

PERIMETER OF A TRIANGLE WORKSHEET – HARD (CLASS 5)

Name: _____ Date: _____

SECTION 1: Multiple Choice

1. If a triangle has sides 9 cm, 9 cm, and 12 cm, perimeter is:
 30 cm
 28 cm
 27 cm
 2. Which triangle has perimeter 21 cm?
 7 cm, 7 cm, 7 cm
 6 cm, 6 cm, 6 cm
 5 cm, 5 cm, 5 cm
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SECTION 2: True or False

1. Perimeter is the total boundary length. _____
 2. You multiply all sides to get perimeter. _____
 3. A triangle can have more than 3 sides. _____
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SECTION 3: Problem Solving

1. One side = 7 cm, second side = 9 cm, third side = 11 cm
Perimeter = _____
 2. An equilateral triangle side = 15 cm
Perimeter = _____
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SECTION 4: Reasoning

A triangle has perimeter 24 cm. Two sides are 8 cm and 7 cm.

Third side = _____

Explain how you found it: _____

SECTION 5: Real-Life Challenge

A triangular playground has sides 20 m, 15 m, and 18 m.

How much fencing is needed? _____

SECTION 6: Draw and Label

Draw:

1. Isosceles Triangle
2. Scalene Triangle

Write the perimeter formula for each.

SECTION 7: Higher Thinking

Can two different triangles have the same perimeter? Explain with an example.