
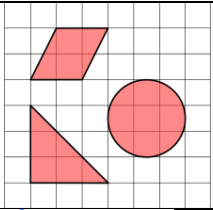

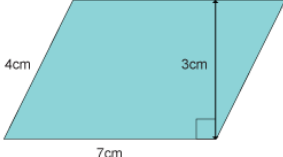
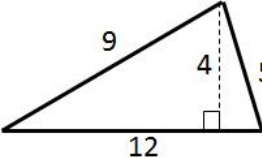
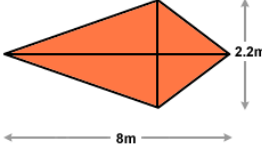
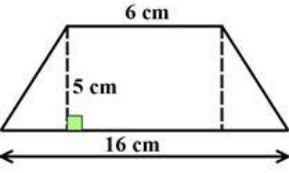
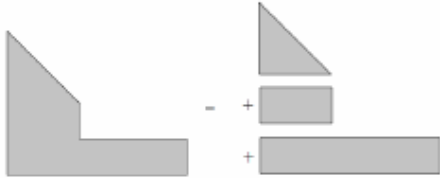


Core Knowledge

Topic/Skill	Definition/Tips	Example
1. Perimeter	The total distance around the outside of a shape. Units include: <i>mm, cm, m</i> etc.	<p>8 cm</p>  <p>5 cm</p> <p>$P = 8 + 5 + 8 + 5 = 26cm$</p>
2. Area	The amount of space inside a shape. Units include: mm^2, cm^2, m^2	
3. Area of a Rectangle	Length x Width	 <p>9 cm</p> <p>4 cm</p> <p>$A = 36cm^2$</p>
4. Area of a Parallelogram	Base x Perpendicular Height Not the slant height.	 <p>4cm</p> <p>7cm</p> <p>3cm</p> <p>$A = 21cm^2$</p>
5. Area of a Triangle	Base x Height ÷ 2	 <p>9</p> <p>4</p> <p>5</p> <p>12</p> <p>$A = 24cm^2$</p>
6. Area of a Kite	Split in to two triangles and use the method above.	 <p>2.2m</p> <p>8m</p> <p>$A = 8.8m^2$</p>
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>	 <p>6 cm</p> <p>5 cm</p> <p>16 cm</p> <p>$A = 55cm^2$</p>
8. Compound Shape	A shape made up of a combination of other known shapes put together.	

Links to four operations, substitution, surface area, volume