

## Unit 7: Two-Dimensional Shapes and Perimeter

### PRACTICE · SET 3

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Solve each problem. Write your answer as a number only (no units), unless the problem asks for yes or no.

1. Nina builds a rectangle rabbit pen. It is 14 meters long and 9 meters wide. How many meters of fence go all the way around the pen?

Answer: \_\_\_\_\_

2. A square placemat has a perimeter of 52 centimeters. All four sides are the same length. How many centimeters long is one side?

Answer: \_\_\_\_\_

3. A rectangle poster has a perimeter of 40 inches. Its length is 12 inches. How many inches wide is the poster?

Answer: \_\_\_\_\_

4. A quilt patch is a rectangle 7 feet long and 6 feet wide. How many square feet is its area?

Answer: \_\_\_\_\_

5. Sam's rectangle is 8 cm by 2 cm. Tia's rectangle is 5 cm by 5 cm. Both have the same perimeter. How many square centimeters larger is Tia's area than Sam's area?

Answer: \_\_\_\_\_

6. A kite has 4 straight sides. They measure 12 cm, 9 cm, 15 cm, and 7 cm. How many centimeters is the perimeter of the kite?

Answer: \_\_\_\_\_

7. A rectangle rug has an area of 54 square centimeters. One side is 6 centimeters. How many centimeters is the other side?

Answer: \_\_\_\_\_

8. Omar lines up 6 square tiles in one straight row to make a path. Each tile has sides of 3 inches. How many inches is the perimeter of the whole path?

Answer: \_\_\_\_\_

9. Ann draws a rectangle 11 cm by 5 cm. Ben draws a square with sides of 9 cm. How many more centimeters is Ben's perimeter than Ann's perimeter?

Answer: \_\_\_\_\_

10. A bedroom floor is a rectangle 9 feet by 8 feet. A rug covers 40 square feet of the floor. How many square feet of floor are NOT covered?

Answer: \_\_\_\_\_

11. Leo cuts out 7 quadrilaterals from paper. How many corners do all 7 shapes have altogether?

Answer: \_\_\_\_\_

12. A shape has 4 straight sides. Two sides are 6 cm long, the other two sides are 4 cm long, and all 4 corners are square corners. Is this shape a rectangle? Answer yes or no.

Answer: \_\_\_\_\_