



# Area and Perimeter (Advanced)

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

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

Grade: Grade 4

## Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: The area of a 5 ft by 3 ft rectangle is 8 square feet.

Rewrite: \_\_\_\_\_

2. Fix the sentence: A square with side 4 cm has an area of 16 cm.

Rewrite: \_\_\_\_\_

3. Fix the sentence: A rectangle 7 in by 2 in has area 9 square inches.

Rewrite: \_\_\_\_\_

## Part B: Fill in the Blank

Write the missing word or number on each line.

1. A rectangle with length 6 m and width 4 m has area \_\_\_\_\_ square meters.
2. A square with side 5 ft has area \_\_\_\_\_ square feet.
3. A rectangle 9 cm long and 3 cm wide has area \_\_\_\_\_ square centimeters.
4. A rectangle 8 in by 6 in has area \_\_\_\_\_ square inches.

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. Explain in your own words how to find the area of a rectangle in Grade 4.

\_\_\_\_\_  
\_\_\_\_\_

2. A garden is 10 m long and 6 m wide. What is the area, and why must the unit be square meters?

\_\_\_\_\_  
\_\_\_\_\_

**Part A: Fix the Sentence**

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Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: The area of a 5 ft by 3 ft rectangle is 8 square feet.

Rewrite: The area of a 5 ft by 3 ft rectangle is 15 square feet.

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2. Fix the sentence: A square with side 4 cm has an area of 16 cm.

Rewrite: A square with side 4 cm has an area of 16 square cm.

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3. Fix the sentence: A rectangle 7 in by 2 in has area 9 square inches.

Rewrite: A rectangle 7 in by 2 in has area 14 square inches.

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**Part B: Fill in the Blank**

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Write the missing word or number on each line.

1. A rectangle with length 6 m and width 4 m has area 24 square meters.

2. A square with side 5 ft has area 25 square feet.

3. A rectangle 9 cm long and 3 cm wide has area 27 square centimeters.

4. A rectangle 8 in by 6 in has area 48 square inches.

**Part C: Short Answer**

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Answer each question in one or two complete sentences.

1. Explain in your own words how to find the area of a rectangle in Grade 4.

*To find the area of a rectangle, multiply the length by the width. For example, a rectangle 7 ft long and 4 ft wide has an area of  $7 \times 4 = 28$  square feet. Always label the answer with square units.*

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2. A garden is 10 m long and 6 m wide. What is the area, and why must the unit be square meters?

*The area is  $10 \times 6 = 60$  square meters. Area is measured in square units because it tells how many unit squares cover the garden, so we say square meters, not just meters.*

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