Name: _____ Date: _____

Area and Perimeter Word Problems

Grade 4 | Area and perimeter of rectangles, including a missing side | Version 10 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 playground has a perimeter of 32 yards. It is 4 yards wide. How long is it?

Answer: _____

2. A rectangular vegetable bed has an area of 80 square feet. It is 8 feet wide. How long is it?

Answer: _____

3. A rectangular parking lot is 14 meters long and 2 meters wide. What is its perimeter?

Answer: _____

4. A rectangular garden has a perimeter of 54 feet. It is 12 feet wide. How long is it?

Answer: _____

5. A rectangular classroom floor is 14 meters long and 2 meters wide. What is its area?

Answer: _____

6. A rectangular patio is 4 feet long and 2 feet wide. What is its perimeter?

Answer: _____

7. A rectangular garden has an area of 78 square feet. It is 6 feet wide. How long is it?

Answer: _____

8. A rectangular rug is 9 feet long and 8 feet wide. What is its area?

Answer: _____

Area and Perimeter Word Problems - ANSWER KEY

Grade 4 | Area and perimeter of rectangles, including a missing side | Version 10 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 playground has a perimeter of 32 yards. It is 4 yards wide. How long is it?

Answer: **12 yards**

2. A rectangular vegetable bed has an area of 80 square feet. It is 8 feet wide. How long is it?

Answer: **10 feet**

3. A rectangular parking lot is 14 meters long and 2 meters wide. What is its perimeter?

Answer: **32 meters**

4. A rectangular garden has a perimeter of 54 feet. It is 12 feet wide. How long is it?

Answer: **15 feet**

5. A rectangular classroom floor is 14 meters long and 2 meters wide. What is its area?

Answer: **28 square meters**

6. A rectangular patio is 4 feet long and 2 feet wide. What is its perimeter?

Answer: **12 feet**

7. A rectangular garden has an area of 78 square feet. It is 6 feet wide. How long is it?

Answer: **13 feet**

8. A rectangular rug is 9 feet long and 8 feet wide. What is its area?

Answer: **72 square feet**