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Perimeter and area word problems for Grade 6

Practice worksheet - Maths · Grade 6

Name: _____ Date: _____

Show your working. Answers are not included in this copy.

Try each task before opening its answer. Give an example or reason, not only a label.

Write an answer and your reason before opening the explanation. Check the reasoning as well as the final answer.

1. Find the area of a rectangle measuring 8 cm by 3 cm.

2. Find the perimeter of a rectangle measuring 8 cm by 3 cm.

3. Find the area of a square with side length 6 m.

4. Find the perimeter of a square with side length 6 m.

5. A rectangle has area 30 cm² and width 5 cm. Find its length.

6. A rectangular garden is 10 m long and 4 m wide. A 3 m gate replaces part of the fence. How much fencing is required?

7. Find the area of a rectangular mat measuring 1 m by 30 cm.

8. Cover 12 m² at ₹50 per m². Cost?

Practice continued

9. Do rectangles measuring 5 units by 5 units and 8 units by 2 units have the same perimeter?

10. Do rectangles measuring 5 units by 5 units and 8 units by 2 units have equal areas?

11. Two regions with areas 18 m^2 and 7 m^2 join without overlapping. Find the combined area.

12. Should an interior splitting line count towards perimeter?

13. What unit fits the area of a classroom: m or m^2?

14. A square has perimeter 20 m. Find its area.