
Please answer the following questions.

Questions 1–3 are about probabilities, or the chance that something will happen.

Question 1.

Imagine that we flip a normal coin 1000 times. How many times would the coin come up heads in 1000 flips?

_____ time(s) out of 1000

Question 2.

In the Big Bucks Lottery, the chance of winning a \$10 prize is 1%. How many people would win a \$10 prize if 1000 people each buy a single ticket to the Big Bucks Lottery?

_____ person(s) out of 1000

Question 3.

In Acme Publishing Sweepstakes, the chance of winning a car is 1 in 1000. What percentage of tickets to Acme Publishing Sweepstakes wins a car?

_____ %

Questions 4 and 5 are about a test for prostate cancer.

PSA screening is a way of testing men for the chances of having prostate cancer. Imagine that a hypothetical study showed that on average, PSA screening reduces the risk of prostate cancer death by about 20%, from a baseline risk of 5 in 1000.

Question 4.

Imagine 1000 average men. Based on the study results and what you know about prostate cancer, how many will die of prostate cancer if **all of them** receive PSA screening?

_____ out of 1000

Question 5.

Imagine 1000 average men. Based on the study results and what you know about prostate cancer, how many will die of prostate cancer if **none of them** receives PSA screening?

_____ out of 1000

Please answer the following questions about yourself.

Age

_____ years old

Highest level of education that you completed

- Did not finish high school
 - Completed high school
 - Completed college
 - Completed graduate school
-

Race

- White/Caucasian
 - African-American
 - Hispanic/Latino
 - Asian/Pacific Islander
 - Other
-

Employment

- Employed
 Unemployed
 Retired

Yearly income (now or at time of retirement)

- Less than \$25,000
 \$25,000 to \$50,000
 \$50,000 to \$100,000
 More than \$100,000

Have you ever had a PSA (prostate-specific antigen) test?

- Yes No Not sure

Have you ever had prostate cancer?

- Yes No

Do you think every man should have a PSA test?

- Yes No No opinion

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Thank you for your participation.**

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