

Mixed Practice: Area and Perimeter

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3rd Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. The length of a rectangle is 8 cm and the width is 3 cm. What is the area?

2. The perimeter of a rectangle is 20 cm. If the length is 6 cm, what is the width?

3. A garden is 10 feet long and 5 feet wide. What is the perimeter of the garden?

4. Emma has a rectangular rug that is 4 feet wide and 6 feet long. What is the area of the rug?

5. Circle the greater area: Area of rectangle (4 cm x 5 cm) or Area of rectangle (3 cm x 6 cm)?

6. If the length of a rectangle is 7 cm and the width is 2 cm, the perimeter is ____ cm.

7. The area of a rectangle is always greater than its perimeter.

True False

8. Find the area of a rectangle with dimensions 9 m by 3 m.

9. A pool is 15 meters long and 10 meters wide. How many meters of fencing are needed to go around it?

10. What is the area of a rectangle with a length of 12 inches and a width of 4 inches?

11. If a rectangular box has a length of 5 cm, width of 3 cm, and height of 2 cm, what is the total area of the base?

12. Which rectangle has a greater perimeter: 8 cm by 5 cm or 6 cm by 6 cm?

13. A rectangle has a length of 10 cm and an unknown width. If the perimeter is 36 cm, the width is ____ cm.

14. The perimeter of a square is equal to four times its side length.

True False

15. A rectangular field is 12 meters long and 8 meters wide. How much fencing is needed to enclose the field?

Answer Key

1. 24 2. 4 3. 30 4. 24 5. Area of rectangle (4 cm x 5 cm) 6. 18 7. False 8. 27 9. 50 10. 48 11. 15 12. 8 cm by 5 cm 13. 8 14. True 15. 40