Name: _____ Date: _____

Area and Perimeter Word Problems

Grade 4 | Area and perimeter of rectangles, including a missing side | Version 9 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 tablecloth is 7 inches long and 2 inches wide. What is its perimeter?

Answer: _____

2. A rectangular photo has a perimeter of 42 inches. It is 10 inches wide. How long is it?

Answer: _____

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

Answer: _____

4. A rectangular tablecloth is 15 inches long and 5 inches wide. What is its perimeter?

Answer: _____

5. A rectangular vegetable bed is 12 feet long and 9 feet wide. What is its area?

Answer: _____

6. A rectangular rug has an area of 48 square feet. It is 6 feet wide. How long is it?

Answer: _____

7. A rectangular rug has a perimeter of 40 feet. It is 6 feet wide. How long is it?

Answer: _____

8. A rectangular photo has an area of 24 square inches. It is 2 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 9 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 tablecloth is 7 inches long and 2 inches wide. What is its perimeter?

Answer: **18 inches**

2. A rectangular photo has a perimeter of 42 inches. It is 10 inches wide. How long is it?

Answer: **11 inches**

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

Answer: **70 square meters**

4. A rectangular tablecloth is 15 inches long and 5 inches wide. What is its perimeter?

Answer: **40 inches**

5. A rectangular vegetable bed is 12 feet long and 9 feet wide. What is its area?

Answer: **108 square feet**

6. A rectangular rug has an area of 48 square feet. It is 6 feet wide. How long is it?

Answer: **8 feet**

7. A rectangular rug has a perimeter of 40 feet. It is 6 feet wide. How long is it?

Answer: **14 feet**

8. A rectangular photo has an area of 24 square inches. It is 2 inches wide. How long is it?

Answer: **12 inches**