Lesson 1 Homework Practice

Probability of Simple Events

The spinner shown is spun once. Find each probability. Write each answer as a fraction, a decimal, and a percent.

1. P(C)

2. P(G)

3. P(M or P)

4. P(B, E, or A)

5. P(*not* vowel)

6. P(*not* M)

Eight cards are marked 3, 4, 5, 6, 7, 8, 9, and 10 such that each card has exactly one of these numbers. A card is picked without looking. Find each probability. Write each answer as a fraction, a decimal, and a percent.

7. P(9)

8. P(3 or 4)

9. P(greater than 5)

10. P(less than 3)

11. P(odd)

12. P(4, 7, or 8)

13. P(*not* 6)

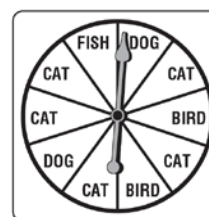**14.** P(*not* 5 and *not* 10)

The spinner is spun once. Write a sentence stating how likely it is for each event to happen. Justify your answer.

15. fish

16. cat

17. bird, cat, or fish

18. PLANTS Of the water lilies in the pond, 43% are yellow. The others are white. A frog randomly jumps onto a lily. Describe the complement of the frog landing on a yellow lily and find its probability.