



# 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. A 2 by 6 rectangle has a perimeter of 16 units and an area of \_\_\_\_\_ square units.
2. A 4 by 4 square also has a perimeter of 16 units, with an area of \_\_\_\_\_ square units.
3. Two shapes can share the same perimeter while having different \_\_\_\_\_.
4. A 1 by 7 rectangle has a perimeter of 16 units and an area of only \_\_\_\_\_ square units.
5. Among rectangles with perimeter 16, the \_\_\_\_\_ shape gives the largest area.
6. A 3 by 5 rectangle has perimeter 16 and area \_\_\_\_\_ square units.
7. Perimeter is measured in length units, but area is measured in \_\_\_\_\_ units.
8. A square with perimeter 24 cm has each side measuring \_\_\_\_\_ cm.
9. That same square has an area of \_\_\_\_\_ square centimeters.

## Part B: Matching

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

1. Match each item to its correct answer.

2 by 6 rectangle, perimeter 16	→ _____	Area 12 square units
4 by 4 square, perimeter 16	→ _____	Area 16 square units
1 by 7 rectangle, perimeter 16	→ _____	Area 7 square units
3 by 5 rectangle, perimeter 16	→ _____	Area 15 square units

## 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. A 2 by 6 rectangle has a perimeter of 16 units and an area of 12 square units.
2. A 4 by 4 square also has a perimeter of 16 units, with an area of 16 square units.
3. Two shapes can share the same perimeter while having different areas.
4. A 1 by 7 rectangle has a perimeter of 16 units and an area of only 7 square units.
5. Among rectangles with perimeter 16, the square shape gives the largest area.
6. A 3 by 5 rectangle has perimeter 16 and area 15 square units.
7. Perimeter is measured in length units, but area is measured in square units.
8. A square with perimeter 24 cm has each side measuring 6 cm.
9. That same square has an area of 36 square centimeters.

### 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.

2 by 6 rectangle, perimeter 16	→ <u>Area 12 square units</u>	Area 12 square units
4 by 4 square, perimeter 16	→ <u>Area 16 square units</u>	Area 16 square units
1 by 7 rectangle, perimeter 16	→ <u>Area 7 square units</u>	Area 7 square units
3 by 5 rectangle, perimeter 16	→ <u>Area 15 square units</u>	Area 15 square units