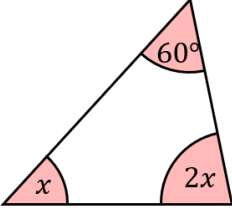
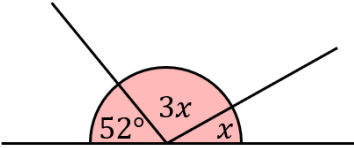
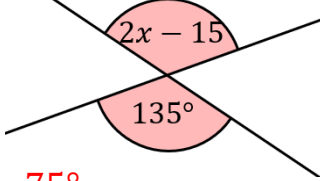
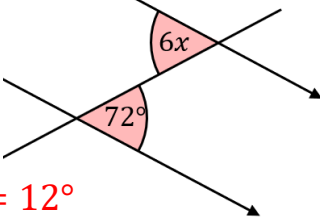
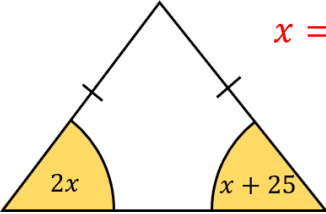
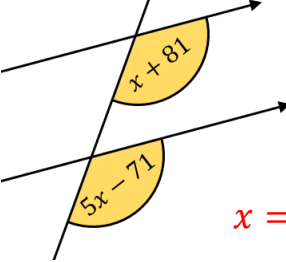
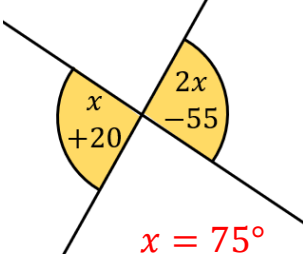
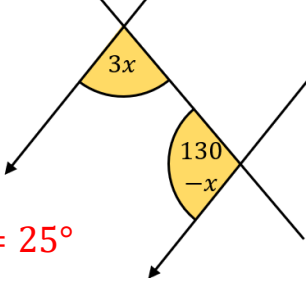
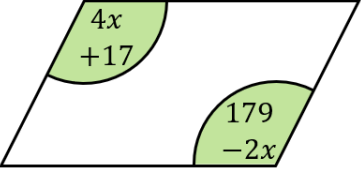
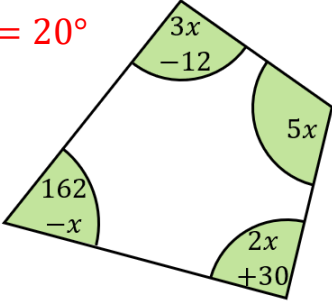
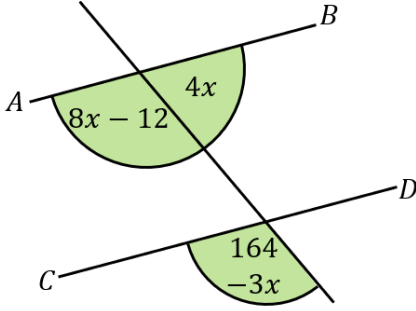


Using Algebra in Angles

(a)	(b)	(c)	(d)
<p>Find the value of x.</p> <p style="color: red;">$x = 40^\circ$</p> 	<p>Find the value of x.</p>  <p style="color: red;">$x = 32^\circ$</p>	<p>Find the value of x.</p>  <p style="color: red;">$x = 75^\circ$</p>	<p>Find the value of x.</p>  <p style="color: red;">$x = 12^\circ$</p>
(e)	(f)	(g)	(h)
<p>Find the value of x.</p>  <p style="color: red;">$x = 25^\circ$</p>	<p>Find the value of x.</p>  <p style="color: red;">$x = 38^\circ$</p>	<p>Find the value of x.</p>  <p style="color: red;">$x = 75^\circ$</p>	<p>Find the value of x.</p>  <p style="color: red;">$x = 25^\circ$</p>
(i)	(j)	(k)	
<p>The diagram shows a parallelogram. Find the value of x.</p>  <p style="color: red;">$x = 27^\circ$</p>	<p>Find the value of x.</p> <p style="color: red;">$x = 20^\circ$</p> 	<p>Show that the lines AB and CD are parallel.</p>  <p style="color: red;">Angles on a straight line AB gives $8x - 12 + 4x = 180$ $x = 16^\circ$ If AB and CD are parallel then corresponding angles are equal $8x - 12 = 164 - 3x$ $x = 16$ Hence lines are parallel</p>	