4.228832	10.438774	2.307147
313	1	0	-2.524105	9.802985	1.343967
314	6	0	-4.751583	7.943571	-1.762111
315	6	0	-4.542738	10.371559	-1.299383
316	1	0	-2.921254	8.944836	-1.200461
317	6	0	-3.384319	11.374557	3.159591
318	8	0	-5.461757	10.389912	2.443343
319	1	0	-4.669817	8.180583	-2.850189
320	1	0	-4.311595	6.931393	-1.588222
321	1	0	-5.833875	7.914383	-1.484770
322	1	0	-4.509657	10.520625	-2.405970
323	1	0	-5.600079	10.488246	-0.957165
324	1	0	-3.923566	11.167546	-0.821269
325	1	0	-3.789678	12.387348	3.067067
326	1	0	-3.488109	11.073219	4.207833
327	1	0	-2.328872	11.365453	2.876488
328	1	0	17.572334	4.468247	3.036749
329	7	0	16.647261	4.442298	3.439024
330	6	0	15.544925	4.136793	2.697060

331	1	0	16.524871	4.700577	4.409569
332	6	0	15.789166	3.795424	1.231432
333	8	0	14.412472	4.136208	3.185697
334	6	0	15.075262	4.799540	0.305579
335	1	0	15.387720	2.785594	1.079893
336	1	0	16.862229	3.760378	1.005599
337	6	0	15.174772	4.430576	-1.191138
338	1	0	15.513594	5.796645	0.429835
339	1	0	14.019578	4.865098	0.587427
340	7	0	14.591444	5.471269	-2.024910
341	6	0	14.422906	3.119564	-1.472491
342	1	0	16.228129	4.350889	-1.479606
343	6	0	15.367054	6.318509	-2.750961
344	1	0	13.574991	5.606624	-2.013985
345	8	0	13.191470	3.076910	-1.368504
346	7	0	15.183209	2.052985	-1.818686
347	6	0	14.582843	7.352417	-3.595532
348	8	0	16.603172	6.299249	-2.753574
349	1	0	16.191348	2.144100	-1.851262
350	6	0	14.623021	0.714796	-2.083446
351	7	0	15.270966	8.639081	-3.430182
352	6	0	14.503819	6.858630	-5.038524
353	1	0	13.565025	7.472750	-3.209852
354	6	0	15.222371	-0.241826	-1.016217
355	6	0	14.947261	0.185875	-3.477906
356	1	0	13.536593	0.793264	-1.968050
357	1	0	16.281289	8.615813	-3.497071
358	6	0	14.643878	9.769982	-3.011635
359	6	0	13.702319	5.571084	-5.091639
360	6	0	13.867641	7.898763	-5.938712
361	1	0	15.547471	6.651647	-5.411021
362	8	0	16.442415	-0.286952	-0.825490
363	7	0	14.300837	-0.977270	-0.339038
364	6	0	14.278048	1.033307	-4.553641
365	6	0	14.494526	-1.258081	-3.584548
366	1	0	16.064199	0.221873	-3.630520
367	6	0	15.539401	10.982323	-2.803558
368	8	0	13.423660	9.835461	-2.809190
369	1	0	13.450063	5.321042	-6.150393
370	1	0	14.288257	4.721741	-4.664918
371	1	0	12.750863	5.675160	-4.511732
372	1	0	13.711545	7.475148	-6.960560
373	1	0	12.877711	8.217278	-5.530162

374	1	0	14.519634	8.799581	-6.032881
375	1	0	13.302167	-0.799461	-0.490386
376	6	0	14.684001	-1.891770	0.746501
377	6	0	14.912551	0.837591	-5.907317
378	1	0	13.187046	0.770812	-4.604237
379	1	0	14.339231	2.121207	-4.284447
380	1	0	14.597374	-1.617197	-4.636798
381	1	0	15.119121	-1.911654	-2.928057
382	1	0	13.425309	-1.360126	-3.275381
383	1	0	15.199919	11.784109	-3.466988
384	1	0	15.419406	11.332954	-1.773690
385	1	0	16.597719	10.781428	-2.995994
386	6	0	14.020871	-3.252339	0.426919
387	6	0	14.233559	-1.444337	2.135700
388	1	0	15.778437	-1.958126	0.728305
389	1	0	14.405647	1.485514	-6.663239
390	1	0	15.995528	1.109894	-5.880245
391	1	0	14.826891	-0.223664	-6.243867
392	8	0	12.799803	-3.331401	0.274195
393	7	0	14.859967	-4.313583	0.273847
394	6	0	14.531464	-2.534253	3.147094
395	6	0	14.916130	-0.143589	2.539773
396	1	0	13.116119	-1.278199	2.111155
397	1	0	15.829687	-4.226501	0.558303
398	6	0	14.382997	-5.666476	-0.007846
399	1	0	14.300663	-2.169406	4.177246
400	1	0	13.904465	-3.437088	2.946578
401	1	0	15.608056	-2.828943	3.110503
402	1	0	15.967685	-0.362873	2.864568
403	1	0	14.984797	0.543659	1.654773
404	6	0	14.858847	-6.591614	1.126576
405	6	0	14.980654	-6.195207	-1.333501
406	1	0	13.294364	-5.630147	-0.070184
407	8	0	16.050371	-6.580282	1.457352
408	7	0	13.916975	-7.406594	1.670141
409	1	0	16.064347	-6.310666	-1.222142
410	1	0	14.555448	-7.183761	-1.542765
411	1	0	12.929056	-7.270465	1.434404
412	6	0	14.293077	-8.323846	2.748423
413	6	0	13.592829	-9.690815	2.570295
414	6	0	14.046098	-7.811773	4.155945
415	1	0	15.378926	-8.457085	2.649354
416	8	0	12.440686	-9.804670	2.137042

417	7	0	14.332970	-10.757326	2.964638
418	6	0	12.604451	-7.461056	4.453441
419	1	0	14.394094	-8.601583	4.875676
420	1	0	14.687991	-6.904844	4.325662
421	1	0	15.285182	-10.600537	3.265254
422	6	0	13.812185	-12.120765	2.954593
423	6	0	12.436323	-7.138888	5.923748
424	1	0	12.287054	-6.581545	3.832738
425	1	0	11.936501	-8.318608	4.167514
426	1	0	14.500689	-12.766747	3.504955
427	1	0	12.830850	-12.152885	3.437973
428	1	0	13.709171	-12.499844	1.931014
429	6	0	10.977838	-6.809270	6.236779
430	1	0	12.766826	-8.013386	6.543843
431	1	0	13.092259	-6.270474	6.195026
432	7	0	10.744437	-6.556844	7.637535
433	1	0	10.666182	-5.941278	5.579674
434	1	0	10.333675	-7.688639	5.939990
435	1	0	11.305194	-5.798158	7.968533
436	1	0	9.778495	-6.354912	7.800040
437	6	0	-14.082936	-1.351648	-4.709843
438	6	0	-9.289771	-2.071841	-4.254003
439	6	0	-4.531092	-2.855808	-4.015849
440	6	0	14.627440	-5.288500	-2.508473
441	1	0	16.632420	-4.866482	-2.871074
442	1	0	15.489971	-4.091875	-3.931529
443	7	0	15.679981	-4.746850	-3.182908
444	8	0	13.459227	-5.067943	-2.833299
445	1	0	-2.522843	-2.390941	-4.271928
446	1	0	-3.694329	-1.196939	-4.837012
447	1	0	-7.274090	-1.599213	-4.440688
448	1	0	-8.430855	-0.324116	-4.831908
449	1	0	-12.089367	-0.742446	-4.695552
450	1	0	-13.291874	0.493446	-5.062279
451	7	0	-13.053388	-0.471981	-4.876853
452	7	0	-8.235722	-1.279046	-4.559534
453	7	0	-3.488785	-2.100849	-4.431056
454	8	0	-15.267772	-1.049255	-4.843790
455	8	0	-10.465321	-1.694062	-4.342182
456	8	0	-5.712495	-2.510022	-4.154212
457	6	0	-14.844653	-1.240077	3.869151
458	1	0	-15.877609	-0.828805	3.760819
459	1	0	-14.924286	-2.327220	4.111325

460	1	0	-14.350176	-0.724099	4.727789
461	6	0	-10.041378	-0.982727	4.176406
462	1	0	-9.678814	-0.237758	4.926043
463	1	0	-11.142180	-0.840232	4.044926
464	1	0	-9.866690	-2.005641	4.588291
465	6	0	-5.210015	-0.538151	4.206716
466	1	0	-6.319534	-0.636064	4.116750
467	1	0	-4.828681	-1.400525	4.804370
468	1	0	-4.988219	0.405730	4.766106
469	6	0	14.175702	0.565218	3.645779
470	1	0	13.091235	0.667755	3.395341
471	1	0	14.261270	0.006102	4.608405
472	1	0	14.595288	1.591739	3.792877
473	1	0	2.830238	3.484809	5.129260
474	7	0	1.867328	3.401166	5.457273
475	6	0	0.807929	3.385360	4.614003
476	1	0	1.676929	3.341255	6.448799
477	6	0	1.131719	3.511173	3.129351
478	8	0	-0.361026	3.278101	5.013638
479	6	0	0.542199	4.807475	2.540401
480	1	0	0.682602	2.639370	2.636906
481	1	0	2.214055	3.471640	2.966790
482	6	0	0.786366	4.937098	1.023321
483	1	0	1.000461	5.676547	3.028085
484	1	0	-0.533503	4.846222	2.741122
485	7	0	0.337606	6.240135	0.538942
486	6	0	0.025319	3.840249	0.253305
487	1	0	1.854408	4.864988	0.809705
488	6	0	1.185736	7.142776	0.002481
489	1	0	-0.658369	6.474348	0.621673
490	8	0	-1.210915	3.777501	0.310307
491	7	0	0.798706	2.985490	-0.453761
492	6	0	0.545628	8.486368	-0.423982
493	8	0	2.407293	6.955377	-0.136641
494	1	0	1.814014	3.106600	-0.439302
495	6	0	0.238055	1.870381	-1.236088
496	7	0	1.215339	9.557873	0.326783
497	6	0	0.663403	8.617405	-1.940427
498	1	0	-0.512864	8.509177	-0.141729
499	6	0	0.788278	0.565406	-0.604958
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501	1	0	-0.851820	1.914809	-1.135222
502	1	0	2.219263	9.693775	0.192343

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504	6	0	-0.082714	7.478979	-2.609906
505	6	0	0.114079	9.944509	-2.421817
506	1	0	1.754306	8.549822	-2.224029
507	8	0	2.015182	0.371778	-0.551733
508	7	0	-0.141196	-0.277247	-0.109977
509	6	0	0.067853	3.150184	-3.395479
510	6	0	0.068630	0.651599	-3.389033
511	1	0	1.735619	1.895366	-2.804737
512	6	0	1.397712	11.430911	1.869536
513	8	0	-0.683879	10.338325	1.348922
514	1	0	-0.049560	7.601725	-3.719209
515	1	0	0.380786	6.496037	-2.350468
516	1	0	-1.151991	7.465975	-2.284805
517	1	0	0.109512	9.972733	-3.538530
518	1	0	-0.932926	10.088742	-2.059076
519	1	0	0.738898	10.792894	-2.053853
520	1	0	-1.134152	-0.027772	-0.182700
521	6	0	0.216165	-1.514515	0.605674
522	6	0	0.673568	3.369619	-4.758752
523	1	0	-1.048738	3.066666	-3.485134
524	1	0	0.280672	4.052886	-2.763003
525	1	0	0.287503	0.677062	-4.483456
526	1	0	0.544622	-0.263566	-2.958826
527	1	0	-1.037430	0.577135	-3.248006
528	1	0	0.965710	12.420842	1.690839
529	1	0	1.343880	11.238306	2.946769
530	1	0	2.440745	11.412379	1.544084
531	6	0	-0.424765	-2.693423	-0.169169
532	6	0	-0.284912	-1.561002	2.048365
533	1	0	1.308010	-1.593694	0.596605
534	1	0	0.321784	4.342630	-5.180233
535	1	0	1.789031	3.395222	-4.696408
536	1	0	0.380595	2.557797	-5.467208
537	8	0	-1.654489	-2.762124	-0.292441
538	7	0	0.443713	-3.583915	-0.703903
539	6	0	0.120031	-2.882299	2.673742
540	6	0	0.260240	-0.396128	2.862963
541	1	0	-1.412910	-1.498677	2.036995
542	1	0	1.444048	-3.474062	-0.517523
543	6	0	-0.000212	-4.750772	-1.460986
544	1	0	-0.209341	-2.916224	3.740013
545	1	0	-0.357354	-3.734281	2.131289

546	1	0	1.229282	-3.011569	2.637615
547	1	0	1.367617	-0.525074	2.997698
548	1	0	0.103920	0.562876	2.301052
549	6	0	0.446747	-6.021202	-0.717163
550	6	0	0.617750	-4.774516	-2.876320
551	1	0	-1.088438	-4.707699	-1.526290
552	8	0	1.650845	-6.200469	-0.463969
553	7	0	-0.531628	-6.897033	-0.392695
554	1	0	1.704587	-4.868562	-2.811841
555	1	0	0.225547	-5.647405	-3.413209
556	1	0	-1.509093	-6.657229	-0.586459
557	6	0	-0.204789	-8.138093	0.319289
558	6	0	-0.772994	-9.368330	-0.424061
559	6	0	-0.620593	-8.175704	1.775323
560	1	0	0.889127	-8.205237	0.307069
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562	6	0	-2.087488	-7.928641	2.049248
563	1	0	-0.331429	-9.183615	2.182395
564	1	0	-0.011786	-7.409060	2.331800
565	6	0	-0.238722	-11.619491	-1.237138
566	6	0	-2.359297	-8.072970	3.533561
567	1	0	-2.378752	-6.900528	1.706181
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569	1	0	0.573174	-12.337310	-1.092346
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571	1	0	-0.406125	-11.485499	-2.313558
572	6	0	-3.826728	-7.792278	3.848358
573	1	0	-2.093096	-9.110251	3.868038
574	1	0	-1.700783	-7.363522	4.103412
575	7	0	-4.136425	-7.901199	5.253913
576	1	0	-4.087860	-6.774837	3.425745
577	1	0	-4.465532	-8.547906	3.303566
578	1	0	-3.583682	-7.268084	5.795819
579	1	0	-5.105995	-7.712240	5.411461
580	6	0	0.229044	-3.535103	-3.678341
581	1	0	2.230640	-3.068852	-3.980592
582	1	0	1.043068	-1.969304	-4.685170
583	7	0	1.260748	-2.811524	-4.168120
584	8	0	-0.957395	-3.231355	-3.866195
585	6	0	-0.408402	-0.268890	4.208709
586	1	0	-1.519167	-0.338349	4.107810
587	1	0	-0.068618	-1.071793	4.905963
588	1	0	-0.161942	0.723483	4.664384

589	1	0	1.091596	-10.210061	-0.311807
590	7	0	0.123032	-10.365739	-0.592139
591	1	0	7.739365	3.852458	4.542322
592	7	0	6.786316	3.793085	4.900953
593	6	0	5.708518	3.666732	4.090771
594	1	0	6.619913	3.843833	5.897343
595	6	0	5.995960	3.627413	2.593696
596	8	0	4.550815	3.591183	4.528072
597	6	0	5.381006	4.847442	1.881203
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599	1	0	7.074413	3.576103	2.408855
600	6	0	5.584928	4.814291	0.352702
601	1	0	5.843052	5.767514	2.259400
602	1	0	4.310515	4.901136	2.104909
603	7	0	5.107671	6.052592	-0.256785
604	6	0	4.820238	3.633119	-0.274480
605	1	0	6.648176	4.730491	0.120220
606	6	0	5.933201	6.901304	-0.904885
607	1	0	4.110980	6.285094	-0.178059
608	8	0	3.585103	3.576387	-0.196807
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615	6	0	5.345636	8.141697	-2.987172
616	1	0	4.214886	8.225392	-1.158863
617	6	0	5.586670	0.278756	-0.739250
618	6	0	5.377734	1.348728	-2.993596
619	1	0	3.934630	1.549299	-1.406260
620	1	0	6.943413	9.453420	-1.013923
621	6	0	5.272730	10.271217	-0.131211
622	6	0	4.599621	6.926611	-3.504802
623	6	0	4.765834	9.399829	-3.600038
624	1	0	6.430042	8.054978	-3.289695
625	8	0	6.815110	0.097807	-0.675180
626	7	0	4.665312	-0.503302	-0.140354
627	6	0	4.818200	2.505237	-3.811748
628	6	0	4.837503	0.025842	-3.503674
629	1	0	6.502097	1.340991	-3.095247
630	6	0	6.132415	11.391965	0.434285
631	8	0	4.050189	10.236277	0.080231



632	1	0	4.597651	6.927553	-4.621377
633	1	0	5.087531	5.984514	-3.154551
634	1	0	3.540860	6.934555	-3.146735
635	1	0	4.734572	9.302727	-4.712443
636	1	0	3.725712	9.571493	-3.229462
637	1	0	5.386632	10.291483	-3.344878
638	1	0	3.670852	-0.265963	-0.232358
639	6	0	5.032272	-1.650039	0.709522
640	6	0	5.412683	2.567585	-5.196007
641	1	0	3.702072	2.400458	-3.882588
642	1	0	5.024932	3.478738	-3.292446
643	1	0	5.036190	-0.076366	-4.597479
644	1	0	5.330645	-0.828338	-2.977955
645	1	0	3.734982	-0.040780	-3.333730
646	1	0	5.721747	12.348100	0.093543
647	1	0	6.052580	11.371101	1.526544
648	1	0	7.180972	11.310664	0.137586
649	6	0	4.381637	-2.911530	0.086337
650	6	0	4.549654	-1.529661	2.154088
651	1	0	6.124089	-1.729750	0.694954
652	1	0	5.041576	3.476228	-5.729703
653	1	0	6.527813	2.619339	-5.145701
654	1	0	5.130236	1.671015	-5.798649
655	8	0	3.149995	-3.001401	0.003116
656	7	0	5.244788	-3.850425	-0.368725
657	6	0	4.966476	-2.768706	2.923519
658	6	0	5.100375	-0.277315	2.821786
659	1	0	3.421376	-1.471327	2.149618
660	1	0	6.247321	-3.718075	-0.213904
661	6	0	4.793968	-5.096575	-0.981813
662	1	0	4.643089	-2.682483	3.988704
663	1	0	4.491660	-3.679896	2.484979
664	1	0	6.076225	-2.894885	2.895914
665	1	0	6.210328	-0.385615	2.953415
666	1	0	4.930136	0.610564	2.156559
667	6	0	5.253070	-6.273985	-0.103558
668	6	0	5.395644	-5.280186	-2.391552
669	1	0	3.705090	-5.061567	-1.038408
670	8	0	6.462027	-6.421717	0.149407
671	7	0	4.281860	-7.106558	0.334314
672	1	0	6.482832	-5.372421	-2.329220
673	1	0	4.995917	-6.206283	-2.823790
674	1	0	3.301108	-6.893118	0.125901

675	6	0	4.622035	-8.259457	1.176911
676	6	0	4.018035	-9.562271	0.603978
677	6	0	4.258514	-8.121378	2.640957
678	1	0	5.713978	-8.341697	1.136729
679	8	0	2.828037	-9.664592	0.268456
680	7	0	4.901208	-10.582159	0.525044
681	6	0	2.802656	-7.836466	2.935420
682	1	0	4.560716	-9.076129	3.153447
683	1	0	4.887715	-7.298244	3.082205
684	1	0	5.878337	-10.403872	0.756470
685	6	0	4.507951	-11.900687	0.049279
686	6	0	2.582633	-7.808793	4.434956
687	1	0	2.501308	-6.852838	2.487151
688	1	0	2.156114	-8.623151	2.460331
689	1	0	5.331592	-12.598181	0.223533
690	1	0	3.621391	-12.254361	0.586427
691	1	0	4.274528	-11.888002	-1.022882
692	6	0	1.121022	-7.516317	4.765586
693	1	0	2.879622	-8.795364	4.879317
694	1	0	3.245289	-7.027096	4.894614
695	7	0	0.858108	-7.477231	6.184013
696	1	0	0.828856	-6.554199	4.244892
697	1	0	0.479517	-8.335327	4.325492
698	1	0	1.396560	-6.763840	6.632218
699	1	0	-0.114309	-7.315074	6.353273
700	6	0	5.003566	-4.136733	-3.324183
701	1	0	7.002782	-3.750758	-3.739233
702	1	0	5.812720	-2.723276	-4.538744
703	7	0	6.032160	-3.501647	-3.930444
704	8	0	3.818132	-3.830698	-3.511767
705	6	0	4.450534	-0.000461	4.154263
706	1	0	3.339008	-0.088115	4.078878
707	1	0	4.806725	-0.716066	4.933571
708	1	0	4.695720	1.039135	4.489425
709	1	0	12.641352	4.146704	3.824303
710	7	0	11.694514	4.136622	4.197636
711	6	0	10.601702	3.934978	3.421365
712	1	0	11.546283	4.283554	5.187421
713	6	0	10.860813	3.736525	1.931638
714	8	0	9.452947	3.911679	3.884282
715	6	0	10.201970	4.853421	1.099136
716	1	0	10.423367	2.765379	1.667900
717	1	0	11.936229	3.685979	1.727877

718	6	0	10.368486	4.647812	-0.420975
719	1	0	10.651334	5.820243	1.356619
720	1	0	9.136454	4.911369	1.343783
721	7	0	9.854254	5.803009	-1.153041
722	6	0	9.610000	3.388272	-0.884400
723	1	0	11.427053	4.555141	-0.670419
724	6	0	10.642410	6.568177	-1.938132
725	1	0	8.860049	6.041652	-1.058503
726	8	0	8.377635	3.330172	-0.780496
727	7	0	10.378987	2.389913	-1.378986
728	6	0	9.943669	7.775694	-2.610876
729	8	0	11.855901	6.357337	-2.119961
730	1	0	11.389367	2.524989	-1.435381
731	6	0	9.813513	1.117670	-1.863654
732	7	0	10.625034	9.003123	-2.172027
733	6	0	9.958977	7.557062	-4.121562
734	1	0	8.905159	7.849306	-2.269125
735	6	0	10.392220	-0.007816	-0.966461
736	6	0	10.149149	0.803417	-3.319463
737	1	0	8.726159	1.179883	-1.746098
738	1	0	11.600211	9.147261	-2.435385
739	6	0	9.970037	10.002007	-1.520801
740	6	0	9.194268	6.291582	-4.460618
741	6	0	9.353300	8.735850	-4.855150
742	1	0	11.030118	7.430706	-4.455808
743	8	0	11.622189	-0.182663	-0.905052
744	7	0	9.481015	-0.722715	-0.273968
745	6	0	9.587882	1.862989	-4.258709
746	6	0	9.596533	-0.564884	-3.672940
747	1	0	11.272251	0.777182	-3.430307
748	6	0	10.820025	11.206719	-1.147209
749	8	0	8.767228	9.954241	-1.223782
750	1	0	9.145003	6.161308	-5.568480
751	1	0	9.699505	5.396116	-4.023266
752	1	0	8.151623	6.344126	-4.061318
753	1	0	9.269958	8.504468	-5.944867
754	1	0	8.331865	8.959067	-4.460940
755	1	0	9.987304	9.647159	-4.740111
756	1	0	8.485188	-0.488903	-0.363800
757	6	0	9.864902	-1.760686	0.699119
758	6	0	10.179152	1.768467	-5.642713
759	1	0	8.471400	1.752717	-4.313712
760	1	0	9.797279	2.888224	-3.852612

761	1	0	9.775993	-0.785512	-4.752538
762	1	0	10.095952	-1.359788	-3.066470
763	1	0	8.496847	-0.607371	-3.478750
764	1	0	10.327269	12.106883	-1.528255
765	1	0	10.845632	11.284774	-0.054700
766	1	0	11.838529	11.145875	-1.537516
767	6	0	9.201735	-3.089070	0.250044
768	6	0	9.414493	-1.466050	2.129383
769	1	0	10.956014	-1.843342	0.669974
770	1	0	9.819044	2.619624	-6.270356
771	1	0	11.295185	1.809301	-5.599734
772	1	0	9.882597	0.816410	-6.145188
773	8	0	7.969535	-3.188799	0.209268
774	7	0	10.055602	-4.079867	-0.105758
775	6	0	9.886988	-2.583352	3.040067
776	6	0	9.940802	-0.122973	2.616105
777	1	0	8.285062	-1.438539	2.148156
778	1	0	11.060224	-3.924681	-0.006614
779	6	0	9.594405	-5.393887	-0.544380
780	1	0	9.561208	-2.383308	4.089170
781	1	0	9.453193	-3.561235	2.718531
782	1	0	11.001413	-2.662671	3.021573
783	1	0	11.059205	-0.172909	2.703577
784	1	0	9.701246	0.672397	1.861090
785	6	0	10.066154	-6.458432	0.463696
786	6	0	10.175299	-5.763165	-1.927345
787	1	0	8.504772	-5.362599	-0.588380
788	8	0	11.280294	-6.579851	0.711122
789	7	0	9.102369	-7.234077	1.007955
790	1	0	11.261069	-5.870409	-1.861321
791	1	0	9.753385	-6.727658	-2.236359
792	1	0	8.117554	-7.045891	0.791657
793	6	0	9.456818	-8.297258	1.956245
794	6	0	8.822481	-9.644138	1.536235
795	6	0	9.137389	-8.006415	3.408358
796	1	0	10.545699	-8.396856	1.892519
797	8	0	7.625106	-9.761281	1.236201
798	7	0	9.688477	-10.682210	1.549889
799	6	0	7.693771	-7.667478	3.705569
800	1	0	9.437190	-8.910915	4.006279
801	1	0	9.791143	-7.156208	3.751555
802	1	0	10.671867	-10.495109	1.738563
803	6	0	9.268059	-12.038200	1.225247

804	6	0	7.505469	-7.494970	5.199456
805	1	0	7.399334	-6.724615	3.173081
806	1	0	7.023966	-8.483112	3.319510
807	1	0	10.063307	-12.732744	1.509074
808	1	0	8.356807	-12.295822	1.774630
809	1	0	9.064862	-12.152167	0.152866
810	6	0	6.053107	-7.155695	5.527063
811	1	0	7.801018	-8.438268	5.730330
812	1	0	8.185179	-6.681370	5.570010
813	7	0	5.819667	-6.974401	6.939305
814	1	0	5.758733	-6.246921	4.919065
815	1	0	5.396223	-8.007304	5.181424
816	1	0	6.360113	-6.215116	7.301200
817	1	0	4.849389	-6.805155	7.113478
818	6	0	9.796147	-4.738304	-2.992657
819	1	0	11.799556	-4.421875	-3.444697
820	1	0	10.625856	-3.490316	-4.368718
821	7	0	10.833998	-4.186052	-3.664111
822	8	0	8.615568	-4.447906	-3.222957
823	6	0	9.341201	0.287210	3.937797
824	1	0	8.231957	0.151849	3.928318
825	1	0	9.761538	-0.317439	4.776864
826	1	0	9.559111	1.367183	4.136269

P Pl (Ac-VQIINK-NHMe)<sub>8</sub>

1	6	0	-15.978635	10.869652	5.094796
2	6	0	-16.632982	10.094045	3.958289
3	1	0	-16.492842	11.830767	5.199254
4	1	0	-16.131930	10.312382	6.025203
5	1	0	-14.909229	11.033139	4.935789
6	8	0	-17.842922	9.847224	3.947585
7	7	0	-15.775115	9.698351	2.969406
8	1	0	-14.776962	9.901378	3.044691
9	6	0	-16.249646	8.901358	1.834477
10	6	0	-15.699815	7.465060	2.007224
11	6	0	-15.812658	9.422581	0.469459
12	1	0	-17.345005	8.912327	1.895311
13	8	0	-14.478368	7.252258	1.960572
14	7	0	-16.614903	6.499356	2.248152
15	6	0	-16.468919	8.600766	-0.623429
16	6	0	-16.158433	10.886656	0.294248
17	1	0	-14.692183	9.303257	0.385549
18	1	0	-17.600728	6.734622	2.245768
19	6	0	-16.269298	5.093111	2.459079
20	1	0	-16.113732	8.946927	-1.623871
21	1	0	-16.212376	7.518844	-0.513307
22	1	0	-17.579718	8.709786	-0.586313
23	1	0	-15.971402	11.197568	-0.762359
24	1	0	-17.234048	11.068734	0.532394
25	1	0	-15.531965	11.524871	0.962522
26	6	0	-16.975168	4.266676	1.365828
27	6	0	-16.696475	4.635645	3.869180
28	1	0	-15.185782	5.016897	2.350677
29	8	0	-18.184256	4.398298	1.156161
30	7	0	-16.166095	3.396437	0.697862
31	6	0	-16.173913	3.234360	4.232824
32	1	0	-16.305333	5.368345	4.586430
33	1	0	-17.788885	4.646611	3.950532
34	1	0	-15.155427	3.450007	0.838571
35	6	0	-16.662724	2.570428	-0.411306
36	6	0	-16.623093	2.834123	5.640501
37	1	0	-16.589574	2.489734	3.542438
38	1	0	-15.082175	3.193278	4.146535
39	6	0	-16.076268	1.152487	-0.211836
40	6	0	-16.266642	3.074878	-1.799525
41	1	0	-17.756728	2.570032	-0.337041

42	8	0	-17.811438	2.827755	5.968064
43	7	0	-15.616559	2.476784	6.491032
44	8	0	-14.855271	1.001251	-0.060726
45	7	0	-16.965001	0.131649	-0.201007
46	6	0	-16.987515	4.376885	-2.127142
47	6	0	-16.576767	2.021364	-2.844527
48	1	0	-15.152798	3.261510	-1.807505
49	1	0	-15.879423	2.249103	7.440334
50	1	0	-14.631674	2.567120	6.249728
51	1	0	-17.950181	0.319183	-0.347254
52	6	0	-16.571386	-1.283062	-0.046657
53	6	0	-16.264548	5.169446	-3.186350
54	1	0	-18.029830	4.144390	-2.472587
55	1	0	-17.085536	5.007311	-1.202902
56	1	0	-16.426073	2.440958	-3.868817
57	1	0	-15.898854	1.140750	-2.724332
58	1	0	-17.635004	1.673464	-2.761773
59	6	0	-17.189655	-2.045581	-1.249620
60	6	0	-17.064689	-1.925447	1.246680
61	1	0	-15.478200	-1.313630	-0.074312
62	1	0	-16.800366	6.130706	-3.377509
63	1	0	-15.221671	5.405298	-2.861086
64	1	0	-16.211236	4.600699	-4.146016
65	8	0	-18.411293	-2.063563	-1.416455
66	7	0	-16.279787	-2.623736	-2.082136
67	6	0	-16.723461	-3.404221	1.225723
68	6	0	-16.449169	-1.257748	2.469940
69	1	0	-18.186363	-1.818152	1.298102
70	1	0	-15.291224	-2.597497	-1.826970
71	6	0	-16.673452	-3.360435	-3.270156
72	1	0	-16.984770	-3.871172	2.205426
73	1	0	-17.298424	-3.925790	0.422228
74	1	0	-15.631894	-3.553338	1.038294
75	1	0	-15.397975	-1.630028	2.604149
76	1	0	-16.383108	-0.148122	2.315981
77	6	0	-16.253625	-4.835417	-3.157697
78	6	0	-16.001288	-2.808844	-4.549994
79	1	0	-17.758919	-3.261420	-3.361898
80	8	0	-15.165050	-5.160461	-2.659340
81	7	0	-17.123315	-5.723573	-3.698472
82	1	0	-14.913118	-2.856563	-4.453139
83	1	0	-16.300172	-3.434500	-5.400466
84	1	0	-17.937374	-5.371625	-4.191126

85	6	0	-16.765619	-7.122499	-3.967409
86	6	0	-16.688716	-7.320008	-5.505997
87	6	0	-17.729956	-8.133717	-3.380215
88	1	0	-15.779427	-7.287340	-3.516358
89	8	0	-17.521205	-6.800989	-6.255849
90	7	0	-15.664380	-8.112783	-5.913907
91	6	0	-19.175332	-7.908032	-3.770332
92	1	0	-17.400796	-9.152380	-3.721783
93	1	0	-17.641260	-8.113166	-2.259765
94	1	0	-14.935644	-8.343888	-5.239032
95	6	0	-15.437938	-8.409421	-7.319691
96	6	0	-20.032219	-9.091392	-3.373711
97	1	0	-19.564892	-6.982270	-3.269864
98	1	0	-19.245286	-7.740613	-4.879375
99	1	0	-15.227105	-9.477060	-7.455398
100	1	0	-16.338940	-8.144272	-7.876969
101	1	0	-14.596026	-7.830467	-7.723277
102	6	0	-21.487837	-8.837736	-3.762980
103	1	0	-19.659684	-10.018997	-3.881917
104	1	0	-19.952888	-9.260694	-2.267848
105	7	0	-22.368735	-9.933538	-3.432671
106	1	0	-21.812129	-7.864895	-3.284586
107	1	0	-21.542588	-8.688780	-4.879631
108	1	0	-22.265329	-10.201291	-2.474167
109	1	0	-23.320369	-9.673500	-3.598822
110	8	0	-12.964804	10.369152	3.353613
111	6	0	-11.723745	10.374640	3.378392
112	7	0	-10.946710	9.627020	2.552765
113	6	0	-10.966875	11.231271	4.383061
114	6	0	-11.512666	8.734313	1.530882
115	1	0	-9.931262	9.736827	2.594089
116	1	0	-11.316837	12.264511	4.289329
117	1	0	-11.224764	10.887150	5.390758
118	1	0	-9.884047	11.188230	4.243031
119	6	0	-10.907426	7.326924	1.754733
120	6	0	-11.219073	9.161067	0.093991
121	1	0	-12.597034	8.713493	1.683992
122	7	0	-11.795287	6.337458	1.986547
123	8	0	-9.674823	7.166733	1.731448
124	6	0	-11.864535	8.184638	-0.870395
125	6	0	-11.724249	10.563280	-0.176507
126	1	0	-10.101404	9.139990	-0.066426
127	1	0	-12.796537	6.558965	1.998111



128	6	0	-11.386085	4.959738	2.259189
129	1	0	-11.707987	8.526280	-1.921822
130	1	0	-11.416143	7.167084	-0.760773
131	1	0	-12.963347	8.111958	-0.678957
132	1	0	-11.610588	10.807719	-1.260508
133	1	0	-12.804712	10.650033	0.096089
134	1	0	-11.147540	11.315207	0.413235
135	6	0	-12.114606	4.030977	1.268860
136	6	0	-11.721175	4.569987	3.712161
137	1	0	-10.308291	4.904652	2.094854
138	8	0	-13.351181	3.954830	1.274161
139	7	0	-11.311415	3.327288	0.435832
140	6	0	-11.225039	3.158566	4.079668
141	1	0	-11.255023	5.310660	4.373576
142	1	0	-12.803990	4.626307	3.863471
143	1	0	-10.299075	3.459042	0.492048
144	6	0	-11.847195	2.416363	-0.588920
145	6	0	-11.618805	2.794595	5.507788
146	1	0	-11.698646	2.415530	3.425421
147	1	0	-10.140215	3.082853	3.948607
148	6	0	-11.258717	1.010537	-0.303124
149	6	0	-11.493867	2.807926	-2.023008
150	1	0	-12.936233	2.407293	-0.474032
151	8	0	-12.804822	2.734699	5.858119
152	7	0	-10.592304	2.542145	6.357836
153	8	0	-10.027661	0.839595	-0.308231
154	7	0	-12.163806	0.044794	-0.038922
155	6	0	-12.004669	4.202153	-2.362200
156	6	0	-12.081227	1.784199	-2.976538
157	1	0	-10.369849	2.797836	-2.128921
158	1	0	-10.825286	2.320248	7.316534
159	1	0	-9.614929	2.615991	6.075051
160	1	0	-13.160591	0.282009	-0.033623
161	6	0	-11.774707	-1.342094	0.270014
162	6	0	-11.428754	4.722479	-3.655182
163	1	0	-13.125781	4.179866	-2.427803
164	1	0	-11.736849	4.920303	-1.542056
165	1	0	-11.839795	2.057628	-4.031819
166	1	0	-11.660296	0.768772	-2.775649
167	1	0	-13.192650	1.735433	-2.866763
168	6	0	-12.383258	-2.249570	-0.831675
169	6	0	-12.275114	-1.841226	1.623859
170	1	0	-10.681199	-1.387968	0.247322

171	1	0	-11.735878	5.785664	-3.808637
172	1	0	-10.312296	4.677238	-3.637188
173	1	0	-11.790243	4.126835	-4.527697
174	8	0	-13.608405	-2.283533	-1.004803
175	7	0	-11.491870	-2.951279	-1.572412
176	6	0	-11.878405	-3.296661	1.790269
177	6	0	-11.720684	-1.003906	2.768294
178	1	0	-13.402252	-1.771498	1.636167
179	1	0	-10.497333	-2.893087	-1.338122
180	6	0	-11.909184	-3.838845	-2.652716
181	1	0	-12.159953	-3.658007	2.808174
182	1	0	-12.402796	-3.932959	1.036331
183	1	0	-10.775649	-3.421109	1.658763
184	1	0	-10.628707	-1.232078	2.897159
185	1	0	-11.802740	0.087871	2.521140
186	6	0	-11.478428	-5.280618	-2.325445
187	6	0	-11.271507	-3.433486	-3.999571
188	1	0	-12.996241	-3.773565	-2.722374
189	8	0	-10.285480	-5.544747	-2.096888
190	7	0	-12.470427	-6.200086	-2.336459
191	1	0	-10.184710	-3.536799	-3.949335
192	1	0	-11.646848	-4.108254	-4.779420
193	1	0	-13.440076	-5.897611	-2.470847
194	6	0	-12.198628	-7.617032	-2.060450
195	6	0	-12.499170	-8.477110	-3.313843
196	6	0	-12.936980	-8.173272	-0.860038
197	1	0	-11.125098	-7.678560	-1.842293
198	8	0	-13.584930	-8.420626	-3.911318
199	7	0	-11.492177	-9.295759	-3.686672
200	6	0	-14.446272	-8.106694	-0.944584
201	1	0	-12.618599	-9.244297	-0.734148
202	1	0	-12.596695	-7.617529	0.057253
203	1	0	-10.584541	-9.220351	-3.225914
204	6	0	-11.619167	-10.181689	-4.834325
205	6	0	-15.065011	-8.669116	0.318661
206	1	0	-14.785251	-7.045446	-1.091702
207	1	0	-14.799002	-8.686884	-1.839529
208	1	0	-10.805798	-10.912147	-4.806346
209	1	0	-12.578414	-10.707807	-4.801966
210	1	0	-11.567465	-9.629389	-5.782132
211	6	0	-16.588075	-8.682441	0.206015
212	1	0	-14.690538	-9.711183	0.496563
213	1	0	-14.749918	-8.046608	1.197248

214	7	0	-17.247025	-9.164538	1.397598
215	1	0	-16.926170	-7.642101	-0.083860
216	1	0	-16.880566	-9.372282	-0.637746
217	1	0	-16.921951	-8.678354	2.209489
218	1	0	-18.236770	-9.041496	1.318102
219	8	0	-8.820248	-2.555519	-0.656034
220	6	0	-7.591133	-2.465793	-0.534510
221	6	0	-6.975448	-1.407802	0.415902
222	7	0	-6.703283	-3.226581	-1.217074
223	7	0	-7.354003	-0.080449	-0.101843
224	6	0	-7.476460	-1.685452	1.832237
225	1	0	-5.882262	-1.463507	0.398853
226	1	0	-5.704921	-3.124354	-1.015443
227	6	0	-7.121940	-4.259843	-2.159091
228	6	0	-6.436230	0.853711	-0.427958
229	1	0	-8.350958	0.158749	-0.146302
230	6	0	-7.053110	-3.082309	2.245418
231	6	0	-6.947181	-0.655128	2.820433
232	1	0	-8.605015	-1.637938	1.827059
233	6	0	-6.655803	-5.630881	-1.638947
234	6	0	-6.496556	-4.039505	-3.553727
235	1	0	-8.210524	-4.225826	-2.224933
236	6	0	-7.005828	2.230754	-0.855132
237	8	0	-5.206601	0.681140	-0.376687
238	1	0	-7.380369	-3.285376	3.293360
239	1	0	-7.519784	-3.845934	1.576706
240	1	0	-5.942222	-3.189567	2.190530
241	1	0	-5.843348	-0.808814	2.958625
242	1	0	-7.087144	0.377457	2.403296
243	8	0	-5.455750	-5.821277	-1.376170
244	7	0	-7.612723	-6.580163	-1.523312
245	1	0	-5.409066	-4.131460	-3.498396
246	1	0	-6.875460	-4.814579	-4.231882
247	7	0	-6.477540	3.220413	0.099287
248	6	0	-6.616738	2.497052	-2.307555
249	1	0	-8.097392	2.239708	-0.764635
250	1	0	-8.592023	-6.338273	-1.702810
251	6	0	-7.265703	-7.921940	-1.039067
252	6	0	-7.280729	3.972574	0.886742
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254	6	0	-7.195060	3.818241	-2.797440
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256	1	0	-5.490803	2.543958	-2.375597

257	6	0	-7.762295	-9.004891	-2.022264
258	6	0	-7.744379	-8.241331	0.362154
259	1	0	-6.170451	-7.953371	-1.012194
260	6	0	-6.552797	4.944166	1.836659
261	8	0	-8.518256	3.908054	0.883102
262	6	0	-6.556565	4.278621	-4.083495
263	1	0	-8.303179	3.704525	-2.942333
264	1	0	-7.045195	4.614859	-2.020819
265	1	0	-6.888124	1.557950	-4.247692
266	1	0	-6.590253	0.399311	-2.889425
267	1	0	-8.206788	1.207559	-3.052055
268	8	0	-8.925025	-9.034091	-2.452196
269	7	0	-6.826475	-9.922482	-2.349139
270	6	0	-9.235805	-8.119491	0.581228
271	1	0	-7.417131	-9.290658	0.600278
272	1	0	-7.210601	-7.558362	1.080345
273	6	0	-6.860531	4.599354	3.308106
274	7	0	-6.985549	6.305499	1.528602
275	1	0	-5.476853	4.898243	1.657905
276	1	0	-6.946074	5.287625	-4.363215
277	1	0	-5.446843	4.347782	-3.971021
278	1	0	-6.780561	3.574704	-4.920840
279	1	0	-5.870863	-9.794698	-2.014312
280	6	0	-7.126441	-11.039370	-3.232815
281	6	0	-9.585341	-8.548413	1.991803
282	1	0	-9.567598	-7.060976	0.410354
283	1	0	-9.782299	-8.757407	-0.164815
284	6	0	-6.319939	3.217696	3.724716
285	1	0	-6.407756	5.377707	3.934457
286	1	0	-7.942862	4.633837	3.470135
287	6	0	-6.120222	7.278978	1.175363
288	1	0	-7.984412	6.527346	1.608991
289	1	0	-6.311713	-11.766142	-3.171644
290	1	0	-8.061646	-11.522355	-2.931388
291	1	0	-7.232805	-10.713005	-4.275596
292	6	0	-11.084528	-8.401626	2.241343
293	1	0	-9.276984	-9.615261	2.150826
294	1	0	-9.008935	-7.924898	2.726375
295	6	0	-6.691604	2.895888	5.168303
296	1	0	-6.775355	2.436586	3.103139
297	1	0	-5.234310	3.171509	3.587602
298	6	0	-6.748062	8.670391	0.919111
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300	7	0	-11.484831	-8.815395	3.565066
301	1	0	-11.373162	-7.330350	2.016287
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303	7	0	-5.657866	2.774806	6.034969
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305	7	0	-6.133250	9.614086	1.863879
306	6	0	-6.538878	9.030599	-0.549799
307	1	0	-7.821763	8.650445	1.136141
308	1	0	-10.973087	-8.320700	4.267730
309	1	0	-12.463619	-8.657447	3.697543
310	1	0	-4.684560	2.894191	5.750930
311	1	0	-5.880077	2.585416	7.003255
312	6	0	-6.865339	10.337457	2.749101
313	1	0	-5.121576	9.754660	1.823225
314	6	0	-7.229380	8.006824	-1.430555
315	6	0	-7.071151	10.414977	-0.857646
316	1	0	-5.431764	9.007974	-0.771460
317	6	0	-6.061108	11.247075	3.666292
318	8	0	-8.101929	10.272713	2.839377
319	1	0	-7.116452	8.290436	-2.504608
320	1	0	-6.781600	6.993598	-1.284990
321	1	0	-8.319393	7.952903	-1.189611
322	1	0	-7.008590	10.612158	-1.955389
323	1	0	-8.139477	10.502210	-0.541777
324	1	0	-6.477927	11.197971	-0.327954
325	1	0	-6.467905	12.260833	3.591633
326	1	0	-6.205709	10.909879	4.698628
327	1	0	-4.995233	11.252147	3.425521
328	1	0	14.941126	4.433621	3.647169
329	7	0	13.994456	4.417886	4.020757
330	6	0	12.906189	4.176221	3.249627
331	1	0	13.842295	4.597376	5.004554
332	6	0	13.171932	3.932943	1.767714
333	8	0	11.756724	4.152063	3.710887
334	6	0	12.495730	5.009829	0.897399
335	1	0	12.752074	2.946121	1.535321
336	1	0	14.248513	3.894461	1.567757
337	6	0	12.671329	4.757265	-0.614560
338	1	0	12.926314	5.992738	1.124207
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344	1	0	11.139808	6.101335	-1.300776
345	8	0	10.705996	3.391866	-0.935632
346	7	0	12.726633	2.469167	-1.495826
347	6	0	12.193443	7.798093	-2.913817
348	8	0	14.129039	6.429504	-2.376285
349	1	0	13.734705	2.620724	-1.553718
350	6	0	12.186376	1.172223	-1.942565
351	7	0	12.850672	9.051429	-2.513161
352	6	0	12.217963	7.530911	-4.416487
353	1	0	11.152716	7.863617	-2.577314
354	6	0	12.793432	0.085327	-1.017205
355	6	0	12.522451	0.824620	-3.390772
356	1	0	11.098429	1.214773	-1.821919
357	1	0	13.823464	9.205400	-2.779937
358	6	0	12.176593	10.056618	-1.891909
359	6	0	11.476087	6.242221	-4.716582
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362	8	0	14.026953	-0.062283	-0.959220
363	7	0	11.901697	-0.628036	-0.298042
364	6	0	11.933404	1.844852	-4.356161
365	6	0	11.998611	-0.564838	-3.703083
366	1	0	13.645334	0.819942	-3.506642
367	6	0	13.003807	11.287351	-1.553868
368	8	0	10.974581	9.995082	-1.593899
369	1	0	11.436809	6.073109	-5.819585
370	1	0	11.992517	5.370727	-4.245172
371	1	0	10.429906	6.291467	-4.326230
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373	1	0	10.568870	8.893495	-4.806708
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376	6	0	12.313909	-1.628936	0.701934
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378	1	0	10.819233	1.709372	-4.400856
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386	6	0	11.671279	-2.981826	0.298986
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389	1	0	12.135189	2.547977	-6.390202
390	1	0	13.633426	1.791059	-5.706408
391	1	0	12.240621	0.751023	-6.213584
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393	7	0	12.540768	-3.966901	-0.034267
394	6	0	12.363536	-2.384613	3.065279
395	6	0	12.388313	0.062859	2.570674
396	1	0	10.742447	-1.282747	2.154515
397	1	0	13.543241	-3.788827	0.047715
398	6	0	12.101754	-5.301095	-0.433013
399	1	0	12.049370	-2.154740	4.111812
400	1	0	11.932692	-3.374730	2.779096
401	1	0	13.478153	-2.456949	3.035239
402	1	0	13.507023	0.023665	2.659866
403	1	0	12.143843	0.832006	1.790525
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405	6	0	12.667924	-5.691683	-1.816234
406	1	0	11.011100	-5.294877	-0.458813
407	8	0	13.835697	-6.423219	0.815580
408	7	0	11.677387	-7.108862	1.176437
409	1	0	13.757106	-5.768528	-1.766752
410	1	0	12.266877	-6.675010	-2.091924
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413	6	0	11.451831	-9.509362	1.766272
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421	1	0	13.322503	-10.323642	1.923808
422	6	0	11.930576	-11.897137	1.469642
423	6	0	10.185405	-7.291008	5.409114
424	1	0	10.023934	-6.568328	3.369097
425	1	0	9.674283	-8.327652	3.563373
426	1	0	12.796275	-12.554419	1.585169
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434	1	0	8.082616	-7.827568	5.450180
435	1	0	9.070063	-5.973846	7.505360
436	1	0	7.564243	-6.589577	7.366443
437	6	0	-16.467476	-1.383098	-4.860715
438	6	0	-11.662656	-2.011963	-4.402629
439	6	0	-6.894459	-2.687328	-4.140874
440	6	0	12.243400	-4.706441	-2.901547
441	1	0	14.229704	-4.350151	-3.396704
442	1	0	13.016534	-3.475440	-4.325282
443	7	0	13.254637	-4.146514	-3.606301
444	8	0	11.051665	-4.453146	-3.118254
445	1	0	-4.895954	-2.171142	-4.372187
446	1	0	-6.091338	-0.975856	-4.883238
447	1	0	-9.659189	-1.474730	-4.536044
448	1	0	-10.846437	-0.218799	-4.897789
449	1	0	-14.486752	-0.734926	-4.829152
450	1	0	-15.713658	0.486399	-5.162654
451	7	0	-15.455901	-0.478923	-5.004419
452	7	0	-10.627881	-1.177300	-4.657594
453	7	0	-5.867671	-1.893856	-4.520731
454	8	0	-17.658299	-1.101362	-4.987050
455	8	0	-12.847550	-1.666201	-4.498696
456	8	0	-8.082689	-2.359042	-4.264369
457	6	0	-17.246868	-1.523659	3.721497
458	1	0	-18.285959	-1.126436	3.619613
459	1	0	-17.309707	-2.618116	3.933860
460	1	0	-16.764347	-1.023188	4.595966
461	6	0	-12.452520	-1.253280	4.063138
462	1	0	-12.087477	-0.548914	4.849765
463	1	0	-13.551212	-1.094629	3.932566
464	1	0	-12.289481	-2.296376	4.426327
465	6	0	-7.645148	-0.723501	4.155452
466	1	0	-8.754359	-0.753043	4.022547
467	1	0	-7.335837	-1.631338	4.726767
468	1	0	-7.392593	0.181083	4.764134
469	6	0	11.785309	0.510629	3.878521
470	1	0	10.676943	0.368041	3.873073
471	1	0	12.209056	-0.064490	4.736414



472	1	0	11.995923	1.597693	4.042849
473	1	0	0.230882	3.315390	5.420286
474	7	0	-0.738368	3.204911	5.721671
475	6	0	-1.778030	3.221095	4.854641
476	1	0	-0.950533	3.093438	6.704258
477	6	0	-1.422290	3.424760	3.386039
478	8	0	-2.954774	3.082973	5.221350
479	6	0	-2.008291	4.745792	2.851357
480	1	0	-1.854291	2.576860	2.839754
481	1	0	-0.336331	3.400327	3.246636
482	6	0	-1.730402	4.956390	1.348839
483	1	0	-1.568841	5.591245	3.394626
484	1	0	-3.088834	4.766448	3.027263
485	7	0	-2.185608	6.277140	0.921025
486	6	0	-2.459977	3.890539	0.507740
487	1	0	-0.656938	4.908075	1.156515
488	6	0	-1.336942	7.219135	0.457340
489	1	0	-3.186170	6.494082	0.992181
490	8	0	-3.696298	3.808059	0.536575
491	7	0	-1.660629	3.082799	-0.225577
492	6	0	-1.984731	8.575670	0.086905
493	8	0	-0.109784	7.056784	0.342043
494	1	0	-0.647516	3.218818	-0.186576
495	6	0	-2.190860	2.001551	-1.073789
496	7	0	-1.352532	9.611393	0.916633
497	6	0	-1.823553	8.793645	-1.415455
498	1	0	-3.051385	8.568946	0.337389
499	6	0	-1.623380	0.673814	-0.508715
500	6	0	-1.802641	2.117691	-2.546004
501	1	0	-3.282411	2.020939	-0.984345
502	1	0	-0.346182	9.764070	0.822949
503	6	0	-2.062348	10.393349	1.769516
504	6	0	-2.532395	7.685301	-2.170430
505	6	0	-2.377688	10.138535	-1.838409
506	1	0	-0.723729	8.756356	-1.668708
507	8	0	-0.393986	0.500856	-0.449707
508	7	0	-2.542071	-0.214926	-0.076961
509	6	0	-2.362796	3.392471	-3.163262
510	6	0	-2.310711	0.897749	-3.291374
511	1	0	-0.676368	2.140848	-2.620186
512	6	0	-1.240815	11.394332	2.568325
513	8	0	-3.292064	10.311992	1.920780
514	1	0	-2.463172	7.868346	-3.269714

515	1	0	-2.065886	6.694659	-1.948363
516	1	0	-3.611820	7.643491	-1.883660
517	1	0	-2.349323	10.229613	-2.951404
518	1	0	-3.437050	10.248485	-1.500382
519	1	0	-1.776631	10.972824	-1.404538
520	1	0	-3.538476	0.021075	-0.143612
521	6	0	-2.166754	-1.484671	0.569793
522	6	0	-1.742732	3.699946	-4.502857
523	1	0	-3.475872	3.290238	-3.274577
524	1	0	-2.179110	4.263146	-2.478868
525	1	0	-2.081644	0.987484	-4.380318
526	1	0	-1.819216	-0.029163	-2.906146
527	1	0	-3.416253	0.792705	-3.166809
528	1	0	-1.676743	12.388994	2.429562
529	1	0	-1.328561	11.142083	3.630902
530	1	0	-0.187478	11.402414	2.277535
531	6	0	-2.786333	-2.630097	-0.270098
532	6	0	-2.668769	-1.619336	2.006669
533	1	0	-1.073758	-1.545738	0.559339
534	1	0	-2.112620	4.685463	-4.877131
535	1	0	-0.629314	3.749352	-4.421163
536	1	0	-2.004551	2.920656	-5.258463
537	8	0	-4.014563	-2.710686	-0.404147
538	7	0	-1.901478	-3.478948	-0.844473
539	6	0	-2.249582	-2.969529	2.556448
540	6	0	-2.136808	-0.497210	2.887451
541	1	0	-3.797272	-1.568971	1.996928
542	1	0	-0.903325	-3.362113	-0.649286
543	6	0	-2.323623	-4.610976	-1.664224
544	1	0	-2.571818	-3.064332	3.621215
545	1	0	-2.723635	-3.794424	1.970938
546	1	0	-1.139549	-3.087538	2.506745
547	1	0	-1.030688	-0.630473	3.028368
548	1	0	-2.288624	0.489760	2.374952
549	6	0	-1.849591	-5.913123	-0.995585
550	6	0	-1.708728	-4.546137	-3.080120
551	1	0	-3.412594	-4.585715	-1.725938
552	8	0	-0.642737	-6.081249	-0.749542
553	7	0	-2.807933	-6.831138	-0.731576
554	1	0	-0.619868	-4.616827	-3.021782
555	1	0	-2.081623	-5.399376	-3.660586
556	1	0	-3.790587	-6.601285	-0.909408
557	6	0	-2.450940	-8.109173	-0.104906

558	6	0	-2.997262	-9.299484	-0.925209
559	6	0	-2.857158	-8.253408	1.347249
560	1	0	-1.355856	-8.151539	-0.126647
561	8	0	-4.175394	-9.367658	-1.308616
562	6	0	-4.326020	-8.048622	1.644545
563	1	0	-2.550256	-9.282291	1.682561
564	1	0	-2.256743	-7.517416	1.952125
565	6	0	-2.420463	-11.483188	-1.881806
566	6	0	-4.587665	-8.300988	3.116189
567	1	0	-4.634248	-7.003406	1.376139
568	1	0	-4.944318	-8.742830	1.013519
569	1	0	-1.613263	-12.208480	-1.747672
570	1	0	-3.351605	-11.907812	-1.492688
571	1	0	-2.553543	-11.295521	-2.955201
572	6	0	-6.055882	-8.058274	3.457671
573	1	0	-4.309296	-9.356637	3.374611
574	1	0	-3.932737	-7.627209	3.731682
575	7	0	-6.355954	-8.266554	4.854113
576	1	0	-6.330226	-7.017151	3.107286
577	1	0	-6.690383	-8.781512	2.865931
578	1	0	-5.802957	-7.669579	5.435386
579	1	0	-7.325416	-8.094143	5.030244
580	6	0	-2.129801	-3.277031	-3.816098
581	1	0	-0.141795	-2.736613	-4.076797
582	1	0	-1.357761	-1.631903	-4.724709
583	7	0	-1.118107	-2.495864	-4.255403
584	8	0	-3.324278	-3.000069	-3.996418
585	6	0	-2.821543	-0.442531	4.229984
586	1	0	-3.931006	-0.506425	4.112519
587	1	0	-2.489440	-1.281641	4.887141
588	1	0	-2.581576	0.523995	4.741089
589	1	0	-1.113968	-10.105922	-0.878925
590	7	0	-2.081641	-10.264496	-1.161746
591	1	0	5.141779	3.713371	4.969700
592	7	0	4.178701	3.634730	5.299014
593	6	0	3.122242	3.568480	4.455150
594	1	0	3.986268	3.619869	6.291875
595	6	0	3.448902	3.624846	2.966832
596	8	0	1.952796	3.470062	4.856437
597	6	0	2.837475	4.878466	2.311829
598	1	0	3.017785	2.721130	2.517597
599	1	0	4.532256	3.596706	2.808926
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601	1	0	3.278696	5.779482	2.755248
602	1	0	1.760953	4.907647	2.509772
603	7	0	2.607307	6.204477	0.240694
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605	1	0	4.151779	4.876624	0.582095
606	6	0	3.439963	7.098994	-0.333114
607	1	0	1.606250	6.420704	0.305210
608	8	0	1.109729	3.714594	0.117151
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611	8	0	4.666396	6.931975	-0.452710
612	1	0	4.152591	3.039312	-0.552833
613	6	0	2.602929	1.735823	-1.291815
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615	6	0	2.901490	8.458536	-2.353303
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619	1	0	1.512368	1.762033	-1.192856
620	1	0	4.415364	9.673665	-0.257832
621	6	0	2.706556	10.404068	0.627469
622	6	0	2.186050	7.270825	-2.968411
623	6	0	2.327416	9.746423	-2.906946
624	1	0	3.995999	8.400693	-2.624837
625	8	0	4.410159	0.311376	-0.532203
626	7	0	2.267348	-0.364987	-0.066592
627	6	0	2.407453	2.903247	-3.512232
628	6	0	2.460450	0.408808	-3.381749
629	1	0	4.100840	1.714584	-2.860526
630	6	0	3.530226	11.498307	1.290030
631	8	0	1.479046	10.336163	0.800933
632	1	0	2.226246	7.336725	-4.082313
633	1	0	2.668317	6.313022	-2.654871
634	1	0	1.114521	7.251197	-2.651218
635	1	0	2.330410	9.716273	-4.023605
636	1	0	1.274984	9.886614	-2.558589
637	1	0	2.931248	10.626235	-2.580017
638	1	0	1.269985	-0.138828	-0.150854
639	6	0	2.649612	-1.557634	0.710071
640	6	0	3.013770	3.071935	-4.882395
641	1	0	1.293634	2.788760	-3.601900
642	1	0	2.595505	3.840083	-2.923028
643	1	0	2.677942	0.384908	-4.476479

644	1	0	2.956293	-0.473503	-2.907643
645	1	0	1.356301	0.317833	-3.235233
646	1	0	3.098322	12.467467	1.019933
647	1	0	3.438513	11.389185	2.376249
648	1	0	4.584072	11.465601	1.002992
649	6	0	2.022326	-2.786377	0.004085
650	6	0	2.160143	-1.536069	2.157251
651	1	0	3.742614	-1.619410	0.696013
652	1	0	2.633559	4.010388	-5.354561
653	1	0	4.127442	3.136646	-4.816962
654	1	0	2.750947	2.215983	-5.549516
655	8	0	0.792324	-2.886919	-0.096420
656	7	0	2.902535	-3.683986	-0.498659
657	6	0	2.583628	-2.819520	2.846061
658	6	0	2.699230	-0.326256	2.907974
659	1	0	1.031545	-1.486250	2.151464
660	1	0	3.902946	-3.544337	-0.332783
661	6	0	2.474496	-4.893023	-1.196617
662	1	0	2.264514	-2.801023	3.915835
663	1	0	2.109593	-3.702809	2.352970
664	1	0	3.693673	-2.940292	2.806182
665	1	0	3.805979	-0.445802	3.056115
666	1	0	2.545955	0.599833	2.292633
667	6	0	2.963283	-6.119859	-0.407071
668	6	0	3.071621	-4.964551	-2.619204
669	1	0	1.384768	-4.877646	-1.245834
670	8	0	4.175378	-6.260821	-0.169317
671	7	0	2.012045	-7.004001	-0.028008
672	1	0	4.161128	-5.031579	-2.568210
673	1	0	2.692185	-5.868864	-3.111564
674	1	0	1.026111	-6.796280	-0.214354
675	6	0	2.383638	-8.209176	0.722763
676	6	0	1.808672	-9.478185	0.053197
677	6	0	2.024484	-8.192533	2.194171
678	1	0	3.477220	-8.261235	0.672611
679	8	0	0.619206	-9.583374	-0.284711
680	7	0	2.716041	-10.466354	-0.108118
681	6	0	0.564280	-7.963324	2.514581
682	1	0	2.350260	-9.176760	2.630776
683	1	0	2.637733	-7.391688	2.694808
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686	6	0	0.350307	-8.061187	4.012071

687	1	0	0.240662	-6.953290	2.147964
688	1	0	-0.067819	-8.722628	1.979382
689	1	0	3.196622	-12.438934	-0.573170
690	1	0	1.480956	-12.172359	-0.171973
691	1	0	2.109370	-11.660350	-1.750974
692	6	0	-1.113955	-7.818909	4.370034
693	1	0	0.664347	-9.075884	4.373591
694	1	0	1.002907	-7.309170	4.531820
695	7	0	-1.372960	-7.904722	5.787166
696	1	0	-1.421445	-6.820176	3.933935
697	1	0	-1.745833	-8.606346	3.863430
698	1	0	-0.833829	-7.232842	6.294815
699	1	0	-2.345044	-7.758762	5.972409
700	6	0	2.643437	-3.771101	-3.469255
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704	8	0	1.447838	-3.495156	-3.642356
705	6	0	2.022168	-0.125677	4.240519
706	1	0	0.911896	-0.198197	4.136099
707	1	0	2.355423	-0.890895	4.981896
708	1	0	2.267683	0.889149	4.644094
709	1	0	10.047017	4.102931	4.379870
710	7	0	9.094008	4.049112	4.739651
711	6	0	8.019066	3.880410	3.933597
712	1	0	8.925461	4.138449	5.732968
713	6	0	8.309982	3.781376	2.439966
714	8	0	6.861053	3.812425	4.371530
715	6	0	7.677197	4.958950	1.673748
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717	1	0	9.389492	3.738857	2.259095
718	6	0	7.884339	4.861824	0.148444
719	1	0	8.124070	5.901874	2.011703
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721	7	0	7.384687	6.062829	-0.516133
722	6	0	7.143924	3.639130	-0.425916
723	1	0	8.949423	4.788293	-0.078929
724	6	0	8.197566	6.903678	-1.190488
725	1	0	6.383757	6.279742	-0.450567
726	8	0	5.910381	3.559084	-0.340756
727	7	0	7.930118	2.698259	-0.996379
728	6	0	7.510173	8.147622	-1.802127
729	8	0	9.423402	6.734731	-1.315593

730	1	0	8.940629	2.849225	-1.029482
731	6	0	7.389690	1.459296	-1.581663
732	7	0	8.156646	9.336764	-1.230080
733	6	0	7.604062	8.052525	-3.323101
734	1	0	6.454970	8.181861	-1.509105
735	6	0	7.983640	0.283004	-0.764042
736	6	0	7.741335	1.263473	-3.054702
737	1	0	6.300636	1.491891	-1.468567
738	1	0	9.158516	9.466414	-1.382890
739	6	0	7.461818	10.289473	-0.556718
740	6	0	6.886436	6.804578	-3.801131
741	6	0	7.005937	9.275283	-3.987751
742	1	0	8.692713	7.975787	-3.612875
743	8	0	9.215847	0.130409	-0.702186
744	7	0	7.082760	-0.497344	-0.132124
745	6	0	7.156099	2.377647	-3.912573
746	6	0	7.225447	-0.087684	-3.513267
747	1	0	8.865275	1.273980	-3.160953
748	6	0	8.294322	11.446134	-0.023944
749	8	0	6.236852	10.242324	-0.362075
750	1	0	6.897040	6.762522	-4.916869
751	1	0	7.387609	5.886018	-3.409530
752	1	0	5.823733	6.806440	-3.454874
753	1	0	6.986186	9.135771	-5.095898
754	1	0	5.959602	9.440845	-3.632185
755	1	0	7.607590	10.187644	-3.761543
756	1	0	6.083375	-0.280886	-0.220041
757	6	0	7.479245	-1.603453	0.757857
758	6	0	7.739313	2.396799	-5.302871
759	1	0	6.041525	2.250870	-3.970505
760	1	0	7.349562	3.373940	-3.432896
761	1	0	7.427066	-0.228600	-4.602242
762	1	0	7.733468	-0.911750	-2.954739
763	1	0	6.124129	-0.167352	-3.341325
764	1	0	7.870554	12.381271	-0.404511
765	1	0	8.202041	11.464127	1.067410
766	1	0	9.347686	11.373255	-0.305445
767	6	0	6.844295	-2.900214	0.192981
768	6	0	7.010449	-1.433438	2.201999
769	1	0	8.572118	-1.664691	0.733935
770	1	0	7.349257	3.278303	-5.867686
771	1	0	8.853756	2.468635	-5.263482
772	1	0	7.467299	1.473489	-5.868811

773	8	0	5.613442	-3.016763	0.131332
774	7	0	7.719780	-3.839273	-0.238218
775	6	0	7.447310	-2.638188	3.013627
776	6	0	7.556198	-0.151728	2.816160
777	1	0	5.881688	-1.386096	2.207320
778	1	0	8.721741	-3.681004	-0.104889
779	6	0	7.286301	-5.117186	-0.796074
780	1	0	7.139561	-2.511384	4.079392
781	1	0	6.972130	-3.569054	2.618960
782	1	0	8.557353	-2.758494	2.974171
783	1	0	8.665709	-0.252323	2.957499
784	1	0	7.388581	0.706066	2.111993
785	6	0	7.786462	-6.252331	0.114960
786	6	0	7.868308	-5.342632	-2.208561
787	1	0	6.196141	-5.107306	-0.834596
788	8	0	9.002446	-6.364401	0.351573
789	7	0	6.842477	-7.092490	0.596236
790	1	0	8.958295	-5.406796	-2.161776
791	1	0	7.483905	-6.294528	-2.596348
792	1	0	5.853294	-6.905998	0.402952
793	6	0	7.224880	-8.209345	1.468565
794	6	0	6.626737	-9.541901	0.961399
795	6	0	6.900608	-8.025005	2.936918
796	1	0	8.316409	-8.276449	1.400376
797	8	0	5.432057	-9.672534	0.652760
798	7	0	7.521391	-10.553623	0.912318
799	6	0	5.449057	-7.751062	3.261102
800	1	0	7.231427	-8.956637	3.473716
801	1	0	7.528938	-7.177928	3.331608
802	1	0	8.500903	-10.351328	1.112473
803	6	0	7.138254	-11.898197	0.506525
804	6	0	5.268233	-7.673054	4.764012
805	1	0	5.120505	-6.788511	2.786910
806	1	0	4.802624	-8.563682	2.831645
807	1	0	7.957395	-12.583898	0.739375
808	1	0	6.240922	-12.218488	1.046133
809	1	0	6.926761	-11.950679	-0.569182
810	6	0	3.810517	-7.394545	5.122570
811	1	0	5.594848	-8.637534	5.235301
812	1	0	5.928056	-6.863704	5.177506
813	7	0	3.583855	-7.307635	6.545061
814	1	0	3.486864	-6.457750	4.574966
815	1	0	3.173462	-8.240587	4.729512



816	1	0	4.117391	-6.566299	6.951836
817	1	0	2.612728	-7.160781	6.734407
818	6	0	7.432697	-4.247729	-3.178823
819	1	0	9.414732	-3.818686	-3.632107
820	1	0	8.185812	-2.855913	-4.453051
821	7	0	8.434903	-3.604196	-3.818904
822	8	0	6.236327	-3.985372	-3.364181
823	6	0	6.899670	0.181958	4.132220
824	1	0	5.788293	0.094490	4.054212
825	1	0	7.249237	-0.501754	4.942531
826	1	0	7.145749	1.233858	4.425426
827	1	0	19.859176	4.838906	2.836689
828	7	0	18.934535	4.805255	3.239425
829	6	0	17.840549	4.447717	2.508452
830	1	0	18.805139	5.094842	4.200181
831	6	0	18.094423	4.062074	1.055517
832	8	0	16.707829	4.437547	2.996369
833	6	0	17.371077	5.026052	0.094810
834	1	0	17.705791	3.043051	0.935235
835	1	0	19.168644	4.033501	0.834445
836	6	0	17.481129	4.608005	-1.387767
837	1	0	17.795652	6.032572	0.186941
838	1	0	16.313495	5.086632	0.370526
839	7	0	16.879155	5.607849	-2.257638
840	6	0	16.755312	3.273924	-1.626404
841	1	0	18.536318	4.538831	-1.672091
842	6	0	17.638548	6.437352	-3.020654
843	1	0	15.860635	5.727171	-2.248104
844	8	0	15.526909	3.205599	-1.501941
845	7	0	17.534666	2.218147	-1.963282
846	6	0	16.834416	7.427017	-3.898947
847	8	0	18.874680	6.435875	-3.030056
848	1	0	18.539790	2.332121	-2.012899
849	6	0	17.001517	0.863128	-2.196598
850	7	0	17.498049	8.731557	-3.779130
851	6	0	16.763931	6.882373	-5.323865
852	1	0	15.814895	7.541845	-3.516146
853	6	0	17.628999	-0.058587	-1.114870
854	6	0	17.327985	0.312917	-3.582248
855	1	0	15.914505	0.920987	-2.074748
856	1	0	18.508082	8.726503	-3.853521
857	6	0	16.851904	9.861973	-3.388890
858	6	0	15.987236	5.578654	-5.330941

859	6	0	16.107512	7.878130	-6.258949
860	1	0	17.811158	6.682449	-5.690220
861	8	0	18.852036	-0.082593	-0.940858
862	7	0	16.727312	-0.788722	-0.405726
863	6	0	16.635504	1.124489	-4.670684
864	6	0	16.904103	-1.141784	-3.656351
865	1	0	18.443099	0.368142	-3.742526
866	6	0	17.724771	11.097256	-3.224420
867	8	0	15.632297	9.909394	-3.177885
868	1	0	15.741970	5.285348	-6.380175
869	1	0	16.588444	4.756910	-4.872496
870	1	0	15.032873	5.685630	-4.756409
871	1	0	15.959785	7.416424	-7.265437
872	1	0	15.111483	8.191128	-5.861149
873	1	0	16.741752	8.787735	-6.384642
874	1	0	15.724215	-0.630941	-0.549051
875	6	0	17.138803	-1.669279	0.697392
876	6	0	17.261012	0.908426	-6.025460
877	1	0	15.548550	0.843275	-4.705163
878	1	0	16.681500	2.219128	-4.426827
879	1	0	17.016354	-1.523062	-4.699795
880	1	0	17.540256	-1.767092	-2.983625
881	1	0	15.836518	-1.257911	-3.346697
882	1	0	17.360236	11.874355	-3.903694
883	1	0	17.611038	11.472286	-2.202424
884	1	0	18.784431	10.912877	-3.425697
885	6	0	16.497834	-3.049276	0.417927
886	6	0	16.694889	-1.196626	2.080254
887	1	0	18.234016	-1.715682	0.668442
888	1	0	16.738375	1.532664	-6.790553
889	1	0	18.340188	1.196469	-6.013950
890	1	0	17.187531	-0.160912	-6.338442
891	8	0	15.275833	-3.156491	0.291383
892	7	0	17.356079	-4.095511	0.268027
893	6	0	17.030081	-2.253508	3.114806
894	6	0	17.352177	0.129085	2.443000
895	1	0	15.573743	-1.056526	2.065423
896	1	0	18.329280	-3.982352	0.530622
897	6	0	16.903099	-5.463187	0.021166
898	1	0	16.797391	-1.870362	4.137851
899	1	0	16.426467	-3.177562	2.941050
900	1	0	18.113994	-2.519737	3.076248
901	1	0	18.413382	-0.057640	2.756581

902	1	0	17.391071	0.796526	1.541226
903	6	0	17.420912	-6.356978	1.162397
904	6	0	17.486470	-6.004896	-1.305683
905	1	0	15.812926	-5.451269	-0.020000
906	8	0	18.617558	-6.312938	1.470907
907	7	0	16.508303	-7.184630	1.735940
908	1	0	18.574218	-6.096104	-1.212828
909	1	0	17.078380	-7.005957	-1.488010
910	1	0	15.513301	-7.073602	1.518112
911	6	0	16.925472	-8.077671	2.819422
912	6	0	16.244337	-9.458623	2.679166
913	6	0	16.703283	-7.547153	4.224245
914	1	0	18.010801	-8.194698	2.696879
915	8	0	15.085712	-9.598087	2.271196
916	7	0	17.009474	-10.505960	3.076825
917	6	0	15.263492	-7.214526	4.550117
918	1	0	17.080795	-8.319601	4.947917
919	1	0	17.334222	-6.627544	4.364316
920	1	0	17.965306	-10.328708	3.353837
921	6	0	16.511881	-11.877878	3.100253
922	6	0	15.124022	-6.873755	6.019225
923	1	0	14.918167	-6.349068	3.924600
924	1	0	14.602773	-8.086340	4.291875
925	1	0	17.212175	-12.499232	3.663984
926	1	0	15.532535	-11.914036	3.587093
927	1	0	16.412497	-12.283152	2.086317
928	6	0	13.668657	-6.558620	6.360394
929	1	0	15.479916	-7.735031	6.643755
930	1	0	15.774244	-5.993141	6.263590
931	7	0	13.462920	-6.291019	7.762637
932	1	0	13.331331	-5.703307	5.699324
933	1	0	13.029496	-7.449835	6.089201
934	1	0	14.021489	-5.521562	8.071721
935	1	0	12.498365	-6.098748	7.943967
936	6	0	17.093291	-5.128942	-2.491270
937	1	0	19.082662	-4.680409	-2.903540
938	1	0	17.905809	-3.948155	-3.956307
939	7	0	18.122347	-4.585087	-3.199272
940	8	0	15.914997	-4.934689	-2.795955
941	6	0	16.611702	0.846786	3.543236
942	1	0	15.521658	0.918852	3.306820
943	1	0	16.724136	0.312767	4.517277
944	1	0	17.009706	1.885665	3.660039



P Pl (Ac-VQIINK-NHMe)<sub>9</sub>

1	6	0	-18.560643	10.650264	5.304402
2	6	0	-19.191701	9.896328	4.140425
3	1	0	-19.076424	11.609765	5.415851
4	1	0	-18.733586	10.076048	6.220963
5	1	0	-17.488123	10.815680	5.170556
6	8	0	-20.401314	9.650696	4.100429
7	7	0	-18.313571	9.517774	3.162661
8	1	0	-17.317883	9.723844	3.259911
9	6	0	-18.764905	8.744980	2.001927
10	6	0	-18.205553	7.309352	2.147071
11	6	0	-18.313179	9.302427	0.656008
12	1	0	-19.861080	8.745990	2.047292
13	8	0	-16.981884	7.107542	2.113939
14	7	0	-19.116060	6.330326	2.348860
15	6	0	-18.951522	8.505302	-0.465404
16	6	0	-18.663802	10.768842	0.512943
17	1	0	-17.191142	9.190514	0.583584
18	1	0	-20.103801	6.556966	2.334097
19	6	0	-18.762163	4.920949	2.522044
20	1	0	-18.584921	8.877598	-1.452258
21	1	0	-18.691779	7.421982	-0.378942
22	1	0	-20.063181	8.608878	-0.440129
23	1	0	-18.466997	11.106404	-0.533662
24	1	0	-19.742691	10.940410	0.743978
25	1	0	-18.047275	11.393126	1.203278
26	6	0	-19.444245	4.124107	1.392242
27	6	0	-19.207883	4.416328	3.910131
28	1	0	-17.676471	4.856363	2.428612
29	8	0	-20.651127	4.253080	1.168318
30	7	0	-18.617972	3.282327	0.709153
31	6	0	-18.681159	3.007762	4.237647
32	1	0	-18.833491	5.128687	4.656237
33	1	0	-20.301500	4.417197	3.974230
34	1	0	-17.609911	3.340083	0.866552
35	6	0	-19.091060	2.489804	-0.434304
36	6	0	-19.149929	2.560004	5.624500
37	1	0	-19.080566	2.283125	3.517110
38	1	0	-17.587907	2.976471	4.168037
39	6	0	-18.494500	1.071201	-0.274102
40	6	0	-18.679526	3.044163	-1.798781
41	1	0	-20.185973	2.477505	-0.376227

42	8	0	-20.343439	2.533268	5.931844
43	7	0	-18.154202	2.185537	6.480252
44	8	0	-17.273793	0.925238	-0.115944
45	7	0	-19.374585	0.043300	-0.304664
46	6	0	-19.407665	4.350047	-2.093252
47	6	0	-18.964448	2.023768	-2.883076
48	1	0	-17.567444	3.240708	-1.783884
49	1	0	-18.430260	1.926279	7.417627
50	1	0	-17.166388	2.291204	6.257625
51	1	0	-20.359983	0.227388	-0.453753
52	6	0	-18.970571	-1.372609	-0.193052
53	6	0	-18.676295	5.184723	-3.113624
54	1	0	-20.442376	4.120099	-2.462437
55	1	0	-19.525672	4.947839	-1.149837
56	1	0	-18.803115	2.479297	-3.890264
57	1	0	-18.279784	1.145882	-2.782631
58	1	0	-20.020332	1.663497	-2.827674
59	6	0	-19.576391	-2.099923	-1.423804
60	6	0	-19.466395	-2.060182	1.075817
61	1	0	-17.877016	-1.394014	-0.215038
62	1	0	-19.217930	6.147381	-3.279790
63	1	0	-17.640580	5.418281	-2.764652
64	1	0	-18.603507	4.649777	-4.091269
65	8	0	-20.797290	-2.125088	-1.595389
66	7	0	-18.657986	-2.638565	-2.273294
67	6	0	-19.112861	-3.534726	1.009635
68	6	0	-18.863760	-1.427178	2.323681
69	1	0	-20.589208	-1.963641	1.123520
70	1	0	-17.670573	-2.611965	-2.013792
71	6	0	-19.041662	-3.335801	-3.488066
72	1	0	-19.379244	-4.035582	1.971057
73	1	0	-19.676185	-4.034204	0.184159
74	1	0	-18.018452	-3.669019	0.827757
75	1	0	-17.809948	-1.794185	2.451814
76	1	0	-18.806991	-0.312588	2.206142
77	6	0	-18.609712	-4.810257	-3.427804
78	6	0	-18.370871	-2.733437	-4.745589
79	1	0	-20.127678	-3.242397	-3.579240
80	8	0	-17.521501	-5.144824	-2.935079
81	7	0	-19.468266	-5.684712	-4.007706
82	1	0	-17.282558	-2.776087	-4.648198
83	1	0	-18.662801	-3.330397	-5.618858
84	1	0	-20.281800	-5.321199	-4.492759

85	6	0	-19.094971	-7.068234	-4.329933
86	6	0	-19.007155	-7.202754	-5.874690
87	6	0	-20.052350	-8.111697	-3.789686
88	1	0	-18.109951	-7.241116	-3.879436
89	8	0	-19.841416	-6.663317	-6.608099
90	7	0	-17.971527	-7.966662	-6.308180
91	6	0	-21.497817	-7.884330	-4.178453
92	1	0	-19.711354	-9.112419	-4.170417
93	1	0	-19.969690	-8.135761	-2.668835
94	1	0	-17.243974	-8.216765	-5.638732
95	6	0	-17.734051	-8.203453	-7.723424
96	6	0	-22.345160	-9.090773	-3.834338
97	1	0	-21.898939	-6.983156	-3.643429
98	1	0	-21.563645	-7.673182	-5.280259
99	1	0	-17.505008	-9.261311	-7.899962
100	1	0	-18.636769	-7.931112	-8.274437
101	1	0	-16.900052	-7.595334	-8.099692
102	6	0	-23.801297	-8.835278	-4.220411
103	1	0	-21.961339	-9.993513	-4.377698
104	1	0	-22.269393	-9.303907	-2.735824
105	7	0	-24.673366	-9.951568	-3.938775
106	1	0	-24.137048	-7.885505	-3.705003
107	1	0	-23.852306	-8.642105	-5.330445
108	1	0	-24.570690	-10.257666	-2.991731
109	1	0	-25.626754	-9.693273	-4.097450
110	8	0	-15.516503	10.197992	3.614638
111	6	0	-14.276111	10.209402	3.663432
112	7	0	-13.479095	9.489630	2.832209
113	6	0	-13.543866	11.039744	4.707640
114	6	0	-14.020342	8.623420	1.774724
115	1	0	-12.465373	9.606106	2.894493
116	1	0	-13.909963	12.069898	4.649159
117	1	0	-13.806370	10.653408	5.698810
118	1	0	-12.459030	11.018526	4.578580
119	6	0	-13.407002	7.214600	1.965873
120	6	0	-13.707054	9.095808	0.356377
121	1	0	-15.106841	8.589269	1.909194
122	7	0	-14.290623	6.211966	2.153701
123	8	0	-12.173087	7.064249	1.956995
124	6	0	-14.325629	8.142251	-0.647647
125	6	0	-14.222682	10.500258	0.119169
126	1	0	-12.586675	9.090924	0.214669
127	1	0	-15.293517	6.425706	2.156437

128	6	0	-13.875466	4.829243	2.390092
129	1	0	-14.155175	8.516849	-1.685608
130	1	0	-13.868051	7.126581	-0.560814
131	1	0	-15.426629	8.052480	-0.477292
132	1	0	-14.092768	10.778534	-0.954794
133	1	0	-15.308636	10.567495	0.375029
134	1	0	-13.664626	11.239938	0.741446
135	6	0	-14.581379	3.927775	1.358946
136	6	0	-14.231496	4.392517	3.824411
137	1	0	-12.794730	4.786901	2.241822
138	8	0	-15.817297	3.841952	1.343411
139	7	0	-13.760403	3.259289	0.514484
140	6	0	-13.733327	2.973020	4.156450
141	1	0	-13.780590	5.114804	4.516058
142	1	0	-15.316963	4.438406	3.959613
143	1	0	-12.750000	3.397172	0.589775
144	6	0	-14.274424	2.384586	-0.552304
145	6	0	-14.146448	2.564583	5.566916
146	1	0	-14.192965	2.248013	3.472697
147	1	0	-12.646211	2.906666	4.040021
148	6	0	-13.675873	0.973748	-0.316523
149	6	0	-13.907626	2.836213	-1.965297
150	1	0	-15.364656	2.360706	-0.451723
151	8	0	-15.337300	2.486256	5.896962
152	7	0	-13.131213	2.295047	6.425094
153	8	0	-12.443410	0.813830	-0.314611
154	7	0	-14.574841	-0.010311	-0.102891
155	6	0	-14.427911	4.237882	-2.255628
156	6	0	-14.473363	1.845646	-2.965770
157	1	0	-12.782352	2.840699	-2.057429
158	1	0	-13.376963	2.043972	7.373346
159	1	0	-12.150235	2.383708	6.159251
160	1	0	-15.573755	0.217554	-0.098471
161	6	0	-14.175198	-1.404999	0.152520
162	6	0	-13.839930	4.815101	-3.518688
163	1	0	-15.547756	4.207528	-2.337616
164	1	0	-14.178501	4.925143	-1.403818
165	1	0	-14.221810	2.162788	-4.006348
166	1	0	-14.044677	0.827304	-2.799251
167	1	0	-15.585513	1.782259	-2.871850
168	6	0	-14.769149	-2.273233	-0.987843
169	6	0	-14.677846	-1.962845	1.482478
170	1	0	-13.081269	-1.440354	0.134163



171	1	0	-14.155240	5.880791	-3.633397
172	1	0	-12.723420	4.779385	-3.487295
173	1	0	-14.184016	4.251784	-4.419253
174	8	0	-15.992726	-2.308847	-1.172061
175	7	0	-13.867344	-2.940601	-1.747610
176	6	0	-14.268734	-3.420302	1.591677
177	6	0	-14.136428	-1.167925	2.662850
178	1	0	-15.805574	-1.903511	1.491766
179	1	0	-12.874875	-2.884290	-1.503952
180	6	0	-14.270795	-3.791059	-2.862511
181	1	0	-14.547550	-3.824126	2.594236
182	1	0	-14.787260	-4.030729	0.812717
183	1	0	-13.164832	-3.529943	1.456165
184	1	0	-13.044287	-1.395594	2.791250
185	1	0	-14.222144	-0.067722	2.457980
186	6	0	-13.830559	-5.240757	-2.586597
187	6	0	-13.628290	-3.331783	-4.189846
188	1	0	-15.357897	-3.731461	-2.936941
189	8	0	-12.637165	-5.503995	-2.359912
190	7	0	-14.814828	-6.167179	-2.640342
191	1	0	-12.540501	-3.420531	-4.133180
192	1	0	-13.987701	-3.985357	-4.994723
193	1	0	-15.786292	-5.867891	-2.768394
194	6	0	-14.532447	-7.591833	-2.419667
195	6	0	-14.820714	-8.403910	-3.707517
196	6	0	-15.271000	-8.201782	-1.245728
197	1	0	-13.459273	-7.653345	-2.199690
198	8	0	-15.905270	-8.334271	-4.305914
199	7	0	-13.804802	-9.197139	-4.109595
200	6	0	-16.780421	-8.143751	-1.334177
201	1	0	-14.944557	-9.274494	-1.161776
202	1	0	-14.938822	-7.680863	-0.305329
203	1	0	-12.898648	-9.130732	-3.644358
204	6	0	-13.920137	-10.037314	-5.292292
205	6	0	-17.400060	-8.758909	-0.096219
206	1	0	-17.127292	-7.080335	-1.442036
207	1	0	-17.124838	-8.691919	-2.252254
208	1	0	-13.096723	-10.756953	-5.293726
209	1	0	-14.871980	-10.577685	-5.281681
210	1	0	-13.876402	-9.446236	-6.216836
211	6	0	-18.922391	-8.781182	-0.217186
212	1	0	-17.017218	-9.803651	0.044171
213	1	0	-17.094706	-8.167281	0.806803

214	7	0	-19.583104	-9.311651	0.952705
215	1	0	-19.268160	-7.733998	-0.471103
216	1	0	-19.204724	-9.442540	-1.086812
217	1	0	-19.264738	-8.853830	1.783538
218	1	0	-20.573296	-9.192059	0.873420
219	8	0	-11.206056	-2.557216	-0.788142
220	6	0	-9.978433	-2.465481	-0.652530
221	6	0	-9.377157	-1.444413	0.346151
222	7	0	-9.080308	-3.192470	-1.358122
223	7	0	-9.763001	-0.099184	-0.117497
224	6	0	-9.885122	-1.784666	1.746164
225	1	0	-8.283444	-1.491233	0.334769
226	1	0	-8.083853	-3.090560	-1.146468
227	6	0	-9.485564	-4.185441	-2.348159
228	6	0	-8.850913	0.858410	-0.387960
229	1	0	-10.761541	0.132402	-0.163094
230	6	0	-9.472894	-3.202100	2.095812
231	6	0	-9.351732	-0.805520	2.783231
232	1	0	-11.013284	-1.729571	1.739342
233	6	0	-9.006390	-5.574346	-1.891415
234	6	0	-8.859710	-3.893348	-3.729365
235	1	0	-10.574319	-4.159897	-2.415211
236	6	0	-9.430153	2.246768	-0.762917
237	8	0	-7.620571	0.696196	-0.326599
238	1	0	-9.793130	-3.446278	3.137129
239	1	0	-9.953457	-3.931633	1.399393
240	1	0	-8.363722	-3.318245	2.026473
241	1	0	-8.255946	-0.994694	2.940513
242	1	0	-9.452744	0.245518	2.402562
243	8	0	-7.805063	-5.765474	-1.636022
244	7	0	-9.954525	-6.537044	-1.821337
245	1	0	-7.771615	-3.978360	-3.675735
246	1	0	-9.230529	-4.638575	-4.444493
247	7	0	-8.922349	3.201444	0.237095
248	6	0	-9.029061	2.577254	-2.198879
249	1	0	-10.522596	2.240759	-0.683563
250	1	0	-10.935589	-6.296683	-1.992416
251	6	0	-9.596003	-7.897038	-1.400207
252	6	0	-9.742157	3.916173	1.041887
253	1	0	-7.910819	3.331779	0.315701
254	6	0	-9.616050	3.911809	-2.639738
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256	1	0	-7.903024	2.638274	-2.252868

257	6	0	-10.080116	-8.935348	-2.436394
258	6	0	-10.075345	-8.287244	-0.017316
259	1	0	-8.500566	-7.919832	-1.371802
260	6	0	-9.035318	4.857264	2.036920
261	8	0	-10.979029	3.841249	1.020189
262	6	0	-8.968649	4.432028	-3.898237
263	1	0	-10.721260	3.793007	-2.801694
264	1	0	-9.483045	4.676802	-1.828990
265	1	0	-9.271590	1.717324	-4.179214
266	1	0	-8.974002	0.506254	-2.867396
267	1	0	-10.597704	1.303383	-3.012400
268	8	0	-11.243414	-8.958379	-2.865536
269	7	0	-9.132914	-9.821070	-2.813539
270	6	0	-11.568181	-8.187458	0.203267
271	1	0	-9.740590	-9.344350	0.170691
272	1	0	-9.548506	-7.635718	0.734423
273	6	0	-9.363940	4.459481	3.490032
274	7	0	-9.472636	6.226064	1.770672
275	1	0	-7.956461	4.824067	1.873425
276	1	0	-9.366191	5.447633	-4.140236
277	1	0	-7.861055	4.508199	-3.770349
278	1	0	-9.175671	3.761234	-4.766562
279	1	0	-8.178768	-9.701194	-2.471394
280	6	0	-9.420202	-10.890981	-3.757474
281	6	0	-11.918134	-8.687415	1.590137
282	1	0	-11.907565	-7.124362	0.083433
283	1	0	-12.107890	-8.792230	-0.574650
284	6	0	-8.830116	3.063306	3.865189
285	1	0	-8.920074	5.214699	4.150221
286	1	0	-10.448469	4.488947	3.637702
287	6	0	-8.608530	7.218740	1.471564
288	1	0	-10.474238	6.437907	1.841207
289	1	0	-8.577113	-11.587099	-3.767240
290	1	0	-10.326739	-11.429794	-3.461889
291	1	0	-9.571655	-10.502674	-4.772942
292	6	0	-13.418715	-8.561780	1.842814
293	1	0	-11.603771	-9.758975	1.697155
294	1	0	-11.347082	-8.097497	2.355946
295	6	0	-9.218673	2.692671	5.292514
296	1	0	-9.279490	2.304469	3.212215
297	1	0	-7.743018	3.019622	3.739152
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300	7	0	-13.819757	-9.042550	3.143490
301	1	0	-13.713203	-7.482428	1.670003
302	1	0	-13.966863	-9.178754	1.072442
303	7	0	-8.194325	2.529693	6.163349
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306	6	0	-9.008870	9.028694	-0.196616
307	1	0	-10.320328	8.577949	1.449495
308	1	0	-13.310104	-8.582622	3.870869
309	1	0	-14.799078	-8.893626	3.282344
310	1	0	-7.217589	2.654578	5.893294
311	1	0	-8.427325	2.306833	7.121925
312	6	0	-9.409798	10.221745	3.132208
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320	1	0	-9.222286	7.018087	-1.009490
321	1	0	-10.768686	7.962965	-0.909437
322	1	0	-9.465428	10.656668	-1.552746
323	1	0	-10.620408	10.487955	-0.164568
324	1	0	-8.968230	11.186998	0.104008
325	1	0	-9.035354	12.121078	4.037396
326	1	0	-8.806673	10.740385	5.114656
327	1	0	-7.559320	11.115252	3.886642
328	1	0	12.410303	4.325463	4.186048
329	7	0	11.458875	4.283700	4.551647
330	6	0	10.381551	4.077768	3.757586
331	1	0	11.293751	4.414817	5.540896
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333	8	0	9.225365	4.024367	4.202440
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335	1	0	10.232152	2.953773	1.971043
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337	6	0	10.230407	4.895943	-0.065890
338	1	0	10.465693	6.015239	1.751165
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343	6	0	10.519802	6.884670	-1.488270
344	1	0	8.714427	6.273714	-0.717751
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346	7	0	10.296680	2.690412	-1.126734
347	6	0	9.819806	8.098550	-2.144663
348	8	0	11.746681	6.722307	-1.610506
349	1	0	11.304829	2.853616	-1.174265
350	6	0	9.768801	1.424121	-1.663158
351	7	0	10.452055	9.313724	-1.612460
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353	1	0	8.763535	8.131545	-1.855399
354	6	0	10.383137	0.285414	-0.808060
355	6	0	10.114332	1.179597	-3.130410
356	1	0	8.680117	1.447249	-1.544437
357	1	0	11.452576	9.449639	-1.768991
358	6	0	9.745682	10.281410	-0.973358
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366	1	0	11.237420	1.200640	-3.244011
367	6	0	10.564883	11.463646	-0.477488
368	8	0	8.520743	10.228144	-0.780055
369	1	0	9.235721	6.597231	-5.210841
370	1	0	9.722434	5.781799	-3.668295
371	1	0	8.150855	6.685603	-3.759535
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375	1	0	8.494473	-0.280298	-0.226055
376	6	0	9.914659	-1.549600	0.786248
377	6	0	10.082050	2.228901	-5.418845
378	1	0	8.396217	2.112663	-4.068425
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380	1	0	9.812839	-0.372213	-4.620639
381	1	0	10.134068	-0.990264	-2.950395
382	1	0	8.514002	-0.280568	-3.357391
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386	6	0	9.286668	-2.874038	0.280999
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388	1	0	11.007714	-1.601306	0.751703
389	1	0	9.678299	3.085093	-6.012257
390	1	0	11.195923	2.313777	-5.390933
391	1	0	9.815682	1.282781	-5.948640
392	8	0	8.056370	-3.005175	0.238089
393	7	0	10.167405	-3.820772	-0.122066
394	6	0	9.912713	-2.496688	3.080727
395	6	0	10.007797	-0.019541	2.786283
396	1	0	8.332274	-1.283781	2.244146
397	1	0	11.169127	-3.646434	-0.007778
398	6	0	9.741986	-5.124554	-0.623133
399	1	0	9.621284	-2.327286	4.145160
400	1	0	9.433257	-3.443303	2.731262
401	1	0	11.022258	-2.617089	3.028985
402	1	0	11.117209	-0.114899	2.932098
403	1	0	9.841652	0.807491	2.045932
404	6	0	10.268446	-6.218429	0.322859
405	6	0	10.307089	-5.399392	-2.034236
406	1	0	8.651378	-5.128772	-0.646930
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408	7	0	9.342219	-7.054558	0.844258
409	1	0	11.398367	-5.448950	-2.000578
410	1	0	9.928684	-6.370228	-2.378397
411	1	0	8.348120	-6.887318	0.659157
412	6	0	9.751580	-8.136142	1.748056
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415	1	0	10.842288	-8.195693	1.662259
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421	1	0	11.040064	-10.278521	1.456074
422	6	0	9.684159	-11.861376	0.936237
423	6	0	7.848259	-7.504191	5.057613
424	1	0	7.658077	-6.688967	3.054655
425	1	0	7.358496	-8.464527	3.165082
426	1	0	10.489421	-12.536948	1.237620
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428	1	0	9.511669	-11.974700	-0.141963

429	6	0	6.393732	-7.229228	5.431483
430	1	0	8.193694	-8.448388	5.555811
431	1	0	8.505766	-6.674084	5.431730
432	7	0	6.189806	-7.097307	6.853904
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435	1	0	6.720884	-6.336592	7.226647
436	1	0	5.220238	-6.955913	7.054974
437	6	0	-18.847304	-1.301297	-5.007140
438	6	0	-14.038210	-1.903372	-4.547262
439	6	0	-9.267725	-2.518311	-4.253060
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443	7	0	10.829297	-3.709598	-3.710030
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445	1	0	-7.273135	-1.976314	-4.456875
446	1	0	-8.477601	-0.768635	-4.915534
447	1	0	-12.043428	-1.323843	-4.615848
448	1	0	-13.247390	-0.075803	-4.949228
449	1	0	-16.870559	-0.642559	-4.961492
450	1	0	-18.105853	0.581551	-5.250700
451	7	0	-17.841613	-0.387090	-5.127142
452	7	0	-13.015253	-1.038980	-4.742815
453	7	0	-8.246959	-1.700807	-4.595962
454	8	0	-20.040369	-1.022794	-5.118812
455	8	0	-15.227641	-1.577415	-4.657312
456	8	0	-10.458425	-2.193690	-4.362574
457	6	0	-19.665865	-1.740739	3.561305
458	1	0	-20.708044	-1.349968	3.466245
459	1	0	-19.719632	-2.842022	3.737851
460	1	0	-19.192857	-1.264444	4.454278
461	6	0	-14.876660	-1.471403	3.941262
462	1	0	-14.515774	-0.801823	4.759504
463	1	0	-15.974342	-1.305971	3.810649
464	1	0	-14.717011	-2.529258	4.260631
465	6	0	-10.082839	-0.904707	4.098401
466	1	0	-11.188980	-0.882368	3.940415
467	1	0	-9.823947	-1.849406	4.633908
468	1	0	-9.808587	-0.039846	4.753288
469	6	0	9.351265	0.370720	4.086671
470	1	0	8.239567	0.285212	4.010905
471	1	0	9.696759	-0.280840	4.924738

472	1	0	9.601580	1.432611	4.336950
473	1	0	-2.306636	3.105608	5.637501
474	7	0	-3.279751	2.975896	5.918815
475	6	0	-4.305919	3.022947	5.037307
476	1	0	-3.506252	2.821095	6.892275
477	6	0	-3.929259	3.291859	3.584571
478	8	0	-5.487488	2.862894	5.379446
479	6	0	-4.505602	4.637304	3.102864
480	1	0	-4.355492	2.471267	2.994027
481	1	0	-2.841501	3.271502	3.459271
482	6	0	-4.204589	4.917906	1.616198
483	1	0	-4.074243	5.456021	3.691628
484	1	0	-5.588831	4.651168	3.262351
485	7	0	-4.661886	6.254312	1.242324
486	6	0	-4.914226	3.888060	0.715471
487	1	0	-3.127912	4.884094	1.439218
488	6	0	-3.812369	7.222558	0.837831
489	1	0	-5.664846	6.461259	1.306874
490	8	0	-6.150707	3.801121	0.717637
491	7	0	-4.098701	3.114476	-0.036840
492	6	0	-4.463312	8.590310	0.518345
493	8	0	-2.582382	7.074339	0.737471
494	1	0	-3.086917	3.253824	0.023716
495	6	0	-4.610307	2.070960	-0.941653
496	7	0	-3.855131	9.589255	1.408938
497	6	0	-4.273577	8.880123	-0.968482
498	1	0	-5.534672	8.565063	0.746401
499	6	0	-4.034390	0.722858	-0.436943
500	6	0	-4.209963	2.262238	-2.402811
501	1	0	-5.702662	2.075843	-0.861210
502	1	0	-2.846865	9.746963	1.348173
503	6	0	-4.588295	10.330090	2.278307
504	6	0	-4.959305	7.804531	-1.789284
505	6	0	-4.828595	10.240109	-1.338705
506	1	0	-3.168644	8.861537	-1.200743
507	8	0	-2.804135	0.558719	-0.376339
508	7	0	-4.947941	-0.195079	-0.057513
509	6	0	-4.779086	3.558882	-2.963727
510	6	0	-4.696766	1.074090	-3.211109
511	1	0	-3.083365	2.301454	-2.464682
512	6	0	-3.790442	11.296377	3.141190
513	8	0	-5.821274	10.239078	2.395118
514	1	0	-4.866163	8.038078	-2.877175



515	1	0	-4.492802	6.806703	-1.602143
516	1	0	-6.044706	7.745097	-1.529516
517	1	0	-4.778993	10.383743	-2.445391
518	1	0	-5.895115	10.327644	-1.017029
519	1	0	-4.241960	11.056564	-0.854134
520	1	0	-5.945775	0.035740	-0.117606
521	6	0	-4.564186	-1.491517	0.528799
522	6	0	-4.143848	3.941489	-4.276598
523	1	0	-5.888861	3.447484	-3.096986
524	1	0	-4.617899	4.396464	-2.233869
525	1	0	-4.461938	1.220652	-4.292641
526	1	0	-4.195273	0.135794	-2.868655
527	1	0	-5.801578	0.948582	-3.099821
528	1	0	-4.221846	12.296562	3.030317
529	1	0	-3.909481	11.001133	4.189517
530	1	0	-2.729185	11.314869	2.881473
531	6	0	-5.171077	-2.601331	-0.366459
532	6	0	-5.068977	-1.699334	1.955964
533	1	0	-3.470673	-1.542732	0.518860
534	1	0	-4.524611	4.937972	-4.608506
535	1	0	-3.032812	4.004897	-4.174518
536	1	0	-4.380617	3.195792	-5.073251
537	8	0	-6.398321	-2.686448	-0.508827
538	7	0	-4.276708	-3.414984	-0.976019
539	6	0	-4.641772	-3.071709	2.440899
540	6	0	-4.546974	-0.617986	2.892048
541	1	0	-6.197720	-1.656221	1.945210
542	1	0	-3.280133	-3.298290	-0.772131
543	6	0	-4.686489	-4.511363	-1.848629
544	1	0	-4.962694	-3.218728	3.500114
545	1	0	-5.111436	-3.870592	1.817055
546	1	0	-3.531085	-3.180863	2.385246
547	1	0	-3.441992	-0.756307	3.037036
548	1	0	-4.695136	0.391437	2.424187
549	6	0	-4.200656	-5.839820	-1.242758
550	6	0	-4.070495	-4.376408	-3.259041
551	1	0	-5.775525	-4.493556	-1.911020
552	8	0	-2.993686	-6.006219	-0.997137
553	7	0	-5.148983	-6.782694	-1.034991
554	1	0	-2.981142	-4.439105	-3.202130
555	1	0	-4.434380	-5.206322	-3.877817
556	1	0	-6.133412	-6.555185	-1.205148
557	6	0	-4.779283	-8.088747	-0.477162

558	6	0	-5.313287	-9.238536	-1.360769
559	6	0	-5.184573	-8.315362	0.964740
560	1	0	-3.683786	-8.119166	-0.500012
561	8	0	-6.491953	-9.300098	-1.744135
562	6	0	-6.654649	-8.136152	1.272343
563	1	0	-4.871471	-9.359293	1.242932
564	1	0	-4.588611	-7.610176	1.609437
565	6	0	-4.714146	-11.358741	-2.437861
566	6	0	-6.914869	-8.470215	2.727874
567	1	0	-6.969167	-7.079668	1.061572
568	1	0	-7.268699	-8.798513	0.604046
569	1	0	-3.891775	-12.074728	-2.356520
570	1	0	-5.631636	-11.823033	-2.061626
571	1	0	-4.865952	-11.112331	-3.496760
572	6	0	-8.383715	-8.251340	3.082465
573	1	0	-6.632988	-9.537585	2.927628
574	1	0	-6.261832	-7.829302	3.379434
575	7	0	-8.682419	-8.534649	4.465967
576	1	0	-8.662049	-7.194078	2.788031
577	1	0	-9.016072	-8.944370	2.453472
578	1	0	-8.127632	-7.971001	5.078022
579	1	0	-9.651324	-8.370161	4.652454
580	6	0	-4.502883	-3.079846	-3.938547
581	1	0	-2.520091	-2.508437	-4.168637
582	1	0	-3.746080	-1.386838	-4.768141
583	7	0	-3.498558	-2.269659	-4.339832
584	8	0	-5.699993	-2.807383	-4.109367
585	6	0	-5.244310	-0.625993	4.229174
586	1	0	-6.352675	-0.683095	4.098523
587	1	0	-4.918845	-1.495459	4.849128
588	1	0	-5.008823	0.315130	4.787459
589	1	0	-3.420078	-10.023376	-1.364533
590	7	0	-4.386878	-10.177148	-1.653493
591	1	0	2.603656	3.528653	5.284626
592	7	0	1.634716	3.434487	5.593148
593	6	0	0.593295	3.412898	4.728910
594	1	0	1.424816	3.369934	6.580448
595	6	0	0.946049	3.543174	3.251298
596	8	0	-0.583281	3.296242	5.104346
597	6	0	0.341512	4.825167	2.646753
598	1	0	0.526638	2.660776	2.751453
599	1	0	2.032161	3.526028	3.112284
600	6	0	0.614691	4.958420	1.134638

601	1	0	0.770370	5.704795	3.142149
602	1	0	-0.738817	4.840951	2.824448
603	7	0	0.141862	6.248321	0.637638
604	6	0	-0.100674	3.840120	0.352295
605	1	0	1.688613	4.914346	0.944174
606	6	0	0.979651	7.176651	0.127812
607	1	0	-0.861273	6.455626	0.695433
608	8	0	-1.336914	3.751718	0.377062
609	7	0	0.709150	2.995172	-0.324609
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611	8	0	2.208959	7.024074	0.024500
612	1	0	1.720748	3.145324	-0.293649
613	6	0	0.192487	1.866432	-1.117874
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615	6	0	0.476995	8.642041	-1.827111
616	1	0	-0.752594	8.494784	-0.067349
617	6	0	0.774083	0.574887	-0.486498
618	6	0	0.581813	1.912908	-2.593803
619	1	0	-0.899355	1.877400	-1.031025
620	1	0	1.934704	9.749665	0.362904
621	6	0	0.204235	10.413337	1.258403
622	6	0	-0.214642	7.485297	-2.523121
623	6	0	-0.094447	9.954579	-2.322515
624	1	0	1.577911	8.606481	-2.075763
625	8	0	2.004946	0.420615	-0.414158
626	7	0	-0.135249	-0.304278	-0.015946
627	6	0	0.008357	3.148588	-3.274937
628	6	0	0.088258	0.651374	-3.277091
629	1	0	1.707865	1.944826	-2.667979
630	6	0	1.007908	11.469023	2.003001
631	8	0	-1.025907	10.327192	1.404638
632	1	0	-0.145189	7.610422	-3.630485
633	1	0	0.264877	6.514445	-2.247785
634	1	0	-1.294075	7.443956	-2.236418
635	1	0	-0.064998	9.986144	-3.438752
636	1	0	-1.155876	10.068056	-1.992238
637	1	0	0.494356	10.819092	-1.933302
638	1	0	-1.133822	-0.083267	-0.096633
639	6	0	0.253003	-1.533210	0.698889
640	6	0	0.626461	3.396042	-4.627755
641	1	0	-1.103233	3.027754	-3.382203
642	1	0	0.180651	4.054630	-2.634917
643	1	0	0.318588	0.687902	-4.368840

644	1	0	0.588896	-0.249171	-2.844140
645	1	0	-1.016373	0.541004	-3.148842
646	1	0	0.562205	12.448642	1.802264
647	1	0	0.913972	11.279067	3.077954
648	1	0	2.063510	11.472081	1.720503
649	6	0	-0.361425	-2.728289	-0.072795
650	6	0	-0.241889	-1.590402	2.143293
651	1	0	1.346479	-1.586109	0.686759
652	1	0	0.240970	4.354372	-5.053423
653	1	0	1.738667	3.468526	-4.547181
654	1	0	0.379528	2.574149	-5.342097
655	8	0	-1.590156	-2.829077	-0.190588
656	7	0	0.528047	-3.596949	-0.609017
657	6	0	0.176058	-2.910711	2.762363
658	6	0	0.297930	-0.425342	2.961485
659	1	0	-1.370283	-1.537668	2.136132
660	1	0	1.526829	-3.458120	-0.431263
661	6	0	0.112743	-4.770981	-1.371329
662	1	0	-0.134886	-2.944427	3.834162
663	1	0	-0.308870	-3.763764	2.228314
664	1	0	1.284792	-3.037991	2.707700
665	1	0	1.399309	-0.568923	3.127513
666	1	0	0.172832	0.531246	2.387894
667	6	0	0.613045	-6.035329	-0.651195
668	6	0	0.711848	-4.760855	-2.795535
669	1	0	-0.977055	-4.763659	-1.421421
670	8	0	1.825264	-6.176656	-0.415967
671	7	0	-0.328595	-6.953439	-0.332069
672	1	0	1.802121	-4.813780	-2.745654
673	1	0	0.345753	-5.644196	-3.333833
674	1	0	-1.316537	-6.745594	-0.506231
675	6	0	0.057167	-8.199131	0.341080
676	6	0	-0.503539	-9.429733	-0.407178
677	6	0	-0.301313	-8.280550	1.810520
678	1	0	1.151338	-8.235095	0.287532
679	8	0	-1.692453	-9.526639	-0.750199
680	7	0	0.414870	-10.395510	-0.629292
681	6	0	-1.762711	-8.080848	2.144995
682	1	0	0.030107	-9.289305	2.182069
683	1	0	0.307648	-7.510537	2.362141
684	1	0	1.387856	-10.217243	-0.378143
685	6	0	0.067672	-11.648148	-1.284225
686	6	0	-1.976342	-8.279111	3.632571

687	1	0	-2.091508	-7.050305	1.846345
688	1	0	-2.390838	-8.806145	1.560267
689	1	0	0.899889	-12.347972	-1.170070
690	1	0	-0.829038	-12.081675	-0.829003
691	1	0	-0.129408	-11.503025	-2.354208
692	6	0	-3.440348	-8.060509	4.006391
693	1	0	-1.662762	-9.315969	3.924964
694	1	0	-1.323055	-7.564155	4.201479
695	7	0	-3.698651	-8.236924	5.415286
696	1	0	-3.748396	-7.035992	3.635330
697	1	0	-4.072596	-8.813972	3.450946
698	1	0	-3.155350	-7.602385	5.964853
699	1	0	-4.669735	-8.097663	5.610685
700	6	0	0.265882	-3.532105	-3.583440
701	1	0	2.243281	-2.982169	-3.900077
702	1	0	1.004069	-1.925227	-4.582967
703	7	0	1.261311	-2.762676	-4.076257
704	8	0	-0.934424	-3.276708	-3.758086
705	6	0	-0.405580	-0.277841	4.287218
706	1	0	-1.514427	-0.320993	4.154905
707	1	0	-0.105255	-1.086615	4.995689
708	1	0	-0.149241	0.709760	4.747410
709	1	0	7.509095	3.933392	4.806779
710	7	0	6.547330	3.859588	5.141316
711	6	0	5.490339	3.746815	4.303423
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713	6	0	5.814118	3.739688	2.813362
714	8	0	4.322149	3.656699	4.710719
715	6	0	5.190714	4.957756	2.104955
716	1	0	5.389863	2.813381	2.405573
717	1	0	6.897393	3.713557	2.654507
718	6	0	5.429249	4.950271	0.580953
719	1	0	5.626132	5.881077	2.506148
720	1	0	4.114675	4.987222	2.305534
721	7	0	4.939079	6.186127	-0.024113
722	6	0	4.704311	3.761243	-0.077752
723	1	0	6.498952	4.891850	0.371908
724	6	0	5.762002	7.065972	-0.634182
725	1	0	3.935546	6.392739	0.028417
726	8	0	3.468447	3.678800	-0.030631
727	7	0	5.505493	2.850426	-0.674910
728	6	0	5.080428	8.337499	-1.194429
729	8	0	6.990801	6.909958	-0.741850

730	1	0	6.517251	3.001051	-0.671904
731	6	0	4.979717	1.648006	-1.343741
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733	6	0	5.213286	8.324923	-2.715509
734	1	0	4.018061	8.349111	-0.926659
735	6	0	5.577108	0.426737	-0.597958
736	6	0	5.343925	1.549168	-2.823573
737	1	0	3.889604	1.665010	-1.238513
738	1	0	6.705645	9.648429	-0.665945
739	6	0	4.980590	10.408897	0.160865
740	6	0	4.513616	7.102399	-3.278299
741	6	0	4.626534	9.579677	-3.328731
742	1	0	6.309346	8.267571	-2.980829
743	8	0	6.809601	0.281686	-0.533783
744	7	0	4.678594	-0.401522	-0.025768
745	6	0	4.759636	2.713221	-3.613022
746	6	0	4.838369	0.227861	-3.371834
747	1	0	6.468573	1.571571	-2.919445
748	6	0	5.786784	11.544441	0.773358
749	8	0	3.751562	10.339393	0.323315
750	1	0	4.557488	7.117951	-4.393906
751	1	0	5.005245	6.165372	-2.919791
752	1	0	3.441120	7.085158	-2.964224
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754	1	0	3.571814	9.724139	-2.989134
755	1	0	5.219958	10.480113	-3.041251
756	1	0	3.678309	-0.189478	-0.109631
757	6	0	5.080241	-1.556292	0.797450
758	6	0	5.354374	2.825401	-4.993990
759	1	0	3.646380	2.584515	-3.689055
760	1	0	4.942936	3.677519	-3.068309
761	1	0	5.052260	0.156151	-4.465199
762	1	0	5.343702	-0.627685	-2.860226
763	1	0	3.735572	0.134019	-3.217140
764	1	0	5.359266	12.493725	0.434148
765	1	0	5.670395	11.502363	1.861797
766	1	0	6.846732	11.498422	0.511840
767	6	0	4.458234	-2.820809	0.151823
768	6	0	4.604754	-1.476896	2.247253
769	1	0	6.173668	-1.608032	0.774933
770	1	0	4.960300	3.737045	-5.505691
771	1	0	6.467662	2.905237	-4.940060
772	1	0	5.096461	1.936992	-5.619271

773	8	0	3.228135	-2.939761	0.072384
774	7	0	5.342901	-3.728527	-0.324435
775	6	0	5.043353	-2.727316	2.985594
776	6	0	5.143212	-0.233221	2.941064
777	1	0	3.475871	-1.434414	2.250548
778	1	0	6.343732	-3.570296	-0.178417
779	6	0	4.921229	-4.970765	-0.965762
780	1	0	4.735992	-2.664545	4.057133
781	1	0	4.569153	-3.633525	2.536175
782	1	0	6.153573	-2.843700	2.938565
783	1	0	6.250642	-0.343650	3.091267
784	1	0	4.986616	0.664137	2.285333
785	6	0	5.436832	-6.158855	-0.134823
786	6	0	5.500537	-5.094955	-2.392055
787	1	0	3.830889	-4.970679	-1.000095
788	8	0	6.653840	-6.275156	0.090178
789	7	0	4.503004	-7.040247	0.291372
790	1	0	6.591283	-5.147509	-2.352978
791	1	0	5.125867	-6.023805	-2.840509
792	1	0	3.511676	-6.851187	0.114632
793	6	0	4.902076	-8.212629	1.079170
794	6	0	4.325970	-9.511757	0.470763
795	6	0	4.574872	-8.143540	2.556498
796	1	0	5.994771	-8.256895	1.007560
797	8	0	3.130860	-9.641687	0.161883
798	7	0	5.240334	-10.496363	0.328551
799	6	0	3.120167	-7.913136	2.899804
800	1	0	4.917956	-9.108305	3.022317
801	1	0	5.192293	-7.320099	3.013521
802	1	0	6.217002	-10.295465	0.545179
803	6	0	4.879400	-11.807718	-0.190209
804	6	0	2.939466	-7.952814	4.404300
805	1	0	2.779884	-6.921039	2.500730
806	1	0	2.483467	-8.698208	2.409056
807	1	0	5.734188	-12.479318	-0.074342
808	1	0	4.025860	-12.218180	0.360209
809	1	0	4.608179	-11.758511	-1.252357
810	6	0	1.480565	-7.711490	4.783911
811	1	0	3.272527	-8.948799	4.799324
812	1	0	3.594412	-7.173648	4.879177
813	7	0	1.252692	-7.742867	6.208567
814	1	0	1.152673	-6.734349	4.314926
815	1	0	0.847075	-8.525170	4.322724

816	1	0	1.792604	-7.043642	6.676890
817	1	0	0.282697	-7.603043	6.408797
818	6	0	5.047599	-3.944149	-3.286557
819	1	0	7.022349	-3.457280	-3.708967
820	1	0	5.777490	-2.458865	-4.464101
821	7	0	6.038677	-3.245220	-3.883037
822	8	0	3.846653	-3.688065	-3.453768
823	6	0	4.469233	0.025341	4.265156
824	1	0	3.358711	-0.051621	4.166598
825	1	0	4.804278	-0.706827	5.038412
826	1	0	4.715375	1.056797	4.623468
827	1	0	17.297165	4.652000	3.421980
828	7	0	16.351613	4.639924	3.798613
829	6	0	15.263731	4.366563	3.037641
830	1	0	16.199915	4.852288	4.775914
831	6	0	15.529578	4.076151	1.564203
832	8	0	14.114935	4.350884	3.501072
833	6	0	14.840365	5.115659	0.659415
834	1	0	15.120488	3.077430	1.365414
835	1	0	16.606191	4.042634	1.363754
836	6	0	15.016589	4.813544	-0.843284
837	1	0	15.260311	6.110407	0.851993
838	1	0	13.772980	5.158069	0.898986
839	7	0	14.470781	5.900792	-1.652087
840	6	0	14.295346	3.504097	-1.219623
841	1	0	16.077927	4.734400	-1.085794
842	6	0	15.235662	6.628880	-2.493306
843	1	0	13.469810	6.115360	-1.574156
844	8	0	13.064624	3.418265	-1.113927
845	7	0	15.094328	2.496219	-1.641652
846	6	0	14.503128	7.767294	-3.245946
847	8	0	16.453958	6.438849	-2.664975
848	1	0	16.100690	2.656142	-1.707606
849	6	0	14.566641	1.179220	-2.042575
850	7	0	15.146619	9.040692	-2.888832
851	6	0	14.529608	7.449363	-4.738652
852	1	0	13.462005	7.832728	-2.910732
853	6	0	15.192848	0.130724	-1.086310
854	6	0	14.897261	0.788420	-3.481041
855	1	0	13.479056	1.213069	-1.916077
856	1	0	16.117291	9.196603	-3.162291
857	6	0	14.462179	10.058386	-2.300275
858	6	0	13.801215	6.143440	-4.993894



859	6	0	13.894666	8.559529	-5.550343
860	1	0	15.605052	7.330575	-5.061827
861	8	0	16.428280	-0.000919	-1.033045
862	7	0	14.314974	-0.567927	-0.336152
863	6	0	14.289106	1.769411	-4.474836
864	6	0	14.388290	-0.616675	-3.744016
865	1	0	16.019296	0.793392	-3.604780
866	6	0	15.276105	11.308730	-2.004843
867	8	0	13.261216	9.993446	-1.998432
868	1	0	13.763460	5.936122	-6.090409
869	1	0	14.326887	5.294139	-4.493093
870	1	0	12.754667	6.195063	-4.604818
871	1	0	13.820339	8.253230	-6.622086
872	1	0	12.866643	8.781476	-5.172925
873	1	0	14.503996	9.493078	-5.496405
874	1	0	13.311241	-0.371359	-0.424369
875	6	0	14.746820	-1.530299	0.692858
876	6	0	14.864904	1.609517	-5.859302
877	1	0	13.176291	1.619755	-4.506253
878	1	0	14.469418	2.823877	-4.134952
879	1	0	14.570383	-0.899405	-4.808604
880	1	0	14.916155	-1.354662	-3.091510
881	1	0	13.291430	-0.682348	-3.540633
882	1	0	14.755629	12.168788	-2.438010
883	1	0	15.302391	11.454335	-0.919272
884	1	0	16.295068	11.254453	-2.395002
885	6	0	14.114659	-2.902278	0.341536
886	6	0	14.315007	-1.156605	2.110223
887	1	0	15.839154	-1.584175	0.646516
888	1	0	14.466256	2.406907	-6.532625
889	1	0	15.979218	1.691908	-5.836347
890	1	0	14.595886	0.618267	-6.297345
891	8	0	12.885258	-3.038044	0.327831
892	7	0	14.991847	-3.889756	0.037110
893	6	0	14.820931	-2.208285	3.079207
894	6	0	14.827604	0.221656	2.504566
895	1	0	13.185803	-1.145956	2.147107
896	1	0	15.993080	-3.697904	0.102539
897	6	0	14.564706	-5.240460	-0.316629
898	1	0	14.517681	-1.943921	4.120808
899	1	0	14.390375	-3.208898	2.831688
900	1	0	15.935375	-2.278081	3.039086
901	1	0	15.946852	0.189992	2.590018

902	1	0	14.576779	0.962536	1.699498
903	6	0	15.104632	-6.231996	0.730859
904	6	0	15.118299	-5.664219	-1.695013
905	1	0	13.473794	-5.248773	-0.327670
906	8	0	16.329909	-6.307088	0.936928
907	7	0	14.184733	-7.000738	1.355352
908	1	0	16.209019	-5.723631	-1.657624
909	1	0	14.728824	-6.661353	-1.935541
910	1	0	13.187655	-6.850855	1.168372
911	6	0	14.606117	-8.000807	2.344428
912	6	0	13.992655	-9.383700	2.022122
913	6	0	14.336970	-7.639255	3.790676
914	1	0	15.693871	-8.076083	2.240930
915	8	0	12.784873	-9.549363	1.793912
916	7	0	14.888951	-10.395098	2.030565
917	6	0	12.898983	-7.312796	4.126192
918	1	0	14.678580	-8.504815	4.422849
919	1	0	14.985273	-6.759638	4.062717
920	1	0	15.873898	-10.175271	2.168993
921	6	0	14.489908	-11.774372	1.785889
922	6	0	12.763517	-7.065488	5.615228
923	1	0	12.564719	-6.404928	3.557640
924	1	0	12.232641	-8.160463	3.809200
925	1	0	15.363335	-12.420140	1.907984
926	1	0	13.714687	-12.086979	2.494449
927	1	0	14.095140	-11.899961	0.770495
928	6	0	11.317853	-6.735219	5.979577
929	1	0	13.096986	-7.974269	6.182589
930	1	0	13.440512	-6.221770	5.916942
931	7	0	11.133345	-6.483073	7.388098
932	1	0	10.982964	-5.865756	5.336043
933	1	0	10.665780	-7.615678	5.704168
934	1	0	11.670184	-5.694982	7.688470
935	1	0	10.166788	-6.324471	7.590538
936	6	0	14.665464	-4.719133	-2.804322
937	1	0	16.639725	-4.356568	-3.340924
938	1	0	15.402665	-3.526994	-4.279386
939	7	0	15.659285	-4.171365	-3.542530
940	8	0	13.467657	-4.486449	-3.010618
941	6	0	14.228467	0.711593	3.798991
942	1	0	13.120668	0.564658	3.803509
943	1	0	14.658307	0.167923	4.674181
944	1	0	14.435242	1.804466	3.924989

945	1	0	22.203693	5.093090	2.571093
946	7	0	21.281067	5.061562	2.978632
947	6	0	20.189693	4.661347	2.266125
948	1	0	21.151345	5.383983	3.928828
949	6	0	20.443616	4.227168	0.826991
950	8	0	19.059054	4.652499	2.758933
951	6	0	19.714771	5.154576	-0.165142
952	1	0	20.058823	3.203163	0.742189
953	1	0	21.517678	4.195883	0.605591
954	6	0	19.825730	4.687047	-1.632716
955	1	0	20.134205	6.165804	-0.107641
956	1	0	18.657056	5.218916	0.109171
957	7	0	19.211255	5.650561	-2.534442
958	6	0	19.112761	3.338551	-1.824697
959	1	0	20.880850	4.618719	-1.917471
960	6	0	19.959620	6.459436	-3.329933
961	1	0	18.191856	5.762108	-2.522821
962	8	0	17.886714	3.259869	-1.683907
963	7	0	19.900514	2.282998	-2.142236
964	6	0	19.142136	7.411300	-4.237251
965	8	0	21.195577	6.467989	-3.346201
966	1	0	20.903608	2.407317	-2.206270
967	6	0	19.381165	0.916043	-2.333428
968	7	0	19.792012	8.726103	-4.162810
969	6	0	19.072948	6.819279	-5.643191
970	1	0	18.122752	7.528062	-3.854640
971	6	0	20.028767	0.032173	-1.232162
972	6	0	19.703047	0.331118	-3.705834
973	1	0	18.294604	0.964791	-2.203900
974	1	0	20.801506	8.730004	-4.244079
975	6	0	19.135522	9.861395	-3.805339
976	6	0	18.310036	5.508007	-5.604367
977	6	0	18.403347	7.776638	-6.608507
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979	8	0	21.254109	0.020936	-1.074168
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981	6	0	18.995174	1.105469	-4.811261
982	6	0	19.292735	-1.129049	-3.736361
983	1	0	20.816461	0.392364	-3.875580
984	6	0	19.995658	11.110531	-3.684600
985	8	0	17.916609	9.902206	-3.588932
986	1	0	18.065301	5.177070	-6.642466
987	1	0	18.921063	4.708528	-5.120206

988	1	0	17.356037	5.624163	-5.031053
989	1	0	18.257259	7.280257	-7.598601
990	1	0	17.405379	8.092519	-6.217920
991	1	0	19.027784	8.687985	-6.766542
992	1	0	18.135377	-0.535396	-0.623996
993	6	0	19.573823	-1.523475	0.636309
994	6	0	19.610576	0.854587	-6.164676
995	1	0	17.910121	0.815421	-4.827914
996	1	0	19.035118	2.207071	-4.599833
997	1	0	19.406223	-1.539594	-4.768499
998	1	0	19.936344	-1.728282	-3.047195
999	1	0	18.227034	-1.246082	-3.420721
1000	1	0	19.613926	11.864940	-4.379761
1001	1	0	19.889785	11.511485	-2.671589
1002	1	0	21.054979	10.932942	-3.893592
1003	6	0	18.944835	-2.917988	0.405359
1004	6	0	19.139666	-1.014802	2.009431
1005	1	0	20.669088	-1.559273	0.596507
1006	1	0	19.078249	1.454377	-6.942543
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1008	1	0	19.540196	-0.223476	-6.446919
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1010	7	0	19.813326	-3.957605	0.269166
1011	6	0	19.502310	-2.034941	3.071276
1012	6	0	19.782231	0.330330	2.323715
1013	1	0	18.016562	-0.890728	2.004054
1014	1	0	20.789251	-3.825159	0.511985
1015	6	0	19.373420	-5.337088	0.069210
1016	1	0	19.272959	-1.625568	4.084863
1017	1	0	18.912708	-2.973582	2.930846
1018	1	0	20.590126	-2.284264	3.029753
1019	1	0	20.851020	0.168412	2.625078
1020	1	0	19.796330	0.972217	1.402888
1021	6	0	19.918786	-6.191455	1.227772
1022	6	0	19.943962	-5.910900	-1.249770
1023	1	0	18.282701	-5.339199	0.044469
1024	8	0	21.119218	-6.124850	1.516696
1025	7	0	19.024788	-7.013093	1.838143
1026	1	0	21.033799	-5.988023	-1.169439
1027	1	0	19.544382	-6.921068	-1.397462
1028	1	0	18.025415	-6.919481	1.632708
1029	6	0	19.468973	-7.871701	2.938626
1030	6	0	18.799358	-9.262334	2.847497

1031	6	0	19.264892	-7.304999	4.332012
1032	1	0	20.553246	-7.981569	2.801074
1033	8	0	17.635004	-9.423480	2.464417
1034	7	0	19.581825	-10.291336	3.258925
1035	6	0	17.827687	-6.975736	4.672393
1036	1	0	19.660975	-8.054204	5.070044
1037	1	0	19.889818	-6.376597	4.436605
1038	1	0	20.540817	-10.097794	3.513237
1039	6	0	19.099030	-11.667067	3.326810
1040	6	0	17.708854	-6.597229	6.134052
1041	1	0	17.464936	-6.130028	4.029957
1042	1	0	17.170464	-7.859489	4.448045
1043	1	0	19.810566	-12.264527	3.902192
1044	1	0	18.124468	-11.698480	3.823364
1045	1	0	18.994855	-12.103010	2.326136
1046	6	0	16.256771	-6.283264	6.489965
1047	1	0	18.080882	-7.439206	6.775273
1048	1	0	18.356343	-5.705962	6.344756
1049	1	0	15.902787	-5.448086	5.812065
1050	1	0	15.619930	-7.185706	6.252550
1051	6	0	19.525584	-5.074037	-2.454819
1052	1	0	21.504448	-4.616603	-2.906023
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1054	7	0	20.539347	-4.539514	-3.191306
1055	8	0	18.341387	-4.901860	-2.749897
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1057	1	0	17.953734	1.116655	3.195021
1058	1	0	19.185534	0.565186	4.402169
1059	1	0	19.431778	2.116290	3.494666
1060	7	0	16.071122	-5.980179	7.887772
1061	1	0	16.630042	-5.200026	8.168058
1062	1	0	15.108408	-5.788350	8.079038

P PI (Ac-VQIINK-NHMe)<sub>10</sub>

1	6	0	-20.945441	9.979485	6.200256
2	6	0	-21.597714	9.345937	4.977738
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6	8	0	-22.798571	9.058618	4.952939
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8	1	0	-19.756515	9.348685	4.015393
9	6	0	-21.223056	8.478560	2.701000
10	6	0	-20.652236	7.039995	2.679992
11	6	0	-20.803654	9.182181	1.414873
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14	7	0	-21.550983	6.037974	2.809079
15	6	0	-21.447395	8.495546	0.225466
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17	1	0	-19.681318	9.098770	1.313737
18	1	0	-22.539419	6.258134	2.848005
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20	1	0	-21.106095	8.978101	-0.721891
21	1	0	-21.165128	7.414916	0.192354
22	1	0	-22.560159	8.572415	0.279625
23	1	0	-21.001214	11.099862	0.426869
24	1	0	-22.260990	10.774235	1.689413
25	1	0	-20.569648	11.207081	2.181247
26	6	0	-21.862327	3.931186	1.634950
27	6	0	-21.615866	3.972729	4.166160
28	1	0	-20.097312	4.578839	2.730798
29	8	0	-23.071341	4.067477	1.427959
30	7	0	-21.030502	3.164188	0.874890
31	6	0	-21.081712	2.540189	4.341097
32	1	0	-21.238626	4.604613	4.980200
33	1	0	-22.709002	3.961396	4.237660
34	1	0	-20.022397	3.216511	1.033551
35	6	0	-21.502192	2.462634	-0.326723
36	6	0	-21.539319	1.950619	5.677962
37	1	0	-21.484648	1.891859	3.553182
38	1	0	-19.988902	2.521308	4.260497
39	6	0	-20.898811	1.038281	-0.279211
40	6	0	-21.095889	3.124765	-1.643706
41	1	0	-22.596962	2.440551	-0.267862

42	8	0	-22.731571	1.874969	5.982304
43	7	0	-20.535652	1.511213	6.492438
44	8	0	-19.677541	0.886444	-0.132227
45	7	0	-21.773885	0.011500	-0.390613
46	6	0	-21.826058	4.449281	-1.830068
47	6	0	-21.384531	2.193907	-2.804828
48	1	0	-19.983963	3.320761	-1.616999
49	1	0	-20.805116	1.160543	7.401561
50	1	0	-19.550376	1.654884	6.279827
51	1	0	-22.759426	0.202286	-0.529711
52	6	0	-21.363712	-1.407144	-0.390346
53	6	0	-21.102078	5.361332	-2.787569
54	1	0	-22.863393	4.248247	-2.208655
55	1	0	-21.937086	4.971425	-0.842026
56	1	0	-21.223517	2.726926	-3.773262
57	1	0	-20.702089	1.309134	-2.775250
58	1	0	-22.441096	1.832457	-2.776649
59	6	0	-21.951473	-2.034805	-1.683549
60	6	0	-21.870952	-2.198152	0.812022
61	1	0	-20.269818	-1.422494	-0.400550
62	1	0	-21.644709	6.333788	-2.874207
63	1	0	-20.063664	5.567104	-2.429319
64	1	0	-21.036848	4.904391	-3.804547
65	8	0	-23.170177	-2.050951	-1.870889
66	7	0	-21.020642	-2.499435	-2.562752
67	6	0	-21.503927	-3.659849	0.631719
68	6	0	-21.291015	-1.663546	2.115348
69	1	0	-22.995077	-2.113969	0.851384
70	1	0	-20.036696	-2.491690	-2.289250
71	6	0	-21.386823	-3.093080	-3.836169
72	1	0	-21.780438	-4.239504	1.544750
73	1	0	-22.050475	-4.094478	-0.240411
74	1	0	-20.405818	-3.770901	0.456586
75	1	0	-20.232687	-2.023780	2.223777
76	1	0	-21.251704	-0.542226	2.092794
77	6	0	-20.951376	-4.566793	-3.895523
78	6	0	-20.701825	-2.385424	-5.029692
79	1	0	-22.471962	-2.994475	-3.932377
80	8	0	-19.876465	-4.943982	-3.404735
81	7	0	-21.790574	-5.386557	-4.576179
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83	1	0	-20.991797	-2.898183	-5.955492
84	1	0	-22.587138	-4.979267	-5.054515

85	6	0	-21.399423	-6.731933	-5.016861
86	6	0	-21.249280	-6.714371	-6.562747
87	6	0	-22.373598	-7.822920	-4.619776
88	1	0	-20.432489	-6.948002	-4.546284
89	8	0	-22.053451	-6.102187	-7.272417
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92	1	0	-22.013373	-8.781935	-5.081528
93	1	0	-22.336471	-7.955569	-3.504098
94	1	0	-19.495696	-7.752608	-6.359076
95	6	0	-19.903809	-7.530227	-8.449385
96	6	0	-24.658605	-8.793341	-4.853092
97	1	0	-24.229223	-6.714279	-4.439881
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113	6	0	-15.962939	10.632031	5.452260
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115	1	0	-14.912325	9.358374	3.508325
116	1	0	-16.353141	11.654506	5.482903
117	1	0	-16.184379	10.166553	6.419161
118	1	0	-14.882570	10.646733	5.288791
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122	7	0	-16.726910	5.993443	2.554064
123	8	0	-14.618951	6.880327	2.413821
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127	1	0	-17.732088	6.195159	2.573078



128	6	0	-16.296084	4.600076	2.664931
129	1	0	-16.718493	8.570698	-1.089964
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131	1	0	-17.942059	8.001121	0.123308
132	1	0	-16.623891	10.769097	-0.208271
133	1	0	-17.804769	10.465086	1.134820
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135	6	0	-16.996980	3.783852	1.561592
136	6	0	-16.638879	4.030031	4.055958
137	1	0	-15.215693	4.584253	2.509389
138	8	0	-18.232176	3.689726	1.539917
139	7	0	-16.171881	3.194170	0.664328
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175	7	0	-16.234169	-2.835089	-2.003483
176	6	0	-16.665878	-3.541694	1.295035
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329	7	0	8.977313	4.169997	4.882221
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337	6	0	7.804717	4.969063	0.275075
338	1	0	8.016066	6.015945	2.137906
339	1	0	6.509910	5.100004	2.009670
340	7	0	7.298359	6.163153	-0.397341
341	6	0	7.082035	3.737632	-0.303131
342	1	0	8.872384	4.905549	0.057523

343	6	0	8.109142	7.012598	-1.064630
344	1	0	6.294503	6.367152	-0.344827
345	8	0	5.847480	3.648125	-0.234601
346	7	0	7.883261	2.800596	-0.858068
347	6	0	7.413339	8.245249	-1.690283
348	8	0	9.337903	6.859159	-1.173998
349	1	0	8.893888	2.958370	-0.874739
350	6	0	7.360207	1.556508	-1.448210
351	7	0	8.031766	9.445958	-1.110991
352	6	0	7.534763	8.148290	-3.209256
353	1	0	6.352961	8.264821	-1.415112
354	6	0	7.971026	0.386060	-0.634845
355	6	0	7.715098	1.370262	-2.921897
356	1	0	6.270847	1.573622	-1.335913
357	1	0	9.034113	9.592104	-1.248460
358	6	0	7.310322	10.389414	-0.453057
359	6	0	6.841496	6.890421	-3.697063
360	6	0	6.932467	9.361770	-3.887067
361	1	0	8.629232	8.085118	-3.479824
362	8	0	9.204812	0.253225	-0.572229
363	7	0	7.082561	-0.412700	-0.007680
364	6	0	7.118128	2.480870	-3.776192
365	6	0	7.214570	0.015161	-3.385778
366	1	0	8.838932	1.393652	-3.026904
367	6	0	8.115324	11.560705	0.089850
368	8	0	6.082680	10.323457	-0.278862
369	1	0	6.878689	6.842782	-4.812009
370	1	0	7.342614	5.979073	-3.288930
371	1	0	5.771036	6.883050	-3.375832
372	1	0	6.931777	9.218710	-4.994933
373	1	0	5.878794	9.515714	-3.548394
374	1	0	7.519564	10.281966	-3.654409
375	1	0	6.080412	-0.211146	-0.094118
376	6	0	7.497865	-1.514137	0.879571
377	6	0	7.701450	2.511603	-5.166218
378	1	0	6.005082	2.341892	-3.835072
379	1	0	7.300284	3.477577	-3.292913
380	1	0	7.421249	-0.120899	-4.474419
381	1	0	7.729154	-0.805034	-2.827589
382	1	0	6.113562	-0.076112	-3.217600
383	1	0	7.680414	12.488116	-0.297067
384	1	0	8.008182	11.577473	1.179922
385	1	0	9.173450	11.505453	-0.177480

386	6	0	6.880131	-2.818973	0.314543
387	6	0	7.031651	-1.352530	2.325575
388	1	0	8.591441	-1.559832	0.852047
389	1	0	7.299589	3.389229	-5.728805
390	1	0	8.814792	2.598612	-5.126235
391	1	0	7.442290	1.586142	-5.734657
392	8	0	5.650149	-2.952852	0.256788
393	7	0	7.767442	-3.744340	-0.120971
394	6	0	7.492221	-2.550036	3.134845
395	6	0	7.557912	-0.062023	2.938480
396	1	0	5.902349	-1.324417	2.335062
397	1	0	8.768309	-3.570567	0.006123
398	6	0	7.349433	-5.024834	-0.684568
399	1	0	7.185681	-2.429562	4.201671
400	1	0	7.032475	-3.488801	2.740649
401	1	0	8.604146	-2.650635	3.091747
402	1	0	8.668996	-0.145313	3.078792
403	1	0	7.376703	0.793057	2.234351
404	6	0	7.873273	-6.160629	0.212018
405	6	0	7.924509	-5.232947	-2.102853
406	1	0	6.259073	-5.031175	-0.715088
407	8	0	9.090752	-6.253818	0.444803
408	7	0	6.946439	-7.026769	0.682544
409	1	0	9.015543	-5.279930	-2.064703
410	1	0	7.551658	-6.188559	-2.492885
411	1	0	5.953623	-6.854779	0.497287
412	6	0	7.354463	-8.153345	1.530267
413	6	0	6.788204	-9.487472	0.991942
414	6	0	7.027517	-8.009437	3.002282
415	1	0	8.447487	-8.193220	1.460640
416	8	0	5.595071	-9.642123	0.686515
417	7	0	7.709699	-10.472321	0.908724
418	6	0	5.570777	-7.775808	3.334456
419	1	0	7.380567	-8.944705	3.518144
420	1	0	7.636927	-7.156869	3.414461
421	1	0	8.684505	-10.251685	1.114267
422	6	0	7.360199	-11.813829	0.464539
423	6	0	5.391426	-7.737059	4.839135
424	1	0	5.220133	-6.809958	2.883344
425	1	0	4.941911	-8.592434	2.887007
426	1	0	8.211798	-12.476235	0.641167
427	1	0	6.494640	-12.189050	1.020982
428	1	0	7.112506	-11.832026	-0.604425

429	6	0	3.929914	-7.493530	5.206954
430	1	0	5.736831	-8.706353	5.286519
431	1	0	6.037038	-6.925662	5.270844
432	7	0	3.702628	-7.453081	6.631457
433	1	0	3.590313	-6.546209	4.687775
434	1	0	3.306062	-8.337749	4.789542
435	1	0	4.237078	-6.726422	7.062815
436	1	0	2.731598	-7.310913	6.824839
437	6	0	-21.162570	-0.930856	-5.163547
438	6	0	-16.362866	-1.616365	-4.730822
439	6	0	-11.599706	-2.257929	-4.425560
440	6	0	7.464639	-4.140137	-3.063831
441	1	0	9.436024	-3.675031	-3.524072
442	1	0	8.185073	-2.726599	-4.331937
443	7	0	8.450931	-3.476092	-3.706025
444	8	0	6.262045	-3.897776	-3.240351
445	1	0	-9.603213	-1.704356	-4.567529
446	1	0	-10.802283	-0.471016	-4.969050
447	1	0	-14.366795	-1.037785	-4.737836
448	1	0	-15.565471	0.232393	-4.999728
449	1	0	-19.177812	-0.301308	-5.073493
450	1	0	-20.399726	0.956676	-5.253163
451	7	0	-20.146127	-0.021938	-5.215692
452	7	0	-15.336850	-0.742843	-4.855631
453	7	0	-10.575228	-1.421028	-4.704129
454	8	0	-22.352651	-0.629291	-5.242115
455	8	0	-17.550686	-1.281728	-4.833196
456	8	0	-12.789209	-1.927228	-4.530704
457	6	0	-22.100056	-2.092159	3.313355
458	1	0	-23.148629	-1.714508	3.237573
459	1	0	-22.133972	-3.204942	3.399359
460	1	0	-21.646192	-1.681374	4.247849
461	6	0	-17.314351	-1.767631	3.761925
462	1	0	-16.985124	-1.137546	4.623870
463	1	0	-18.415132	-1.628822	3.626560
464	1	0	-17.124577	-2.837359	4.019193
465	6	0	-12.519311	-1.186160	4.004183
466	1	0	-13.625376	-1.217128	3.847553
467	1	0	-12.206087	-2.143633	4.485204
468	1	0	-12.291936	-0.345504	4.707214
469	6	0	6.897527	0.262100	4.254992
470	1	0	5.787411	0.159485	4.177587
471	1	0	7.256907	-0.417046	5.064848



472	1	0	7.129347	1.317141	4.548370
473	1	0	-4.741027	2.863655	5.807170
474	7	0	-5.714414	2.712573	6.077394
475	6	0	-6.734623	2.781961	5.191067
476	1	0	-5.944710	2.506845	7.040458
477	6	0	-6.353257	3.123282	3.755050
478	8	0	-7.915844	2.586909	5.516543
479	6	0	-6.932592	4.489243	3.337903
480	1	0	-6.774642	2.331365	3.123350
481	1	0	-5.264983	3.113355	3.633382
482	6	0	-6.632590	4.842637	1.867106
483	1	0	-6.503385	5.279880	3.965338
484	1	0	-8.015930	4.492746	3.497414
485	7	0	-7.100306	6.192288	1.558887
486	6	0	-7.334416	3.853905	0.916022
487	1	0	-5.555714	4.824915	1.689098
488	6	0	-6.259000	7.186146	1.201676
489	1	0	-8.104503	6.387887	1.635613
490	8	0	-8.570297	3.757243	0.914407
491	7	0	-6.513719	3.126798	0.124382
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493	8	0	-5.028052	7.053714	1.094205
494	1	0	-5.502780	3.269640	0.192291
495	6	0	-7.018248	2.127386	-0.832522
496	7	0	-6.314793	9.525347	1.876278
497	6	0	-6.746598	8.917883	-0.526602
498	1	0	-7.991704	8.518282	1.182172
499	6	0	-6.439970	0.757823	-0.392245
500	6	0	-6.612172	2.391756	-2.280611
501	1	0	-8.110850	2.124618	-0.756096
502	1	0	-5.307717	9.691239	1.817109
503	6	0	-7.047366	10.222115	2.781827
504	6	0	-7.427765	7.872280	-1.388891
505	6	0	-7.318273	10.286907	-0.832735
506	1	0	-5.643376	8.921078	-0.767359
507	8	0	-5.209704	0.595709	-0.331433
508	7	0	-7.352251	-0.181349	-0.065467
509	6	0	-7.182185	3.713154	-2.779394
510	6	0	-7.092147	1.243832	-3.148882
511	1	0	-5.485399	2.436903	-2.335379
512	6	0	-6.250768	11.158367	3.678378
513	8	0	-8.278775	10.115528	2.903634
514	1	0	-7.349728	8.156811	-2.465781

515	1	0	-6.946545	6.873142	-1.253067
516	1	0	-8.509328	7.786629	-1.120639
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521	6	0	-6.968050	-1.504030	0.458789
522	6	0	-6.542478	4.161258	-4.069192
523	1	0	-8.291134	3.606090	-2.922554
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525	1	0	-6.854350	1.445033	-4.220940
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528	1	0	-6.685055	12.160791	3.604540
529	1	0	-6.367234	10.824981	4.715449
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531	6	0	-7.560553	-2.569252	-0.498182
532	6	0	-7.487273	-1.786048	1.867908
533	1	0	-5.874213	-1.549936	0.457926
534	1	0	-6.922846	5.172818	-4.352357
535	1	0	-5.431870	4.220196	-3.959936
536	1	0	-6.775689	3.456113	-4.902954
537	8	0	-8.786360	-2.655108	-0.653306
538	7	0	-6.656725	-3.342576	-1.144749
539	6	0	-7.051830	-3.176454	2.290103
540	6	0	-6.987623	-0.746923	2.862171
541	1	0	-8.616225	-1.753248	1.845492
542	1	0	-5.662491	-3.232027	-0.926133
543	6	0	-7.054035	-4.391049	-2.079513
544	1	0	-7.388744	-3.380714	3.334754
545	1	0	-7.501265	-3.947745	1.618470
546	1	0	-5.939142	-3.270254	2.248316
547	1	0	-5.881756	-0.876672	3.008272
548	1	0	-7.147703	0.282990	2.445673
549	6	0	-6.573427	-5.750240	-1.541222
550	6	0	-6.421423	-4.179947	-3.472716
551	1	0	-8.142276	-4.371550	-2.153565
552	8	0	-5.370348	-5.927780	-1.285533
553	7	0	-7.522370	-6.705439	-1.403304
554	1	0	-5.332948	-4.247667	-3.406581
555	1	0	-6.778470	-4.974094	-4.140580
556	1	0	-8.504229	-6.470428	-1.577197
557	6	0	-7.158947	-8.040707	-0.914550

558	6	0	-7.668352	-9.137979	-1.876193
559	6	0	-7.594104	-8.352208	0.502459
560	1	0	-6.063012	-8.066214	-0.915305
561	8	0	-8.840142	-9.185799	-2.282298
562	6	0	-9.071072	-8.194989	0.788229
563	1	0	-7.283028	-9.409775	0.725989
564	1	0	-7.014734	-7.684246	1.199778
565	6	0	-7.032108	-11.176969	-3.079811
566	6	0	-9.361097	-8.614722	2.215678
567	1	0	-9.384812	-7.128665	0.633175
568	1	0	-9.668301	-8.818355	0.069117
569	1	0	-6.179312	-11.861051	-3.076896
570	1	0	-7.919051	-11.709328	-2.719644
571	1	0	-7.224338	-10.853790	-4.110892
572	6	0	-10.836972	-8.415549	2.552170
573	1	0	-9.083283	-9.692368	2.357379
574	1	0	-8.721637	-8.014409	2.917438
575	7	0	-11.164487	-8.778515	3.910359
576	1	0	-11.109454	-7.342742	2.313909
577	1	0	-11.456082	-9.070432	1.871279
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579	1	0	-12.134894	-8.614080	4.088920
580	6	0	-6.843143	-2.847305	-4.086364
581	1	0	-4.855927	-2.278103	-4.280153
582	1	0	-6.072862	-1.120596	-4.828542
583	7	0	-5.832199	-2.026153	-4.446274
584	8	0	-8.037909	-2.557493	-4.245478
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586	1	0	-8.800304	-0.902201	4.049631
587	1	0	-7.358386	-1.727652	4.769809
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589	1	0	-5.768245	-9.907178	-1.896383
590	7	0	-6.728162	-10.047183	-2.213902
591	1	0	0.150036	3.358405	5.492731
592	7	0	-0.820678	3.240149	5.788042
593	6	0	-1.853047	3.239171	4.913467
594	1	0	-1.039151	3.131527	6.769585
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597	6	0	-2.097162	4.740460	2.894877
598	1	0	-1.900786	2.574506	2.904493
599	1	0	-0.402516	3.430874	3.314974
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605	1	0	-0.741675	4.913503	1.204386
606	6	0	-1.462104	7.203181	0.478557
607	1	0	-3.299247	6.450640	1.018200
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611	8	0	-0.232490	7.060808	0.367846
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615	6	0	-1.970859	8.749746	-1.411549
616	1	0	-3.200895	8.520282	0.339181
617	6	0	-1.631507	0.635136	-0.417529
618	6	0	-1.812503	2.060976	-2.467042
619	1	0	-3.304884	1.955452	-0.918065
620	1	0	-0.519612	9.767288	0.825466
621	6	0	-2.253290	10.380330	1.751417
622	6	0	-2.653895	7.619691	-2.158067
623	6	0	-2.551015	10.078594	-1.850081
624	1	0	-0.869513	8.732480	-1.660225
625	8	0	-0.400864	0.482617	-0.341493
626	7	0	-2.541065	-0.267733	0.005271
627	6	0	-2.387859	3.321027	-3.100268
628	6	0	-2.293582	0.826541	-3.206381
629	1	0	-0.686101	2.101990	-2.531174
630	6	0	-1.453890	11.404618	2.543017
631	8	0	-3.482913	10.280646	1.894687
632	1	0	-2.582417	7.792377	-3.258889
633	1	0	-2.169257	6.640801	-1.923074
634	1	0	-3.733748	7.559859	-1.876418
635	1	0	-2.519470	10.159431	-2.963775
636	1	0	-3.613943	10.169581	-1.517702
637	1	0	-1.969505	10.929449	-1.421788
638	1	0	-3.539801	-0.046917	-0.072890
639	6	0	-2.153344	-1.526768	0.665997
640	6	0	-1.757944	3.630293	-4.434809
641	1	0	-3.497468	3.197700	-3.223894
642	1	0	-2.228205	4.199834	-2.420245
643	1	0	-2.058830	0.911870	-4.294465

644	1	0	-1.787925	-0.088112	-2.810372
645	1	0	-3.397855	0.702491	-3.088146
646	1	0	-1.904554	12.390335	2.388377
647	1	0	-1.544910	11.164611	3.608164
648	1	0	-0.398748	11.425830	2.259389
649	6	0	-2.754803	-2.687608	-0.165951
650	6	0	-2.661128	-1.653469	2.101529
651	1	0	-1.059585	-1.574408	0.661543
652	1	0	-2.145752	4.603435	-4.823099
653	1	0	-0.647129	3.706492	-4.339598
654	1	0	-1.991854	2.838122	-5.186153
655	8	0	-3.981998	-2.786919	-0.301730
656	7	0	-1.856730	-3.528154	-0.731644
657	6	0	-2.236441	-2.996686	2.664157
658	6	0	-2.140154	-0.521780	2.976798
659	1	0	-3.789842	-1.610421	2.085765
660	1	0	-0.860271	-3.394536	-0.536908
661	6	0	-2.260938	-4.667322	-1.550482
662	1	0	-2.558243	-3.082542	3.729815
663	1	0	-2.707026	-3.828982	2.086352
664	1	0	-1.125938	-3.110670	2.615781
665	1	0	-1.038188	-0.660220	3.143244
666	1	0	-2.273291	0.459128	2.447802
667	6	0	-1.767793	-5.963662	-0.884262
668	6	0	-1.645134	-4.594525	-2.965886
669	1	0	-3.350012	-4.658311	-1.613648
670	8	0	-0.559854	-6.111753	-0.632670
671	7	0	-2.710092	-6.902420	-0.633386
672	1	0	-0.555428	-4.647362	-2.905925
673	1	0	-2.003200	-5.454748	-3.545469
674	1	0	-3.695926	-6.689651	-0.812869
675	6	0	-2.329361	-8.181576	-0.023264
676	6	0	-2.869053	-9.371638	-0.848562
677	6	0	-2.714067	-8.346642	1.432500
678	1	0	-1.234099	-8.209081	-0.058348
679	8	0	-4.050895	-9.454901	-1.218774
680	7	0	-1.940962	-10.319737	-1.104601
681	6	0	-4.182292	-8.171555	1.750612
682	1	0	-2.384497	-9.373269	1.753217
683	1	0	-2.118980	-7.606283	2.037314
684	1	0	-0.973314	-10.149817	-0.827944
685	6	0	-2.268394	-11.538475	-1.829831
686	6	0	-4.422012	-8.454120	3.220500

687	1	0	-4.510435	-7.127036	1.504373
688	1	0	-4.796316	-8.865028	1.114586
689	1	0	-1.447425	-12.250891	-1.711574
690	1	0	-3.187221	-11.981855	-1.432351
691	1	0	-2.418031	-11.344779	-2.899946
692	6	0	-5.892691	-8.257587	3.580051
693	1	0	-4.112166	-9.505765	3.459051
694	1	0	-3.779862	-7.772383	3.840589
695	7	0	-6.175990	-8.512728	4.972028
696	1	0	-6.195704	-7.214090	3.261474
697	1	0	-6.514050	-8.979195	2.972489
698	1	0	-5.636247	-7.916462	5.566198
699	1	0	-7.148878	-8.375040	5.159414
700	6	0	-2.085288	-3.334176	-3.705411
701	1	0	-0.106328	-2.764551	-3.969341
702	1	0	-1.340348	-1.681005	-4.620776
703	7	0	-1.086753	-2.539821	-4.149232
704	8	0	-3.284490	-3.076082	-3.885214
705	6	0	-2.853362	-0.444372	4.303311
706	1	0	-3.960730	-0.495651	4.161895
707	1	0	-2.546662	-1.280922	4.975896
708	1	0	-2.612578	0.524249	4.809912
709	1	0	5.044506	3.796342	5.075119
710	7	0	4.078546	3.709891	5.395658
711	6	0	3.031570	3.634416	4.541932
712	1	0	3.876457	3.693497	6.386574
713	6	0	3.371546	3.690710	3.056730
714	8	0	1.858610	3.527201	4.931870
715	6	0	2.746577	4.931884	2.390832
716	1	0	2.959065	2.778462	2.607114
717	1	0	4.456563	3.678700	2.909447
718	6	0	2.997542	4.983972	0.869796
719	1	0	3.173543	5.841488	2.830602
720	1	0	1.668775	4.947648	2.583464
721	7	0	2.506828	6.239956	0.307937
722	6	0	2.282878	3.818313	0.160224
723	1	0	4.069146	4.938155	0.667460
724	6	0	3.331105	7.144826	-0.263329
725	1	0	1.502173	6.439906	0.359670
726	8	0	1.046727	3.729293	0.194672
727	7	0	3.092263	2.934506	-0.465102
728	6	0	2.648297	8.433760	-0.781599
729	8	0	4.560903	6.997836	-0.367287

730	1	0	4.103486	3.090304	-0.450030
731	6	0	2.575979	1.758252	-1.185935
732	7	0	3.259613	9.574090	-0.084440
733	6	0	2.793244	8.478031	-2.300930
734	1	0	1.583841	8.431683	-0.521914
735	6	0	3.170226	0.509195	-0.484577
736	6	0	2.953604	1.719589	-2.665250
737	1	0	1.484918	1.768188	-1.090383
738	1	0	4.263571	9.732317	-0.195032
739	6	0	2.530773	10.448388	0.655534
740	6	0	2.105977	7.272777	-2.914004
741	6	0	2.203053	9.750826	-2.872256
742	1	0	3.891714	8.437296	-2.559282
743	8	0	4.402361	0.367502	-0.411556
744	7	0	2.269715	-0.347441	0.041002
745	6	0	2.374855	2.913864	-3.412481
746	6	0	2.454893	0.420904	-3.270752
747	1	0	4.079070	1.746977	-2.749801
748	6	0	3.328974	11.561897	1.317166
749	8	0	1.301528	10.364876	0.811588
750	1	0	2.158208	7.329939	-4.027891
751	1	0	2.601203	6.326284	-2.586611
752	1	0	1.031321	7.237023	-2.609140
753	1	0	2.220087	9.711552	-3.988503
754	1	0	1.144192	9.875032	-2.537615
755	1	0	2.787157	10.643954	-2.545593
756	1	0	1.269519	-0.136460	-0.044527
757	6	0	2.668704	-1.533215	0.820106
758	6	0	2.979153	3.080036	-4.783834
759	1	0	1.262137	2.788722	-3.501199
760	1	0	2.554623	3.855960	-2.829089
761	1	0	2.680847	0.392321	-4.363666
762	1	0	2.955300	-0.453799	-2.787538
763	1	0	1.350557	0.320722	-3.131826
764	1	0	2.891432	12.521915	1.024224
765	1	0	3.217867	11.467981	2.402976
766	1	0	4.388365	11.537348	1.050275
767	6	0	2.058167	-2.771939	0.116625
768	6	0	2.179537	-1.514460	2.267398
769	1	0	3.762449	-1.580431	0.806251
770	1	0	2.590137	4.012213	-5.261262
771	1	0	4.092185	3.155479	-4.719223
772	1	0	2.723985	2.217876	-5.445899

773	8	0	0.829325	-2.886911	0.011630
774	7	0	2.950553	-3.661524	-0.378690
775	6	0	2.608605	-2.796231	2.955960
776	6	0	2.714484	-0.302919	3.018617
777	1	0	1.050810	-1.469437	2.261921
778	1	0	3.949234	-3.508624	-0.211392
779	6	0	2.538912	-4.874654	-1.079227
780	1	0	2.299954	-2.774269	4.028724
781	1	0	2.129221	-3.680522	2.469873
782	1	0	3.718155	-2.918019	2.905729
783	1	0	3.817510	-0.429769	3.187340
784	1	0	2.580320	0.620354	2.394672
785	6	0	3.048254	-6.099207	-0.299341
786	6	0	3.133756	-4.933624	-2.503966
787	1	0	1.448983	-4.875315	-1.125646
788	8	0	4.261455	-6.220093	-0.058743
789	7	0	2.113602	-7.008493	0.062779
790	1	0	4.224305	-4.981114	-2.455348
791	1	0	2.768962	-5.843914	-2.996388
792	1	0	1.124008	-6.815274	-0.117838
793	6	0	2.509009	-8.219493	0.791392
794	6	0	1.954196	-9.487058	0.102325
795	6	0	2.156491	-8.234986	2.264371
796	1	0	3.603235	-8.251373	0.736016
797	8	0	0.765638	-9.608075	-0.234809
798	7	0	2.879118	-10.455822	-0.076277
799	6	0	0.694759	-8.031576	2.594772
800	1	0	2.497535	-9.222505	2.681456
801	1	0	2.761084	-7.435124	2.776994
802	1	0	3.850613	-10.260538	0.167717
803	6	0	2.539003	-11.739596	-0.672128
804	6	0	0.488286	-8.159457	4.091033
805	1	0	0.356039	-7.019470	2.248008
806	1	0	0.070905	-8.789607	2.048231
807	1	0	3.393156	-12.413664	-0.566367
808	1	0	1.671919	-12.180098	-0.168130
809	1	0	2.297745	-11.636774	-1.737741
810	6	0	-0.976836	-7.939169	4.459167
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813	7	0	-1.229376	-8.052150	5.875556
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815	1	0	-1.602442	-8.724544	3.941597



816	1	0	-0.689664	-7.388572	6.393422
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818	6	0	2.682773	-3.747597	-3.352059
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822	8	0	1.481318	-3.497578	-3.527373
823	6	0	2.015247	-0.088501	4.337479
824	1	0	0.906228	-0.146479	4.212442
825	1	0	2.324098	-0.855620	5.087407
826	1	0	2.266425	0.924330	4.742296
827	1	0	14.824698	4.614560	3.845689
828	7	0	13.876838	4.589829	4.222126
829	6	0	12.793640	4.331320	3.451991
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831	6	0	13.066443	4.081069	1.972854
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833	6	0	12.404119	5.161808	1.096895
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835	1	0	14.144089	4.036206	1.781946
836	6	0	12.598194	4.911491	-0.412532
837	1	0	12.836014	6.142526	1.330569
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839	7	0	12.070039	6.029444	-1.190750
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844	8	0	10.644794	3.527852	-0.736421
845	7	0	12.672790	2.645525	-1.336823
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848	1	0	13.679364	2.812627	-1.402635
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854	6	0	12.492043	1.015020	-3.244299
855	1	0	11.062486	1.368944	-1.671503
856	1	0	13.770591	9.356303	-2.411502
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858	6	0	11.533792	6.442020	-4.550844

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860	1	0	13.322313	7.652591	-4.481412
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863	6	0	11.872774	2.027822	-4.198497
864	6	0	12.002836	-0.385205	-3.563689
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866	6	0	12.885723	11.427436	-1.213239
867	8	0	10.847719	10.161920	-1.417528
868	1	0	11.552537	6.291045	-5.657008
869	1	0	12.042804	5.572480	-4.067970
870	1	0	10.468796	6.465065	-4.212734
871	1	0	11.589538	8.644409	-6.054665
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873	1	0	12.203230	9.824393	-4.828212
874	1	0	10.894659	-0.275467	-0.245956
875	6	0	12.328849	-1.471676	0.832951
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877	1	0	10.760445	1.874189	-4.227089
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879	1	0	12.198689	-0.627333	-4.635794
880	1	0	12.534134	-1.139412	-2.932786
881	1	0	10.905086	-0.471473	-3.373490
882	1	0	12.429609	12.320536	-1.652557
883	1	0	12.820869	11.527337	-0.124247
884	1	0	13.933415	11.356552	-1.515759
885	6	0	11.706264	-2.828088	0.413928
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887	1	0	13.421881	-1.519767	0.794400
888	1	0	12.024120	2.737562	-6.234255
889	1	0	13.550924	2.016234	-5.576448
890	1	0	12.175367	0.943462	-6.062329
891	8	0	10.476522	-2.966577	0.378446
892	7	0	12.591091	-3.795526	0.074437
893	6	0	12.342502	-2.277799	3.180629
894	6	0	12.429659	0.177100	2.735887
895	1	0	10.754171	-1.121415	2.281338
896	1	0	13.592046	-3.608980	0.175976
897	6	0	12.171708	-5.130126	-0.342901
898	1	0	12.063195	-2.041472	4.235504
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900	1	0	13.451260	-2.403474	3.124203
901	1	0	13.539053	0.091134	2.887632

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903	6	0	12.705940	-6.160804	0.667375
904	6	0	12.735714	-5.489276	-1.735609
905	1	0	11.081068	-5.141873	-0.364294
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907	7	0	11.786160	-6.972803	1.236076
908	1	0	13.827476	-5.527485	-1.701724
909	1	0	12.364205	-6.482757	-2.016589
910	1	0	10.790845	-6.824078	1.042190
911	6	0	12.203831	-7.999150	2.198570
912	6	0	11.621424	-9.381679	1.824000
913	6	0	11.901216	-7.688307	3.650084
914	1	0	13.295135	-8.054033	2.116686
915	8	0	10.425566	-9.557506	1.542998
916	7	0	12.532108	-10.379651	1.859005
917	6	0	10.450200	-7.412081	3.974464
918	1	0	12.258990	-8.561419	4.262623
919	1	0	12.519554	-6.797934	3.955072
920	1	0	13.510531	-10.142896	2.023784
921	6	0	12.170107	-11.762605	1.584209
922	6	0	10.291999	-7.202349	5.467235
923	1	0	10.095515	-6.502097	3.421792
924	1	0	9.812816	-8.271486	3.631171
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926	1	0	11.248096	-12.023926	2.113060
927	1	0	12.009897	-11.934597	0.511869
928	6	0	8.834642	-6.920867	5.824782
929	1	0	10.646079	-8.113909	6.017433
930	1	0	10.941246	-6.346373	5.794573
931	7	0	8.627894	-6.713217	7.237708
932	1	0	8.483642	-6.042360	5.202449
933	1	0	8.209003	-7.810188	5.518386
934	1	0	9.154529	-5.930761	7.569499
935	1	0	7.657318	-6.566238	7.429650
936	6	0	12.262124	-4.507424	-2.803853
937	1	0	14.227460	-4.063335	-3.311508
938	1	0	12.965447	-3.221911	-4.211473
939	7	0	13.240391	-3.897032	-3.509466
940	8	0	11.056890	-4.301140	-3.003674
941	6	0	11.772923	0.648346	4.009065
942	1	0	10.661152	0.559654	3.938087
943	1	0	12.117070	0.049710	4.886247
944	1	0	12.024395	1.723442	4.193023

945	1	0	19.698898	4.925230	3.021368
946	7	0	18.755631	4.931073	3.404005
947	6	0	17.665256	4.602453	2.669151
948	1	0	18.608780	5.200884	4.367792
949	6	0	17.923915	4.223979	1.214508
950	8	0	16.519521	4.606525	3.140578
951	6	0	17.216895	5.198072	0.252488
952	1	0	17.525115	3.210273	1.080482
953	1	0	18.999347	4.189708	1.008261
954	6	0	17.380417	4.801951	-1.229703
955	1	0	17.630280	6.206389	0.376717
956	1	0	16.151747	5.247593	0.500406
957	7	0	16.818863	5.831716	-2.100380
958	6	0	16.664677	3.467142	-1.514332
959	1	0	18.439924	4.714158	-1.476964
960	6	0	17.573823	6.519920	-2.983278
961	1	0	15.815438	6.037871	-2.032998
962	8	0	15.435161	3.382147	-1.394862
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964	6	0	16.825627	7.601171	-3.801585
965	8	0	18.794399	6.335909	-3.144672
966	1	0	18.471466	2.598724	-1.958955
967	6	0	16.943527	1.094762	-2.183707
968	7	0	17.460226	8.900289	-3.532960
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971	6	0	17.582653	0.114793	-1.165226
972	6	0	17.265627	0.611726	-3.595806
973	1	0	15.856840	1.131446	-2.050613
974	1	0	18.429213	9.044581	-3.818550
975	6	0	16.769957	9.949275	-3.009948
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978	1	0	17.916763	7.057114	-5.595105
979	8	0	18.819084	-0.007022	-1.112861
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981	6	0	16.649582	1.524700	-4.647842
982	6	0	16.757596	-0.808280	-3.763221
983	1	0	18.386872	0.610359	-3.726759
984	6	0	17.574541	11.223039	-2.802270
985	8	0	15.570719	9.894800	-2.698841
986	1	0	16.073101	5.586482	-6.515465
987	1	0	16.665482	5.049564	-4.890217

988	1	0	15.082896	5.927463	-5.033769
989	1	0	16.111319	7.861733	-7.196104
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991	1	0	16.792777	9.177471	-6.158733
992	1	0	15.708616	-0.352250	-0.458576
993	6	0	17.157929	-1.426513	0.723813
994	6	0	17.216608	1.274664	-6.022566
995	1	0	15.536806	1.372233	-4.662063
996	1	0	16.830610	2.599434	-4.379357
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998	1	0	17.289473	-1.501258	-3.066140
999	1	0	15.661806	-0.861756	-3.550599
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1001	1	0	17.600034	11.443610	-1.729415
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1003	6	0	16.531567	-2.822185	0.467799
1004	6	0	16.733066	-0.963495	2.116693
1005	1	0	18.250240	-1.477456	0.673390
1006	1	0	16.812746	2.025860	-6.744169
1007	1	0	18.330960	1.359148	-6.012325
1008	1	0	16.945862	0.256617	-6.392842
1009	8	0	15.302812	-2.965033	0.470637
1010	7	0	17.412569	-3.822995	0.224952
1011	6	0	17.258096	-1.943014	3.149090
1012	6	0	17.233027	0.443355	2.414237
1013	1	0	15.604127	-0.962278	2.162247
1014	1	0	18.413010	-3.621621	0.271218
1015	6	0	16.991299	-5.195556	-0.041002
1016	1	0	16.956713	-1.615265	4.173070
1017	1	0	16.839816	-2.963215	2.970013
1018	1	0	18.373168	-2.000671	3.106867
1019	1	0	18.353684	0.430977	2.484734
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1021	6	0	17.541210	-6.116241	1.064345
1022	6	0	17.541676	-5.701067	-1.392648
1023	1	0	15.900422	-5.210706	-0.045710
1024	8	0	18.767513	-6.170513	1.270474
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1027	1	0	17.153167	-6.711409	-1.572159
1028	1	0	15.629619	-6.718374	1.545250
1029	6	0	17.057587	-7.784993	2.786063
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1129	1	0	23.262274	0.424176	2.504654
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1131	6	0	22.356878	-6.010181	1.545193
1132	6	0	22.375112	-5.904142	-0.945807
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1136	1	0	23.465756	-5.967484	-0.864662
1137	1	0	21.982207	-6.924977	-1.019201
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1139	6	0	21.918971	-7.572570	3.367638
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1142	1	0	23.004150	-7.682609	3.237514
1143	8	0	20.099727	-9.168349	2.990807
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1147	1	0	22.325002	-5.977269	4.762994
1148	1	0	23.003344	-9.746447	4.101286
1149	6	0	21.574125	-11.335963	4.007745
1150	6	0	20.146876	-6.105827	6.472705
1151	1	0	19.897303	-5.783640	4.342206
1152	1	0	19.621087	-7.484041	4.875892
1153	1	0	22.313717	-11.902977	4.578331
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1156	6	0	18.691585	-5.784820	6.808659
1157	1	0	20.528671	-6.898566	7.168621
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1174	1	0	19.711060	7.770860	-6.795321
1175	1	0	21.325598	8.343467	-7.389518
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