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.

A B S K Q E O R

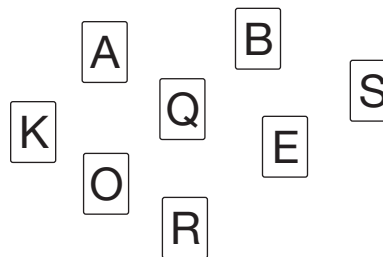**1.** P(B) | 1/8 | 0.125 | 12.5% |

2. P(Q or R) | 1/4 | 0.25 | 25% |

3. P(vowel) | 3/8 | 0.375 | 37.5% |

4. P(consonant or vowel) | 8/8 | 1 | 100% |

5. P(consonant or A) | 3/4 | 0.75 | 75% |

6. 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.

7. P(dog)

  Equally likely

8. P(hamster)

  Less likely

9. P(dog or cat)
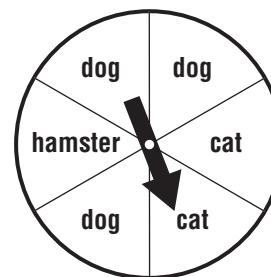
  Most likely

10. P(bird)

  Not likely (wont happen)

11. P(mammal)

  Very likely (will happen)

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.
  No it is less likely to be windy.