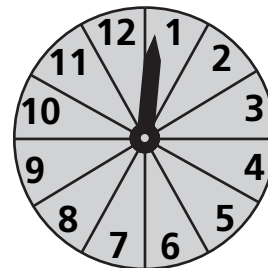


## Data Analysis and Probability

For 1–7, use the spinner. Write each probability as a fraction.

On one spin of the pointer, what is the probability that it will land on . . .



- 1 an even number? \_\_\_\_\_
- 2 a prime number? \_\_\_\_\_
- 3 a number that is at least 9? \_\_\_\_\_
- 4 a number that is not greater than 8? \_\_\_\_\_
- 5 a number that is greater than 3 but less than 6? \_\_\_\_\_
- 6 a number that is a multiple of 3? \_\_\_\_\_
- 7 a number that is a factor of 12? \_\_\_\_\_

## Problem Solving

Use a strategy and solve.

- 8 Sandra has some coins in her pocket: dimes, nickels, and pennies. There are twice as many dimes as nickels and twice as many nickels as pennies. If she has less than one dollar in change, how much money does she have?
- \_\_\_\_\_
- \_\_\_\_\_

- 9 A family of 9 went to the movies. Tickets cost \$7.75 for adults and \$4.50 for children. They spent a total of \$56.75 on tickets. How many adults and how many children were there?
- \_\_\_\_\_
- \_\_\_\_\_

- 10 In the backyard, there was at least 1 bicycle, 1 tricycle, and 1 four-wheel scooter. There were 8 vehicles with 19 wheels altogether. How many of each type were there?
- \_\_\_\_\_