Name: _____ Date: _____

Area and Perimeter Word Problems

Grade 4 | Area and perimeter of rectangles, including a missing side | Version 4 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 soccer field has a perimeter of 48 yards. It is 11 yards wide. How long is it?

Answer: _____

2. A rectangular classroom floor is 9 meters long and 3 meters wide. What is its area?

Answer: _____

3. A rectangular soccer field has an area of 56 square yards. It is 7 yards wide. How long is it?

Answer: _____

4. A rectangular parking lot has an area of 80 square meters. It is 8 meters wide. How long is it?

Answer: _____

5. A rectangular patio is 10 feet long and 6 feet wide. What is its perimeter?

Answer: _____

6. A rectangular tablecloth is 9 inches long and 6 inches wide. What is its area?

Answer: _____

7. A rectangular poster is 8 inches long and 2 inches wide. What is its perimeter?

Answer: _____

8. A rectangular poster has a perimeter of 22 inches. It is 4 inches 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 4 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 soccer field has a perimeter of 48 yards. It is 11 yards wide. How long is it?

Answer: **13 yards**

2. A rectangular classroom floor is 9 meters long and 3 meters wide. What is its area?

Answer: **27 square meters**

3. A rectangular soccer field has an area of 56 square yards. It is 7 yards wide. How long is it?

Answer: **8 yards**

4. A rectangular parking lot has an area of 80 square meters. It is 8 meters wide. How long is it?

Answer: **10 meters**

5. A rectangular patio is 10 feet long and 6 feet wide. What is its perimeter?

Answer: **32 feet**

6. A rectangular tablecloth is 9 inches long and 6 inches wide. What is its area?

Answer: **54 square inches**

7. A rectangular poster is 8 inches long and 2 inches wide. What is its perimeter?

Answer: **20 inches**

8. A rectangular poster has a perimeter of 22 inches. It is 4 inches wide. How long is it?

Answer: **7 inches**