



# Perimeter, Area, and Surface Area

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

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

Grade: Grade 5

## Part A: Fix the Sentence

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

1. Fix the sentence: The area of a square with side 6 cm is 24 cm squared.

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

2. Fix the sentence: The perimeter of a pentagon with sides 4, 5, 6, 7, 8 cm is 28 cm.

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

3. Fix the sentence: A book cover that is 2 ft by 2 ft has area 4 ft.

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

## Part B: Fill in the Blank

Write the missing word or number on each line.

- The area of a square with side 9 inches is \_\_\_\_\_ square inches.
- A picture frame has sides 5 cm, 7 cm, 5 cm, and 7 cm; its perimeter is \_\_\_\_\_ cm.
- A square tile measures 1 ft on each side, which equals \_\_\_\_\_ inches per side.
- A square garden has side 11 m; its perimeter is \_\_\_\_\_ meters.

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. Mia has a square scarf with side length 8 inches. What is its area in square inches?

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

2. A hexagonal stop sign has six equal sides of 12 cm. What is the perimeter?

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

### Part A: Fix the Sentence

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

1. Fix the sentence: The area of a square with side 6 cm is 24 cm squared.

Rewrite: The area of a square with side 6 cm is 36 cm squared.

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2. Fix the sentence: The perimeter of a pentagon with sides 4, 5, 6, 7, 8 cm is 28 cm.

Rewrite: The perimeter of a pentagon with sides 4, 5, 6, 7, 8 cm is 30 cm.

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3. Fix the sentence: A book cover that is 2 ft by 2 ft has area 4 ft.

Rewrite: A book cover that is 2 ft by 2 ft has area 4 square feet.

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### Part B: Fill in the Blank

Write the missing word or number on each line.

- The area of a square with side 9 inches is 81 square inches.
- A picture frame has sides 5 cm, 7 cm, 5 cm, and 7 cm; its perimeter is 24 cm.
- A square tile measures 1 ft on each side, which equals 12 inches per side.
- A square garden has side 11 m; its perimeter is 44 meters.

### Part C: Short Answer

Answer each question in one or two complete sentences.

1. Mia has a square scarf with side length 8 inches. What is its area in square inches?

*Area equals 8 times 8, which is 64 square inches.*

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2. A hexagonal stop sign has six equal sides of 12 cm. What is the perimeter?

*Perimeter equals 6 times 12, which is 72 centimeters.*

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