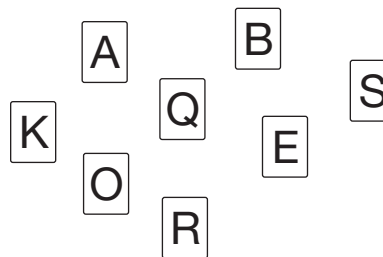


Lesson 1 Skills Practice

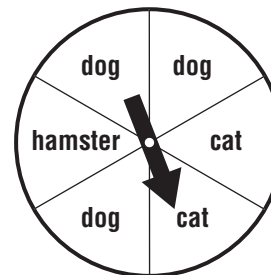
Probability of Simple Events

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



- $P(B)$ $1/8$ 0.125, 12.5%
- $P(Q \text{ or } R)$ $2/8, 0.25, 25\%$
- $P(\text{vowel})$ $3/8, 0.375, 37.5\%$
- $P(\text{consonant or vowel})$ $3/8, 0.375, 37.5\%$
- $P(\text{consonant or A})$ $1/8, 0.125, 12.5\%$
- $P(T)$ $0/8, .0, 0\%$

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



- $P(\text{dog})$ $3/6, 0.5, 50\%$
- $P(\text{hamster})$ $1/6, .16\overline{6}, 16.66\overline{6}\%$
- $P(\text{dog or cat})$ $5/6, 0.8\overline{3}, 83.\overline{3}\%$
- $P(\text{bird})$ $0/6, .0, 0\%$
- $P(\text{mammal})$ $6/6, 1, 100\%$

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

- What is the probability that it will not be windy?
- Will tomorrow be a good day to fly a kite? Explain.