Name: _____ Date: _____

Area and Perimeter Word Problems

Grade 4 | Area and perimeter of rectangles, including a missing side | Version 6 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 patio has a perimeter of 22 feet. It is 5 feet wide. How long is it?

Answer: _____

2. A rectangular poster is 12 inches long and 6 inches wide. What is its perimeter?

Answer: _____

3. A rectangular vegetable bed is 15 feet long and 6 feet wide. What is its area?

Answer: _____

4. A rectangular tablecloth has an area of 60 square inches. It is 6 inches wide. How long is it?

Answer: _____

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

Answer: _____

6. A rectangular classroom floor is 10 meters long and 2 meters wide. What is its perimeter?

Answer: _____

7. A rectangular classroom floor has an area of 120 square meters. It is 10 meters wide. How long is it?

Answer: _____

8. A rectangular tablecloth is 9 inches long and 8 inches 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 6 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 patio has a perimeter of 22 feet. It is 5 feet wide. How long is it?

Answer: **6 feet**

2. A rectangular poster is 12 inches long and 6 inches wide. What is its perimeter?

Answer: **36 inches**

3. A rectangular vegetable bed is 15 feet long and 6 feet wide. What is its area?

Answer: **90 square feet**

4. A rectangular tablecloth has an area of 60 square inches. It is 6 inches wide. How long is it?

Answer: **10 inches**

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

Answer: **7 inches**

6. A rectangular classroom floor is 10 meters long and 2 meters wide. What is its perimeter?

Answer: **24 meters**

7. A rectangular classroom floor has an area of 120 square meters. It is 10 meters wide. How long is it?

Answer: **12 meters**

8. A rectangular tablecloth is 9 inches long and 8 inches wide. What is its area?

Answer: **72 square inches**