
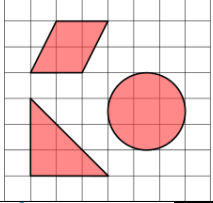

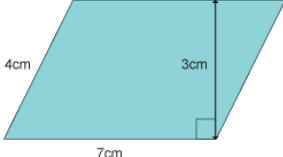
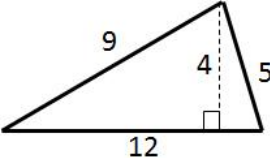
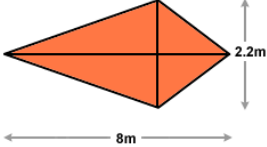
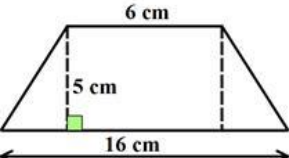
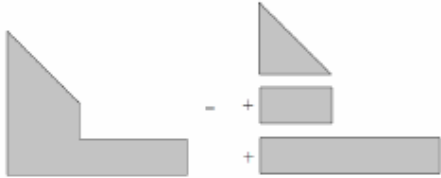


## Topic: Perimeter and Area

Topic/Skill	Definition/Tips	Example
1. Perimeter	The <b>total distance</b> around the <b>outside</b> of a shape.  Units include: <i>mm, cm, m</i> etc.	<div style="text-align: center;">  <p><math>P = 8 + 5 + 8 + 5 = 26cm</math></p> </div>
2. Area	The amount of <b>space inside</b> a shape.  Units include: <i>mm<sup>2</sup>, cm<sup>2</sup>, m<sup>2</sup></i>	<div style="text-align: center;">  </div>
3. Area of a Rectangle	<b>Length x Width</b>	<div style="text-align: center;">  <p><math>A = 36cm^2</math></p> </div>
4. Area of a Parallelogram	<b>Base x Perpendicular Height</b> Not the slant height.	<div style="text-align: center;">  <p><math>A = 21cm^2</math></p> </div>
5. Area of a Triangle	<b>Base x Height ÷ 2</b>	<div style="text-align: center;">  <p><math>A = 24cm^2</math></p> </div>
6. Area of a Kite	Split in to <b>two triangles</b> and use the method above.	<div style="text-align: center;">  <p><math>A = 8.8m^2</math></p> </div>
7. Area of a Trapezium	$\frac{(a + b)}{2} \times h$ <p>“Half the sum of the parallel side, times the height between them. That is how you calculate the area of a trapezium”</p>	<div style="text-align: center;">  <p><math>A = 55cm^2</math></p> </div>
8. Compound Shape	A shape made up of a <b>combination of other known shapes</b> put together.	<div style="text-align: center;">  </div>