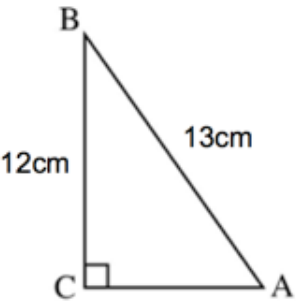
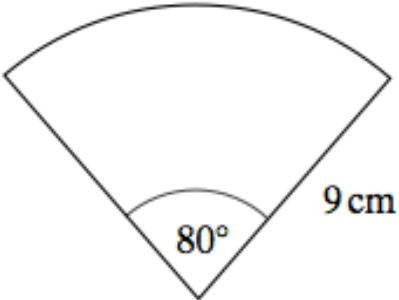


Name: \_\_\_\_\_

November 8	5-a-day	Higher
 <p>A right-angled triangle ABC is shown. The right angle is at vertex C. Side BC is labeled 12cm. The hypotenuse AB is labeled 13cm. Vertex B is at the top, C is at the bottom left, and A is at the bottom right.</p>		Find the size of angle ABC.
<p>The sum of the interior angles in a polygon is <math>7380^\circ</math>.</p> <p>Calculate the number of sides the polygon has.</p>		
<p>Solve the simultaneous equations</p> $4x - y = 17$ $y = x - 2$		
<p>Rationalise the denominator</p> $\frac{12}{\sqrt{3}}$		
 <p>A sector of a circle is shown. The central angle is labeled <math>80^\circ</math>. The radius is labeled 9cm.</p>		Find the area of the sector.