


## Perimeter of Polygons

Add to find the perimeter of a polygon.

	<p><b>Step 1:</b> Make a list of the measurements of each side.</p> <p>3.6, 5.4, 5.75, 3.75</p>	<p><b>Step 2:</b> Add.</p> $\begin{array}{r} 3.6 \\ 5.4 \\ 5.75 \\ + 3.75 \\ \hline 14.50 \end{array}$ <p>The perimeter is 14 m.</p>
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Multiply to find the perimeter of a regular polygon.

	<p><b>Step 1:</b> Count the number of sides.</p> <p>The pentagon has 5 sides.</p>	<p><b>Step 2:</b> Multiply the length of a side by the number of sides, when all sides are the same length.</p> $15 \times 5 = 75$ <p>The perimeter of the polygon is 75 cm.</p>
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Find the perimeter of each polygon.



Use mental math to find the length of each missing side. Find the length of a side of a regular polygon by dividing the perimeter by the number of sides.

4. any side of a square, given  $P = 64$  mm

5. any side of a regular hexagon, given  $P = 66$  m