

Topic 12: Angles	Key ideas
<ul style="list-style-type: none"> □ Recognise acute, right, obtuse and reflex angles <i>Mathswatch G10a</i> □ Know and use the fact that the angles round a point total 360°, that angles on a straight line total 180°, and that vertically opposite angles are equal <i>Mathswatch G13</i> □ Know and use the fact that the sum of interior angles of a triangle is 180° <i>Mathswatch G13 and G17</i> □ know and use the fact that the interior angles of a quadrilateral sum to 360° <i>Mathswatch G14</i> □ Extend by including problem solving involving algebra and reasoning. 	<p>I can use a protractor to measure an angle.</p> <p>I can use three-letter notation to describe any angle.</p> <p>I know the meaning of the terms ‘acute’, ‘obtuse’, ‘reflex’, ‘right’ and how to use these terms to describe angles.</p> <p>I can calculate angles on a line and around a point.</p> <p>I can calculate angles in a triangle and quadrilaterals.</p>

Key vocabulary

Angle	A measure of turn.
Acute	Angle less than 90° .
Obtuse	Angle larger than 90° , smaller than 180° .
Reflex	Angle larger than 180° , smaller than 360° .
Vertically Opposite	Angles that are opposite each other when two lines cross. Vertically opposite angles are equal.
Quadrilateral	A polygon (<i>2-D shape</i>) with four sides.
Interior	Inside a shape.
Exterior	Outside a shape.