
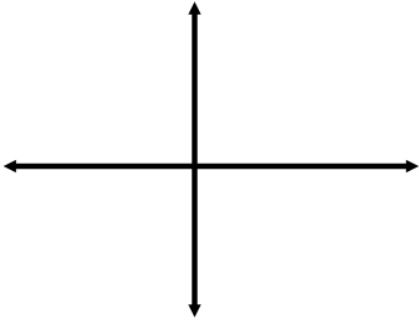


11th March	
<p>Find the set of values of x that satisfies both</p> $5(x + 3) < 3 - x$ <p>and</p> $2x^2 - 17x - 30 \geq 0$	 Corbettm@ths
<p>Sketch</p> $y = x^2(x + 4)$ <p>showing the coordinates where the curve meets the axes.</p>	
<p>The line L_1 has equation $y = 3x - 2$ The line L_2 is perpendicular to L_1 and passes through the point $(5, -1)$</p> <p>Find the equation of L_2 in the form $y = mx + c$</p>	
<p>The lines L_1 and L_2 intersect at the point C.</p> <p>Find the coordinates of C.</p>	
<p>The lines L_1 and L_2 cross the x-axis at the points A and B respectively.</p> <p>Calculate the area of triangle ABC.</p>	