
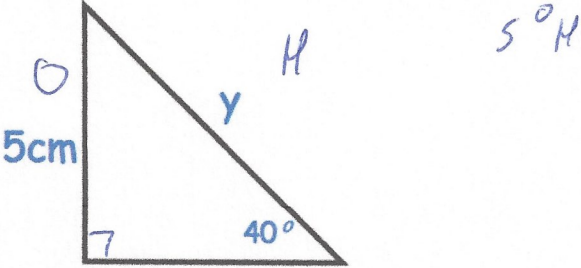


9th October		 Corbettmaths
<p>Write down an estimate for <math>\sqrt[3]{30}</math></p> <p><math>\sqrt[3]{27} = 3</math> <math>\sqrt[3]{64} = 4</math></p>	$\approx 3.1$	
<p>Expand and simplify</p> <p><math>(y + 3)(y + 5)</math></p> <p><math>y^2 + 5y + 3y + 15</math> <math>y^2 + 8y + 15</math></p>		
 <p>5cm 7 40° H</p>	Find y	$y = \frac{5}{\sin 40}$ $= 7.779 \text{ cm}$
<p>Work out the equation of the line passing through A (0, 1) and B (2, 4).</p> <p><math>\frac{\text{rise}}{\text{run}} = \frac{3}{2} = 1.5</math></p> <p><math>y = 1.5x + 1</math></p>	Write down the equation of the line parallel to AB and passing through (0, 7)	$y = 1.5x + 7$
<p>The sum of the interior angles in a polygon is 7380°.</p> <p>Calculate the number of sides the polygon has.</p>	$(n - 2) \times 180 = 7380$ $n - 2 = 41$ $n = 43$ <hr style="width: 50px; margin-left: auto; margin-right: auto;"/>	