



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 perimeter of a 5 m by 3 m rectangle is 15 meters.

Rewrite: _____

2. Fix the sentence: A square with side 6 ft has perimeter 12 feet.

Rewrite: _____

3. Fix the sentence: A rectangle 7 in by 2 in has perimeter 14 square inches.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A rectangle with length 8 cm and width 5 cm has perimeter _____ centimeters.

2. A square with side 9 ft has perimeter _____ feet.

3. A rectangle 12 m by 4 m has perimeter _____ meters.

4. A rectangle 10 in long and 7 in wide has perimeter _____ inches.

Part C: Short Answer

Answer each question in one or two complete sentences.

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

2. Why is perimeter measured in regular units like meters, but area is measured in square meters?

Part A: Fix the Sentence

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

1. Fix the sentence: The perimeter of a 5 m by 3 m rectangle is 15 meters.

Rewrite: The perimeter of a 5 m by 3 m rectangle is 16 meters.

2. Fix the sentence: A square with side 6 ft has perimeter 12 feet.

Rewrite: A square with side 6 ft has perimeter 24 feet.

3. Fix the sentence: A rectangle 7 in by 2 in has perimeter 14 square inches.

Rewrite: A rectangle 7 in by 2 in has perimeter 18 inches.

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A rectangle with length 8 cm and width 5 cm has perimeter 26 centimeters.
2. A square with side 9 ft has perimeter 36 feet.
3. A rectangle 12 m by 4 m has perimeter 32 meters.
4. A rectangle 10 in long and 7 in wide has perimeter 34 inches.

Part C: Short Answer

Answer each question in one or two complete sentences.

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

To find the perimeter, add the lengths of all four sides. For a rectangle, you can use $2L + 2W$. For example, a 9 m by 4 m rectangle has perimeter $2(9) + 2(4) = 18 + 8 = 26$ meters.

2. Why is perimeter measured in regular units like meters, but area is measured in square meters?

Perimeter is a single length all the way around a shape, so it uses one-dimensional units like meters. Area covers a flat surface using unit squares, so it needs two-dimensional units called square meters.
