

Unit 2: Area and Multiplication

CONCEPT · SET 2

Name: _____ Date: _____

Find the area or missing length for each problem. Write just the number for your answer (or "yes"/"no" when the problem asks that) — you do not need to write the unit.

1. Ravi covers a rectangle with 1-inch unit squares. He puts 4 squares in each row and makes 3 rows. What is the area of the rectangle in square inches?

Answer: _____

3. Mina covers the top of a lunch tray with unit squares. She makes 6 rows with 3 squares in each row. How many unit squares does she use?

Answer: _____

5. A square photo has sides that are 7 inches long. What is the area of the photo in square inches?

Answer: _____

7. A garden has two rectangle patches next to each other. One patch is 3 m by 2 m. The other patch is 3 m by 4 m. What is the total area of the garden in square meters?

Answer: _____

9. A bathroom floor is 6 tiles long and 6 tiles wide. Each tile is 1 square foot. How many tiles cover the whole floor?

Answer: _____

2. A sticker sheet is a rectangle 5 cm long and 2 cm wide. What is its area in square centimeters?

Answer: _____

4. A rectangular door mat has an area of 20 square feet. One side is 4 feet long. How long is the other side, in feet?

Answer: _____

6. Leo covers a rectangle with unit squares. Each row has 5 unit squares, so he writes $5 + 5 + 5$ to find the area. What is the area in square units?

Answer: _____

8. A tray needs 3 rows of 5 unit squares to be fully covered. Sam has already placed 12 squares. How many more squares does he need to cover the tray?

Answer: _____

10. The lid of Box A is 2 inches by 6 inches. The lid of Box B is 3 inches by 4 inches. Do the two lids have the same area? Answer yes or no.

Answer: _____

11. A dog pen is a rectangle with an area of 24 square yards. It is 3 yards wide. How many yards long is it?

Answer: _____

12. Ana covers a rectangle with unit squares. There are 4 squares in each column and 7 columns in all. What is the area in square units?

Answer: _____