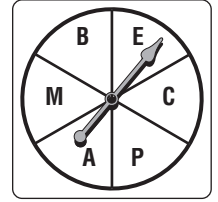


Lesson 1 Homework Practice

Probability of Simple Events

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

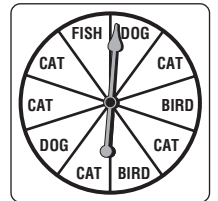


1. $P(C)$
2. $P(G)$
3. $P(M \text{ or } P)$
4. $P(B, E, \text{ or } A)$
5. $P(\text{not vowel})$
6. $P(\text{not } M)$

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. $P(3 \text{ or } 4)$
9. $P(\text{greater than } 5)$
10. $P(\text{less than } 3)$
11. $P(\text{odd})$
12. $P(4, 7, \text{ or } 8)$
13. $P(\text{not } 6)$
14. $P(\text{not } 5 \text{ and not } 10)$

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.