

Unit 7: Two-Dimensional Shapes and Perimeter

ADVANCED

Name: _____ Date: _____

Solve each problem and write your final answer with correct units on the line.

1. A rectangle is 68 cm long and 45 cm wide. What is its perimeter?

Answer: _____

2. A square has a perimeter of 248 mm. What is the length of one side?

Answer: _____

3. A rectangle has a perimeter of 184 m. Its length is 57 m. What is its width?

Answer: _____

4. A quadrilateral has sides of 76 cm, 88 cm, 59 cm, and 47 cm. What is its perimeter?

Answer: _____

5. A quadrilateral has a perimeter of 200 cm. Three of its sides measure 63 cm, 48 cm, and 55 cm. What is the length of the fourth side?

Answer: _____

6. A square has a side length of 45 cm. A rectangle is 60 cm long and 28 cm wide. How many cm greater is the larger perimeter than the smaller perimeter?

Answer: _____

7. A rectangular garden is 24 m long and 16 m wide. Fencing costs \$3 per meter. What is the total cost to fence all the way around the garden?

Answer: _____

8. A square has a perimeter of 96 cm. A rectangle has a length equal to the square's side and a width of 9 cm. What is the perimeter of the rectangle?

Answer: _____

9. A parallelogram has two sides that are 43 cm long and two sides that are 29 cm long. What is its perimeter?

Answer: _____

10. A quadrilateral has four sides that are each 25 cm long and four right angles. Is this shape a square? Answer yes or no.

Answer: _____

11. A rectangle has a perimeter of 150 cm. Its length is exactly twice its width. What is the width?

Answer: _____

12. A rectangle has a perimeter of 116 cm. Its length is 18 cm more than its width. What is the length?

Answer: _____