

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?

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

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

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

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

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

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?

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

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?

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?

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