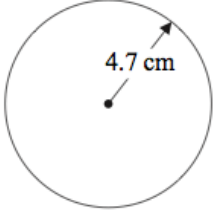


Name: _____

July 19	5-a-day	Higher
<p>Work out the circumference of this circle.</p>  <p>A diagram of a circle with a center point. A radius is drawn from the center to the circumference, labeled '4.7 cm'.</p>		
<p>A car travels 100 miles in 1 hour and 45 minutes.</p> <p>Calculate it's speed.</p>		
<p>The Earth and the Sun are 150000000km apart.</p> <p>Write this number in standard form.</p>		<p>Convert 150000000km into metres. Write the answer in standard form.</p>
<p>Simplify</p> $\frac{2a + 12}{a^2 - 36}$		
<p>A cylinder has radius y cm and height $2y$.</p> <p>Write an expression for the volume of the cylinder.</p>		