



# Area and Perimeter (Advanced)

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

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

Grade: Grade 4

## Part A: Fill in the Blank

Write the missing word or number on each line.

1. An L-shape is made of a 7 ft by 5 ft rectangle and a 3 ft by 2 ft rectangle. Total area is \_\_\_\_\_ square feet.
2. A rectangle is 12 m by 5 m. Its area is \_\_\_\_\_ square meters.
3. A rectangle is 9 in by 6 in. Its perimeter is \_\_\_\_\_ inches.
4. A T-shape is made of a 4 cm by 8 cm rectangle and a 3 cm by 2 cm rectangle. Total area is \_\_\_\_\_ square centimeters.
5. A square garden has side 11 m. Its area is \_\_\_\_\_ square meters.
6. A rectangular rug is 8 ft by 3 ft. Its perimeter is \_\_\_\_\_ feet.
7. A rectangular kitchen is 14 ft by 10 ft. Its area is \_\_\_\_\_ square feet.
8. An L-shape is split into a 6 m by 6 m square and a 4 m by 2 m rectangle. Total area is \_\_\_\_\_ square meters.
9. A rectangular desk is 5 ft by 2 ft. Its area is \_\_\_\_\_ square feet.

## Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

L-shape: $5 \times 4 + 2 \times 3$ area	→ _____	30 meters
Rectangle 8 cm by 6 cm area	→ _____	26 square units
Square side 9 in perimeter	→ _____	48 square centimeters
Rectangle 11 m by 4 m perimeter	→ _____	36 inches

## Answer Key · Area and Perimeter (Advanced) · Grade: Grade 4

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### Part A: Fill in the Blank

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Write the missing word or number on each line.

1. An L-shape is made of a 7 ft by 5 ft rectangle and a 3 ft by 2 ft rectangle. Total area is 41 square feet.
2. A rectangle is 12 m by 5 m. Its area is 60 square meters.
3. A rectangle is 9 in by 6 in. Its perimeter is 30 inches.
4. A T-shape is made of a 4 cm by 8 cm rectangle and a 3 cm by 2 cm rectangle. Total area is 38 square centimeters.
5. A square garden has side 11 m. Its area is 121 square meters.
6. A rectangular rug is 8 ft by 3 ft. Its perimeter is 22 feet.
7. A rectangular kitchen is 14 ft by 10 ft. Its area is 140 square feet.
8. An L-shape is split into a 6 m by 6 m square and a 4 m by 2 m rectangle. Total area is 44 square meters.
9. A rectangular desk is 5 ft by 2 ft. Its area is 10 square feet.

### Part B: Matching

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Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

L-shape: $5 \times 4 + 2 \times 3$ area	→ <u>26 square units</u>	30 meters
Rectangle 8 cm by 6 cm area	→ <u>48 square centimeters</u>	26 square units
Square side 9 in perimeter	→ <u>36 inches</u>	48 square centimeters
Rectangle 11 m by 4 m perimeter	→ <u>30 meters</u>	36 inches