PERIMETER

What Is a Polygon?

polygon – a plane figure with three or more sides that are all straight.

regular polygon – a polygon which sides and angles are ALL equal.

Calculating the PERIMETER of regular polygons:

The **perimeter** of a polygon is the SUM of all its length.

- To find the **perimeter** of a polygon, **ADD** the length of all the sides together.

Example:

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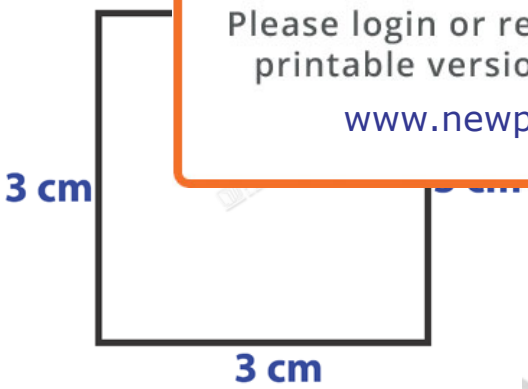

To find the perimeter of this square, we need to add the length of all its sides:

3 cm + 3 cm + 3 cm + 3 cm = 12 cm

The perimeter of this square is 12 cm.

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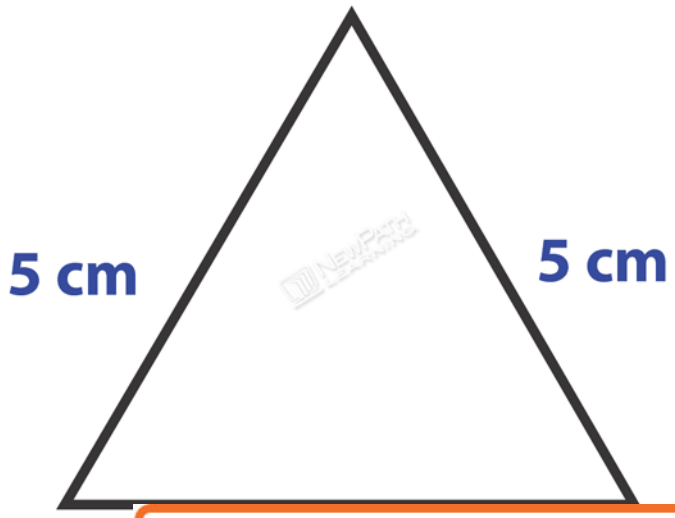
Another example:



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To find the gth of all its sides:

5 cm + 5 cm + 5 cm = 15 cm

The perimeter of this triangle is 15 cm.

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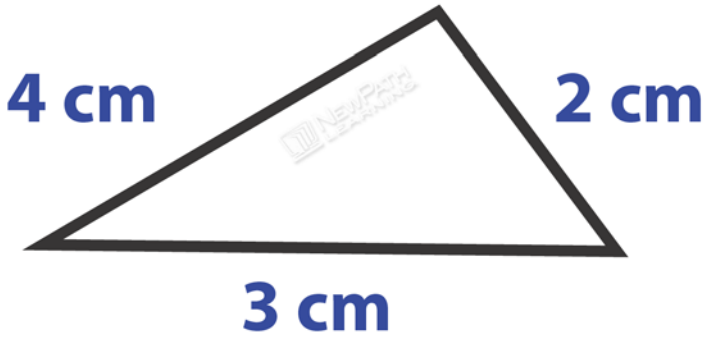
Calculating the PERIMETER of irregular polygons:

irregular polygons – a polygon that does NOT have all equal sides and angles.



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To find the three sides of dif s sides:

The perimeter of this scalene triangle is 9 cm.

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