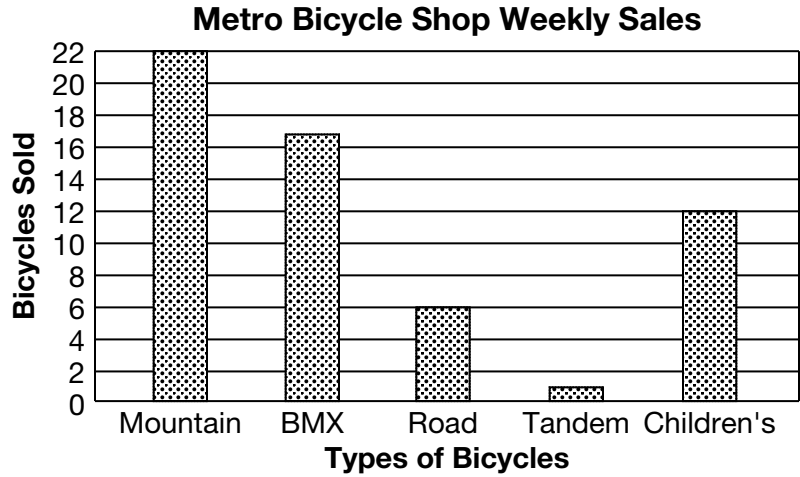Name _____

Introduction to the Problem Solving Guide

How many BMX and mountain bikes were sold?

You can use the bar graph to learn how many BMX and mountain bikes were sold.

Use the graph to answer **1–5**.

Metro Bicycle Shop Weekly Sales

1. **What information do you need to answer the question?**

   _____

2. **What operation would you use to solve the problem?** _____

3. **Give the answer.** _____

Choose the number sentence you would use to solve the problem.

4. **How many more mountain bikes were sold than road bikes?** _____

   A. 22 + 6 = 28   **B.** 22 − 6 = 16

5. **What is the total number of road and tandem bikes sold?** _____

   A. 6 + 1 = 7   **B.** 6 − 1 = 5

Use any strategy to solve each problem.

6. **Roger bought a mountain bike for $130. He used $85 of his own money, and his father paid the rest. How much did his father pay?** _____

7. **One family bought 3 children's bicycles. Each cost the same amount. If their total bill was $225, what was the cost of each bicycle?** _____

8. **For 4 days, the bicycle shop sold the same number of bicycles each day. They sold a total of 52 bicycles in all. How many did they sell on the first day?** _____