

Unit 7: Two-Dimensional Shapes and Perimeter

PRACTICE • SET 4

Name: _____ Date: _____

Show your work on scratch paper and write the exact answer with its units on the line next to each problem.

1. The lid of Nina's hamster cage is a rectangle. It is 9 cm long and 6 cm wide. What is the perimeter of the lid?

Answer: _____

3. Mr. Diaz built a rectangular garden bed that is 7 ft long and 8 ft wide. What is the area of the garden bed?

Answer: _____

5. A kite is shaped like a rhombus, so all 4 of its sides are the same length. The perimeter is 36 cm. How long is one side?

Answer: _____

7. A rectangular vegetable patch is 10 m long and 4 m wide. Fencing costs \$3 for each meter. How much will it cost to put fencing all the way around the patch?

Answer: _____

9. Rug A is 8 ft by 3 ft. Rug B is 6 ft by 5 ft. How many more square feet of floor does Rug B cover than Rug A?

Answer: _____

2. A rectangular dog run has a perimeter of 34 m. The long side is 12 m. How long is the short side?

Answer: _____

4. A square photo frame has a perimeter of 28 in. What is the area of the square?

Answer: _____

6. A flower bed is shaped like a trapezoid. Its four sides are 12 m, 7 m, 9 m, and 7 m. What is the perimeter of the flower bed?

Answer: _____

8. Sam covers the top of a table with square tiles. Each tile is 1 inch on every side. He makes 6 rows with 9 tiles in each row, and the tiles fit exactly. What is the area of the table top?

Answer: _____

10. Maya wrote this list of shapes: square, triangle, rhombus, pentagon, trapezoid, hexagon. How many shapes on her list are quadrilaterals?

Answer: _____

11. A play mat is made from two rectangles pushed together. One rectangle is 5 ft by 3 ft. The other rectangle is 4 ft by 3 ft. What is the total area of the play mat?

Answer: _____

12. A rectangular poster is 4 cm by 9 cm. Leo cuts a square poster that has exactly the same area. What is the perimeter of Leo's square poster?

Answer: _____