

PERIMETER OF A RECTANGLE WORKSHEET – HARD (CLASS 5)

Name: _____ Date: _____

SECTION 1: Multiple Choice

1. The perimeter of a rectangle is 40 cm. If length = 12 cm, breadth = ?
 8 cm
 10 cm
 16 cm
 2. A rectangle has perimeter 60 m and breadth 10 m. Length = ?
 20 m
 15 m
 25 m
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SECTION 2: True or False

1. Two rectangles can have the same perimeter but different dimensions. _____
 2. If perimeter = 50 cm and length = 15 cm, breadth = 10 cm. _____
 3. Perimeter helps us find the boundary length. _____
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SECTION 3: Problem Solving

1. Perimeter = 48 cm, Length = 14 cm
Breadth = _____
2. Perimeter = 100 m, Breadth = 20 m
Length = _____
3. A rectangle has length 25 cm and perimeter 70 cm.
Breadth = _____

SECTION 4: Reasoning

Why is the formula $2 \times (\text{length} + \text{breadth})$ used instead of adding all sides separately?

Answer: _____

SECTION 5: Word Problems

1. A rectangular playground has perimeter 90 m. If length is 25 m, find breadth.

Answer: _____

2. A ribbon is placed around a rectangular card of length 18 cm and breadth 11 cm.

How much ribbon is needed?

Answer: _____

SECTION 6: Error Check

Riya solved:

Length = 8 cm, Breadth = 4 cm

Perimeter = $8 \times 4 = 32$ cm

What mistake did she make?

Answer: _____

SECTION 7: Higher Thinking

Create your own rectangle problem where the perimeter is 36 cm.

Example: _____