

Topic 9: Area and perimeter	Key ideas
<ul style="list-style-type: none"> <li><input type="checkbox"/> Find the area of a rectangle and triangle <a href="#">Mathswatch G20a and G20C</a></li> <li><input type="checkbox"/> Calculate the perimeter of rectangles, squares and rectilinear figures <a href="#">Mathswatch G8a and G8b</a></li> <li><input type="checkbox"/> Calculate and work with perimeters</li> <li><input type="checkbox"/> Solve problems involving length, perimeter and area</li> <li><input type="checkbox"/> Estimate answers in calculations and check that results are reasonable</li> </ul>	<p>I can calculate the perimeter of a variety of shapes.</p> <p>I can calculate the area of a triangle using the formula.</p> <p>I can calculate the area of a parallelogram using the formula.</p> <p>I can calculate the area of compound shapes.</p> <p>I know the common units of length and area.</p>

**Key vocabulary**

Area	The space occupied by a flat shape. The area is the amount of units that the shape has covered. Units are squared. e.g. $m^2$ , $cm^2$ , $mm^2$ , etc.
Perimeter	The perimeter is the length around the outside of the shape.
Rectangle	A quadrilateral (four sided shape) with four right angles and two pairs of parallel lines.
Triangle	A triangle has three edges and three vertices.
Square	A square is a quadrilateral which has four equal sides and four right angles.