Area and Perimeter Problems

Read each problem. Draw a sketch, then write the answer.

1. **Lily draws a square with sides 13 centimeters long. What is the perimeter of the square?**

   working ____ centimeters

2. **Omar puts a fence around a garden that is 21 meters long and 7 meters wide. How many meters of fence is that?**

   working ____ meters

3. **A classroom floor is 8 meters by 5 meters. The hall is 3 times as big. What is the area of the hall?**

   working ____ square meters

4. **A bedroom is 11 feet by 8 feet and a closet is 9 feet by 7 feet. What is their total area?**

   working ____ square feet

5. **A patio has an area of 108 square feet. It is 9 feet wide. How long is the patio?**

   working ____ feet

6. **A picture frame has a perimeter of 48 inches. It is 8 inches wide. How long is it?**

   working ____ inches

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Area and Perimeter Problems: Answers

Answer key: the answers are filled in.

1. **Lily draws a square with sides 13 centimeters long. What is the perimeter of the square?**

   working | **52** centimeters

2. **Omar puts a fence around a garden that is 21 meters long and 7 meters wide. How many meters of fence is that?**

   working | **56** meters

3. **A classroom floor is 8 meters by 5 meters. The hall is 3 times as big. What is the area of the hall?**

   working | **120** square meters

4. **A bedroom is 11 feet by 8 feet and a closet is 9 feet by 7 feet. What is their total area?**

   working | **151** square feet

5. **A patio has an area of 108 square feet. It is 9 feet wide. How long is the patio?**

   working | **12** feet

6. **A picture frame has a perimeter of 48 inches. It is 8 inches wide. How long is it?**

   working | **16** inches

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