



Area and Perimeter (Advanced)

Name: _____

Date: _____

Grade: Grade 4

Part A: Multiple Choice

Circle the best answer for each question.

1. A rectangle has area 24 sq ft and length 6 ft.

What is the width?

- A) 3 ft
- B) 4 ft
- C) 6 ft
- D) 8 ft

2. A rectangle has area 45 sq m and width 5 m.

What is the length?

- A) 5 m
- B) 8 m
- C) 9 m
- D) 10 m

3. A square has area 64 sq cm. What is the side length?

- A) 6 cm
- B) 7 cm
- C) 8 cm
- D) 16 cm

4. An L-shape is made of a 7 m by 4 m rectangle and a 3 m by 2 m rectangle. What is the total area?

- A) 28 sq m
- B) 30 sq m
- C) 34 sq m
- D) 42 sq m

Part B: Fill in the Blank

Write the correct answer on each line.

1. A rectangle has area 36 sq in and length 9 in. The width is _____ inches.

2. A rectangle has area 56 sq ft and width 7 ft. The length is _____ feet.

3. A square has area 81 sq m. The side length is _____ meters.

4. An L-shape has a 5 cm by 6 cm rectangle and a 2 cm by 3 cm rectangle. The total area is _____ square centimeters.

5. A rectangular yard has area 72 sq ft and length 12 ft. The width is _____ feet.

Part A: Multiple Choice

Circle the best answer for each question.

1. A rectangle has area 24 sq ft and length 6 ft.
What is the width?

- A) 3 ft
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4. An L-shape is made of a 7 m by 4 m rectangle and a 3 m by 2 m rectangle. What is the total area?

- A) 28 sq m
- B) 30 sq m
- C) 34 sq m
- D) 42 sq m

Part B: Fill in the Blank

Write the correct answer on each line.

1. A rectangle has area 36 sq in and length 9 in. The width is 4 inches.
2. A rectangle has area 56 sq ft and width 7 ft. The length is 8 feet.
3. A square has area 81 sq m. The side length is 9 meters.
4. An L-shape has a 5 cm by 6 cm rectangle and a 2 cm by 3 cm rectangle. The total area is 36 square centimeters.
5. A rectangular yard has area 72 sq ft and length 12 ft. The width is 6 feet.