
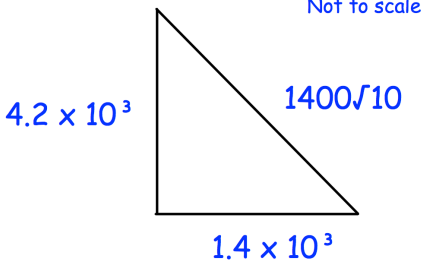


17th October	
<p>m is inversely proportional to x^2</p> <p>when $m = 3$, $x = 5$</p> <p>Find the value of m when $m = x$</p>	 Corbettmaths
<p>Solve the simultaneous equations</p> $x + y = 10$ $y = 2x^2 + 4$	
<p style="text-align: center;">Not to scale</p> 	<p>Is the triangle shown a right angle triangle?</p>
<p>The lengths of the sides of a triangle are in the ratio 5:6:9</p> <p>Calculate the size of the smallest angle.</p>	
<p>The point M has coordinates $(1, \sqrt{2})$ and the point N has coordinates $(\sqrt{2}, 3)$.</p> <p>Find the gradient of MN in the form $a + b\sqrt{2}$</p>	