



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: A square rug with side 10 ft has perimeter 100 ft.

Rewrite: _____

2. Fix the sentence: A side of 3 m equals 30 cm.

Rewrite: _____

3. Fix the sentence: The perimeter of a triangle with sides 7, 9, and 11 in is 27 sq in.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A square photo with side 15 cm has area _____ square centimeters.
2. A board is 2 ft long, which equals _____ inches.
3. A quadrilateral has sides 6, 8, 10, and 12 m; perimeter is _____ m.
4. A square room has perimeter 32 ft, so each side is _____ ft.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. A square poster has side 50 cm. Convert this to meters and find the perimeter in meters.

2. An octagonal table has 8 equal sides of 18 inches. What is the perimeter in feet?

Part A: Fix the Sentence

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

1. Fix the sentence: A square rug with side 10 ft has perimeter 100 ft.

Rewrite: A square rug with side 10 ft has perimeter 40 ft.

2. Fix the sentence: A side of 3 m equals 30 cm.

Rewrite: A side of 3 m equals 300 cm.

3. Fix the sentence: The perimeter of a triangle with sides 7, 9, and 11 in is 27 sq in.

Rewrite: The perimeter of a triangle with sides 7, 9, and 11 in is 27 in.

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A square photo with side 15 cm has area 225 square centimeters.

2. A board is 2 ft long, which equals 24 inches.

3. A quadrilateral has sides 6, 8, 10, and 12 m; perimeter is 36 m.

4. A square room has perimeter 32 ft, so each side is 8 ft.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. A square poster has side 50 cm. Convert this to meters and find the perimeter in meters.

50 cm equals 0.5 m; perimeter is 4 times 0.5, which is 2 meters.

2. An octagonal table has 8 equal sides of 18 inches. What is the perimeter in feet?

8 times 18 equals 144 inches; 144 divided by 12 equals 12 feet.
