



Practice with Probability

Please choose the best answer to each of the following questions.

1. If the probability is .9 the event is
Probable
Certain
Nearly certain
Unlikely
2. Fractional probability should always be reduced to simplest terms.
True
False
3. Choose a phrase that can be used to assess relative probability
X is more likely than Y
X is better than Y
Neither of these

4. If I need to roll a 4 to win a game, what is the number that I would write as the desired outcome in the probability formula?

1

4

Neither of these

5. Six out of ten boys prefer football to baseball. If one boy is chosen at random, what is the probability that he prefers football?

$\frac{5}{2}$

$\frac{3}{5}$

$\frac{2}{5}$

None of these

6. Use words to state that there is a $\frac{3}{5}$ probability that we will eat pizza for lunch.

There is a 2 in 5 chance that we're having pizza.

There is a 3 in 5 chance that we're having pizza.

7. $\frac{4}{5}$ of students prefer English to Science. What percentage of students prefer English.
- 40%
 - 80%
 - 5%
 - None of these
8. Eight out of ten boys prefer baseball to football. If one boy is chosen at random what is the probability that he prefers baseball?
- .9
 - .8
 - Neither of these
9. What information is placed in the numerator of a probability of a probability formula?
- Desired outcomes
 - Possible outcomes
 - Neither of these
10. Two probabilities can be compared if they are both in fraction format.
- True
 - False