

Unit 7: Two-Dimensional Shapes and Perimeter

CONCEPT · SET 2

Name: _____ Date: _____

Solve each problem and write your answer on the line. Show your work in the space next to each question.

1. A dog pen is shaped like a rectangle. It is 7 meters long and 2 meters wide. What is the perimeter of the pen, in meters?

Answer: _____

3. A paper kite has 4 straight sides. The sides measure 8 cm, 5 cm, 7 cm, and 4 cm. What is the perimeter of the kite, in centimeters?

Answer: _____

5. Leo tapes a square poster to the wall. The perimeter of the poster is 32 cm. How many centimeters long is one side?

Answer: _____

7. A square sticker measures 5 inches on each side. What is the area of the sticker, in square inches?

Answer: _____

9. Nina covers a bulletin board with square tiles. She makes 4 rows with 7 tiles in each row, and the tiles cover the board with no gaps. What is the area of the board, in square tiles?

Answer: _____

2. A cloth napkin is a square. Each side is 9 inches long. What is the perimeter of the napkin, in inches?

Answer: _____

4. A rectangular garden bed has a perimeter of 26 meters. The long side is 9 meters. How many meters long is the short side?

Answer: _____

6. A sandbox is a rectangle that is 6 feet long and 3 feet wide. What is the area of the sandbox, in square feet?

Answer: _____

8. A rectangular class banner has an area of 40 square centimeters. Its width is 5 centimeters. How many centimeters long is the banner?

Answer: _____

10. On the playground, Blue chalk rectangle is 3 feet by 12 feet. Red chalk rectangle is 6 feet by 6 feet. Which rectangle has the larger perimeter, Blue or Red?

Answer: _____

11. A floor tile is a rhombus, so all 4 of its sides are the same length. One side is 6 centimeters. What is the perimeter of the tile, in centimeters?

Answer: _____

12. Rug A is 4 feet by 6 feet. Rug B is 5 feet by 5 feet. Which rug has the larger area, Rug A or Rug B?

Answer: _____