

# Practice Worksheet 9-1 – Math 7

## 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.  $P(\text{not } M)$

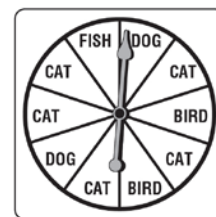


Eight cards are marked 3, 4, 5, 6, 7, 8, 9, and 10 such that each card has exactly one of these numbers. A card is picked without looking. Find each probability. Write each answer as a fraction, a decimal, and a percent.

- 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.