

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

Exa



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

$$3 \text{ cm} + 3 \text{ cm} + 3 \text{ cm} + 3 \text{ cm} = 12 \text{ cm}$$

The perimeter of this square is 12 cm.

Another example:



PREVIEW

To find its s
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5 cm + 5 cm + 5 cm = 15 cm

The perimeter of this triangle is 15 cm.



Calculating the PERIMETER of irregular polygons:

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



To find
side

The



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