

# Perimeter and Area Word Problems

Grades 3–4

## Directions

Read each problem carefully. Some problems ask for perimeter, and others ask for area. Show your work and write the final answer.

1. A rectangular garden is 6 meters long and 4 meters wide. What is the perimeter of the garden?

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2. A classroom rug measures 8 feet by 5 feet. What is the area of the rug?

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3. A picture frame is 9 inches long and 7 inches wide. What is the perimeter of the frame?

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4. A rectangular playground is 12 meters long and 9 meters wide. What is the area of the playground?

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

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6. A rectangular table is 6 feet long and 4 feet wide. What is the area of the tabletop?

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7. A garden bed is 14 meters long and 5 meters wide. How many meters of fencing are needed to go all the way around the garden bed?

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8. A rectangular poster is 11 inches long and 8 inches wide. What is the area of the poster?

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9. A rectangular room is 18 feet long and 12 feet wide. Baseboards will be placed along the walls. How many feet of baseboards are needed?

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10. A rectangular yard is 20 feet long and 15 feet wide. A 5-foot by 5-foot flower section will NOT be covered with grass. What is the total area that WILL be covered with grass?

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# Answer Key

## Solutions

1. Perimeter =  $2 \times (6 + 4) = 20$  meters
2. Area =  $8 \times 5 = 40$  square feet
3. Perimeter =  $2 \times (9 + 7) = 32$  inches
4. Area =  $12 \times 9 = 108$  square meters
5. Perimeter =  $2 \times (10 + 3) = 26$  feet
6. Area =  $6 \times 4 = 24$  square feet
7. Perimeter =  $2 \times (14 + 5) = 38$  meters
8. Area =  $11 \times 8 = 88$  square inches
9. Perimeter =  $2 \times (18 + 12) = 60$  feet
10. Area =  $(20 \times 15) - (5 \times 5) = 275$  square feet