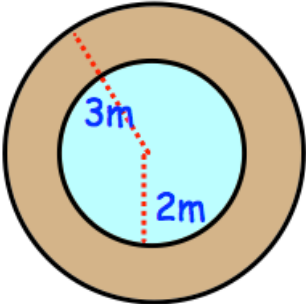


Name: _____

March 11th	5-a-day	Higher
<p>Triangle ABC is isosceles.</p> <p>One angle is x Another angle is $2x$</p> <p>Find the two possible values of x</p>		
<p>Answer 1 $x =$ _____</p>		<p>Answer 2 $x =$ _____</p>
<p>Which equation has solutions which are rational?</p> <p>$\frac{4y^2}{6} = 10$ $\frac{4y^2}{8} = 11$ $\frac{4y^2}{3} = 12$</p>		
<p>Write down the gradient of a line that is perpendicular to the line $y = 2x$</p>		<p>Write down the equation of a line perpendicular to $y = 2x$</p>
 <p>The diagram shows a circular path. It consists of an inner circle with a radius of 3m and an outer circle with a radius of 2m. The path is the annular region between these two circles. The radii are indicated by dashed red lines from the center to the inner and outer boundaries, labeled '3m' and '2m' respectively.</p>		<p>Calculate the area of the path</p>