Name: _____ Date: _____

Area and Perimeter Word Problems

Grade 4 | Area and perimeter of rectangles, including a missing side | Version 7 of 10

Area = length × width (square units). Perimeter = the distance around = length + width + length + width. Show your work and write the unit.

1. A rectangular garden is 12 feet long and 5 feet wide. What is its perimeter?

Answer: _____

2. A rectangular photo is 10 inches long and 7 inches wide. What is its perimeter?

Answer: _____

3. A rectangular poster is 5 inches long and 3 inches wide. What is its area?

Answer: _____

4. A rectangular soccer field has a perimeter of 28 yards. It is 2 yards wide. How long is it?

Answer: _____

5. A rectangular playground has an area of 112 square yards. It is 8 yards wide. How long is it?

Answer: _____

6. A rectangular patio is 13 feet long and 9 feet wide. What is its area?

Answer: _____

7. A rectangular parking lot has a perimeter of 50 meters. It is 11 meters wide. How long is it?

Answer: _____

8. A rectangular vegetable bed has an area of 27 square feet. It is 3 feet wide. How long is it?

Answer: _____

Area and Perimeter Word Problems - ANSWER KEY

Grade 4 | Area and perimeter of rectangles, including a missing side | Version 7 of 10

Area = length × width (square units). Perimeter = the distance around = length + width + length + width. Show your work and write the unit.

1. A rectangular garden is 12 feet long and 5 feet wide. What is its perimeter?

Answer: **34 feet**

2. A rectangular photo is 10 inches long and 7 inches wide. What is its perimeter?

Answer: **34 inches**

3. A rectangular poster is 5 inches long and 3 inches wide. What is its area?

Answer: **15 square inches**

4. A rectangular soccer field has a perimeter of 28 yards. It is 2 yards wide. How long is it?

Answer: **12 yards**

5. A rectangular playground has an area of 112 square yards. It is 8 yards wide. How long is it?

Answer: **14 yards**

6. A rectangular patio is 13 feet long and 9 feet wide. What is its area?

Answer: **117 square feet**

7. A rectangular parking lot has a perimeter of 50 meters. It is 11 meters wide. How long is it?

Answer: **14 meters**

8. A rectangular vegetable bed has an area of 27 square feet. It is 3 feet wide. How long is it?

Answer: **9 feet**