Area and Perimeter Word Problems - ANSWER KEY

Grade 4 | Area and perimeter of rectangles, including a missing side | Version 1 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 parking lot is 10 meters long and 4 meters wide. What is its perimeter?

Answer: **28 meters**

2. A rectangular photo has a perimeter of 14 inches. It is 2 inches wide. How long is it?

Answer: **5 inches**

3. A rectangular soccer field has an area of 112 square yards. It is 8 yards wide. How long is it?

Answer: **14 yards**

4. A rectangular vegetable bed is 11 feet long and 3 feet wide. What is its area?

Answer: **33 square feet**

5. A rectangular tablecloth is 7 inches long and 3 inches wide. What is its perimeter?

Answer: **20 inches**

6. A rectangular vegetable bed has an area of 54 square feet. It is 6 feet wide. How long is it?

Answer: **9 feet**

7. A rectangular playground is 12 yards long and 9 yards wide. What is its area?

Answer: **108 square yards**

8. A rectangular rug has a perimeter of 20 feet. It is 4 feet wide. How long is it?

Answer: **6 feet**