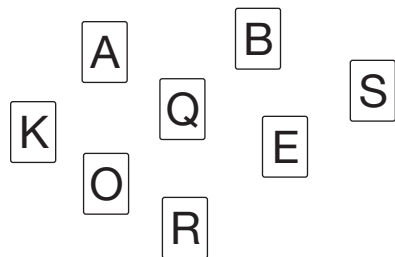


Lesson 1 Skills Practice

Probability of Simple Events

A card is randomly chosen. Find each probability. Write each answer as a fraction, a decimal, and a percent.



1. $P(B)$ $\frac{1}{8}$.125 12.5%

2. $P(Q \text{ or } R)$ $\frac{2}{8}$ $\frac{1}{4}$.25 25%

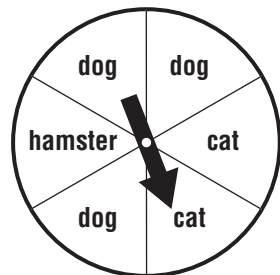
3. $P(\text{vowel})$ $\frac{3}{8}$.375 37.5%

4. $P(\text{consonant or vowel})$ $\frac{4}{8}$ $\frac{1}{2}$.5 50%

5. $P(\text{consonant or A})$ $\frac{2}{8}$ $\frac{1}{4}$.25 25%

6. $P(T)$ $\frac{0}{8}$.0 0%

The spinner shown is spun once. Write a sentence explaining how likely it is for each event to occur.



7. $P(\text{dog})$
 $\frac{3}{6}$ $\frac{1}{2}$.5 50%

8. $P(\text{hamster})$
 $\frac{1}{6}$ $\frac{1}{6}$ $\frac{1}{6}$ 16.67%

9. $P(\text{dog or cat})$
 $\frac{5}{6}$ $\frac{5}{6}$ $\frac{5}{6}$ 83.33%

10. $P(\text{bird})$
 $\frac{0}{6}$.0 0%

11. $P(\text{mammal})$
 $\frac{6}{6}$.1 100%

WEATHER The weather reporter says that there is a 12% chance that it will be moderately windy tomorrow.

12. What is the probability that it will not be windy?

88

13. Will tomorrow be a good day to fly a kite? Explain.

Tomorrow will not be a good day to fly a kite if there is only 12% chance of wind because 12 is under 50.