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.
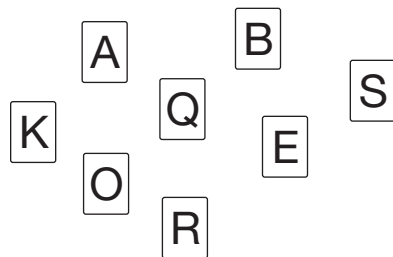
1. $P(B)$ $\dfrac{1}{8}$ 0.125 125%

2. $P(Q \text{ or } R)$ $\dfrac{2}{8}$ 0.25 25%

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

4. $P(\text{consonant or vowel})$ $\dfrac{5}{8}$ 0.625 625%

5. $P(\text{consonant or A})$ $\dfrac{6}{8}$ 0.75 75%

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

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  A        B
K     Q        S
   O      E
      R
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The spinner shown is spun once. Write a sentence explaining how likely it is for each event to occur.
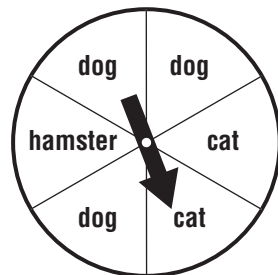
7. $P(\text{dog})$ $\dfrac{3}{6}$

8. $P(\text{hamster})$ $\dfrac{1}{6}$

9. $P(\text{dog or cat})$ $\dfrac{5}{6}$

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

11. $P(\text{mammal})$ $\dfrac{6}{6}$

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? $\dfrac{12}{100}$

13. Will tomorrow be a good day to fly a kite? Explain. no because it will most likely be sunny and not as windy