Name: _____ Date: _____

Area and Perimeter Word Problems

Grade 4 | Area and perimeter of rectangles, including a missing side | Version 2 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 parking lot has an area of 84 square meters. It is 7 meters wide. How long is it?

Answer: _____

2. A rectangular parking lot is 12 meters long and 11 meters wide. What is its perimeter?

Answer: _____

3. A rectangular vegetable bed is 13 feet long and 5 feet wide. What is its perimeter?

Answer: _____

4. A rectangular poster is 10 inches long and 5 inches wide. What is its area?

Answer: _____

5. A rectangular parking lot is 7 meters long and 3 meters wide. What is its area?

Answer: _____

6. A rectangular classroom floor has a perimeter of 30 meters. It is 2 meters wide. How long is it?

Answer: _____

7. A rectangular rug has an area of 21 square feet. It is 3 feet wide. How long is it?

Answer: _____

8. A rectangular bulletin board has a perimeter of 38 feet. It is 6 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 2 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 parking lot has an area of 84 square meters. It is 7 meters wide. How long is it?

Answer: **12 meters**

2. A rectangular parking lot is 12 meters long and 11 meters wide. What is its perimeter?

Answer: **46 meters**

3. A rectangular vegetable bed is 13 feet long and 5 feet wide. What is its perimeter?

Answer: **36 feet**

4. A rectangular poster is 10 inches long and 5 inches wide. What is its area?

Answer: **50 square inches**

5. A rectangular parking lot is 7 meters long and 3 meters wide. What is its area?

Answer: **21 square meters**

6. A rectangular classroom floor has a perimeter of 30 meters. It is 2 meters wide. How long is it?

Answer: **13 meters**

7. A rectangular rug has an area of 21 square feet. It is 3 feet wide. How long is it?

Answer: **7 feet**

8. A rectangular bulletin board has a perimeter of 38 feet. It is 6 feet wide. How long is it?

Answer: **13 feet**