Name: _____ Date: _____

Area and Perimeter Word Problems

Grade 4 | Area and perimeter of rectangles, including a missing side | Version 5 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 has a perimeter of 28 feet. It is 3 feet wide. How long is it?

Answer: _____

2. A rectangular bulletin board is 13 feet long and 9 feet wide. What is its area?

Answer: _____

3. A rectangular tablecloth is 11 inches long and 9 inches wide. What is its perimeter?

Answer: _____

4. A rectangular classroom floor has a perimeter of 20 meters. It is 2 meters wide. How long is it?

Answer: _____

5. A rectangular patio is 8 feet long and 6 feet wide. What is its area?

Answer: _____

6. A rectangular patio has an area of 112 square feet. It is 8 feet wide. How long is it?

Answer: _____

7. A rectangular classroom floor has an area of 55 square meters. It is 5 meters wide. How long is it?

Answer: _____

8. A rectangular bulletin board is 6 feet long and 2 feet 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 5 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 has a perimeter of 28 feet. It is 3 feet wide. How long is it?

Answer: **11 feet**

2. A rectangular bulletin board is 13 feet long and 9 feet wide. What is its area?

Answer: **117 square feet**

3. A rectangular tablecloth is 11 inches long and 9 inches wide. What is its perimeter?

Answer: **40 inches**

4. A rectangular classroom floor has a perimeter of 20 meters. It is 2 meters wide. How long is it?

Answer: **8 meters**

5. A rectangular patio is 8 feet long and 6 feet wide. What is its area?

Answer: **48 square feet**

6. A rectangular patio has an area of 112 square feet. It is 8 feet wide. How long is it?

Answer: **14 feet**

7. A rectangular classroom floor has an area of 55 square meters. It is 5 meters wide. How long is it?

Answer: **11 meters**

8. A rectangular bulletin board is 6 feet long and 2 feet wide. What is its perimeter?

Answer: **16 feet**