Name: _____ Date: _____

Area and Perimeter Word Problems

Grade 4 | Area and perimeter of rectangles, including a missing side | Version 8 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 poster is 12 inches long and 2 inches wide. What is its area?

Answer: _____

2. A rectangular poster has an area of 15 square inches. It is 3 inches wide. How long is it?

Answer: _____

3. A rectangular garden has an area of 80 square feet. It is 8 feet wide. How long is it?

Answer: _____

4. A rectangular soccer field is 9 yards long and 5 yards wide. What is its area?

Answer: _____

5. A rectangular parking lot has a perimeter of 20 meters. It is 4 meters wide. How long is it?

Answer: _____

6. A rectangular tablecloth has a perimeter of 44 inches. It is 10 inches wide. How long is it?

Answer: _____

7. A rectangular photo is 11 inches long and 10 inches wide. What is its perimeter?

Answer: _____

8. A rectangular photo is 9 inches long and 3 inches wide. What is its perimeter?

Answer: _____

Area and Perimeter Word Problems - ANSWER KEY

Grade 4 | Area and perimeter of rectangles, including a missing side | Version 8 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 poster is 12 inches long and 2 inches wide. What is its area?

Answer: **24 square inches**

2. A rectangular poster has an area of 15 square inches. It is 3 inches wide. How long is it?

Answer: **5 inches**

3. A rectangular garden has an area of 80 square feet. It is 8 feet wide. How long is it?

Answer: **10 feet**

4. A rectangular soccer field is 9 yards long and 5 yards wide. What is its area?

Answer: **45 square yards**

5. A rectangular parking lot has a perimeter of 20 meters. It is 4 meters wide. How long is it?

Answer: **6 meters**

6. A rectangular tablecloth has a perimeter of 44 inches. It is 10 inches wide. How long is it?

Answer: **12 inches**

7. A rectangular photo is 11 inches long and 10 inches wide. What is its perimeter?

Answer: **42 inches**

8. A rectangular photo is 9 inches long and 3 inches wide. What is its perimeter?

Answer: **24 inches**