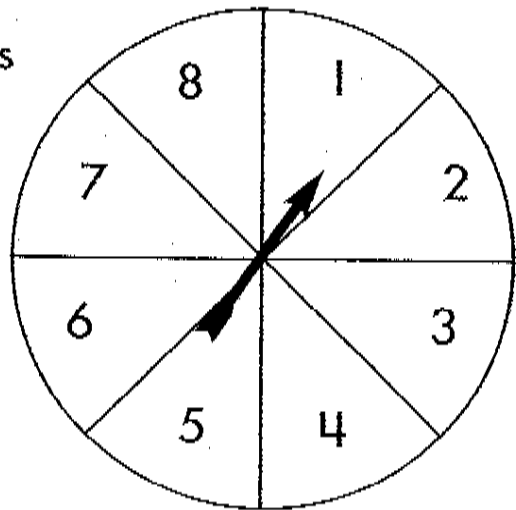# Probable Outcomes

> **Probability** is the degree to which something is likely or unlikely to happen. To find the probability, you need to know the total number of possibilities and the frequency of the unit in question.

▶ Look at the spinner. Answer the following questions.

1. What is the total number of possibilities for this spinner? _____

2. What is the probability of landing on a 7? _____

3. What is the probability of landing on an even number? _____

4. What is the probability of landing on a 6? _____

5. What is the probability of landing on an odd number? _____

▶ Various coins are placed in a bag. There are 2 quarters, 2 dimes, 1 nickel, and 3 pennies. One coin is drawn each turn. Answer the questions below.

6. What is the total number of possibilities for the bag? _____

7. Which coin is most likely to be drawn? _____

8. What is the probability of drawing a nickel? _____

9. What is the probability of drawing a quarter? _____

10. What is the probability of not drawing a dime? _____