

# Perimeter and Area Review

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4th Grade Math Practice

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Solve each problem. Show your work when needed.

1. A rectangular garden has a length of 10 meters and a width of 4 meters. What is the area of the garden?

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2. If the perimeter of a square is 24 meters, what is the length of one side?

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3. A swimming pool is 15 meters long and 10 meters wide. What is the perimeter of the pool?

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4. A rectangular field is 30 meters long and 20 meters wide. How many square meters is the area?

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5. What is the perimeter of a rectangle with sides measuring 8 meters and 5 meters? Perimeter =  $2(8 + 5) = \underline{\quad}$

6. Emma has a rectangular picture frame that is 12 inches wide and 16 inches tall. What is the area of the frame?

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7. Circle the greater area: a rectangle with an area of 50 sq. meters or a rectangle with an area of 45 sq. meters.

8. A rectangular pool measures 25 feet by 10 feet. How much water (in square feet) can it hold?

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9. Jonah is making a garden that is 5 feet wide and 9 feet long. What is the perimeter of the garden?

\_\_\_\_\_

10. The area of a rectangle is found by adding its length and width.

True    False

11. A room is 12 feet long and 10 feet wide. If you add a rug that is 2 feet shorter and 3 feet narrower than the room, what is the area of the rug?

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12. A fence surrounds a rectangular yard that measures 14 meters by 6 meters. What is the total length of the fence needed?

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13. If a rectangular box has a length of 8 cm, width of 3 cm, and height of 4 cm, what is the area of the base?

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14. A rectangular table is 5 feet wide and 3 feet long. If a runner covering the table has an area of 15 square feet, how much larger is the runner than the table?

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15. If a square garden has a perimeter of 40 meters, what is the area of the garden?

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**Answer Key**

1. 40   2. 6   3. 50   4. 600   5. 26   6. 192   7. 50   8. 250   9. 28   10. False   11. 54   12. 40   13. 24   14. 12   15. 100