
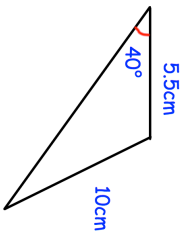

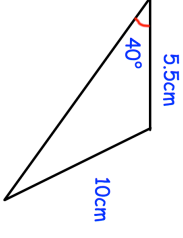


31st August		 Corbettmaths
<p>C has coordinates <math>(-6, 2)</math>            D has coordinates <math>(-2, -6)</math>            E has coordinates <math>(1, 3)</math></p> <p>Find the equation of the line perpendicular to CD and passing through E.</p>	<p>Give your answer in the form <math>ax + by + c = 0</math>, where a, b and c are integers.</p>	
<p>The speed limit on a road is 50km/h</p> <p>It took Sam 60 seconds, correct to the nearest 5 seconds, to drive along a road that is 780m long, correct to 2 significant figures.</p>	<p>Could Sam have broken the speed limit?</p>	
	<p>Calculate the area of the triangle</p>	
<p>Find the coordinates of the points where the line <math>x + 5y = 37</math> and the curve <math>y = x^2 + x + 2</math> meet.</p>		
<p>Prove <math>(4n + 1)^2 - (2n - 1)</math> is an even number for all positive integers values of n.</p>		

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