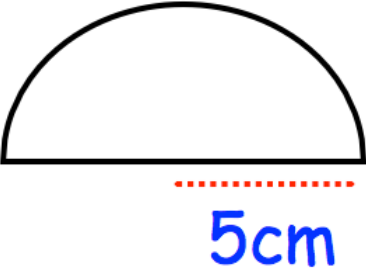
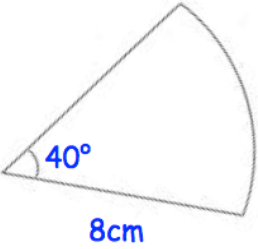
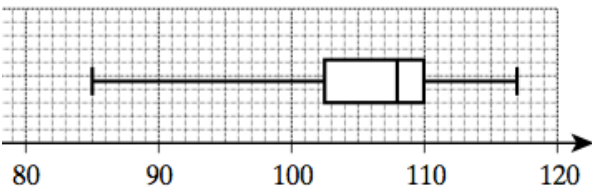


Name: _____

February 6	5-a-day	Higher
 <p>A semi-circle is shown with a horizontal diameter. Below the diameter, a red dotted line indicates its length, which is labeled as 5 cm in blue text.</p>		Calculate the perimeter of this semi-circle.
<p>The ratio of the sizes of angles in a quadrilateral is 1:2:2:5</p>		Work out the size of each angle.
<p>Find the area of the sector.</p>  <p>A sector of a circle is shown. The central angle is labeled as 40° in blue. The radius of the sector is labeled as 8 cm in blue.</p>		
<p>Write down the Sine Rule</p>		<p>Write down the Cosine Rule</p>
 <p>The IQs of some children are shown above.</p> <p>A box plot is shown on a grid. The horizontal axis is labeled with IQ scores: 80, 90, 100, 110, and 120. The box plot shows a minimum at approximately 85, a first quartile at 102, a median at 108, a third quartile at 110, and a maximum at 118.</p>		<p>Two are chosen at random.</p> <p>What is the probability of both have an IQ over 110?</p>