

Rectilinear Figure Area and Perimeter Review

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4th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. Calculate the area of a rectangle with a length of 8 cm and a width of 5 cm. Area = _____

2. What is the area of a rectangle that has a length of 12 m and a width of 3 m? Area = _____

3. A rectangular garden measures 10 ft by 6 ft. What is the area of the garden?

4. A room is 15 m long and 10 m wide. What is the total area of the room?

5. Circle the greater area: Area of rectangle (4 m x 7 m) or Area of rectangle (5 m x 5 m)

6. What is the area of a rectangle with a length of 9 and width of _____, if the area is 72?

7. A playground is made of two rectangular sections: one is 20 m by 10 m and the other is 10 m by 5 m. What is the total area of the playground?

8. You have a rectangular flower bed that measures 8 ft by 3 ft, and you want to add another section that is 4 ft by 2 ft. What is the total area of both sections?

9. If a rectangle has an area of 48 square units and a width of 6 units, what is the length? Length = _____

10. The area of a rectangle with length 9 and width 4 is 36.

True False

11. A rectangular pool measures 12 m by 5 m. If a deck of 2 m wide surrounds the pool, what is the total area of the pool and deck combined?

12. A rectangular box has dimensions 4 m by 3 m by 2 m. What is the area of the base of the box?

13. A rectangular plot of land has an area of 144 square meters and a length of 12 meters. What is the width? Width = ____

14. If one section of a rectilinear figure has an area of 45 square units and the other has 30 square units, what is the total area?

15. A rectilinear figure is made up of a main rectangle 8 ft by 4 ft and a small rectangle 2 ft by 3 ft. What is the total area of the figure?

Answer Key

1. 40 2. 36 3. 60 4. 150 5. Area of rectangle (5 m x 5 m) 6. 8 7. 250 8. 32 9. 8 10. False 11. 108 12. 12 13. 12 14. 75 15. 38