
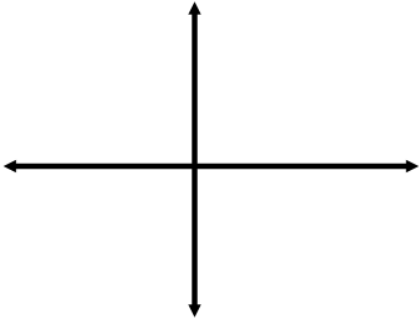


21st April	
<p>Solve the inequality</p> $x(x + 2) \leq 0$	 Corbettm@ths
<p>Sketch</p> $y = x^3 - 18x^2 + 81x$ <p>label all coordinates where the curve crosses the axes.</p>	
<p>Find the equation of the straight line that passes through the point (1, 4) and that is perpendicular to another straight line that passes through the points (0, 2) and (-4, 9).</p> <p>Give your answer in the form $ax + by + c = 0$</p>	
$\sum_{r=1}^{30} (22 - 4r)$	
<p>A curve has equation $y = x^3 + x^2 - 5x + 2$.</p> <p>There are two coordinates on C where the gradient of the tangent to C is equal to 3.</p>	<p>Find the coordinates of these points.</p>