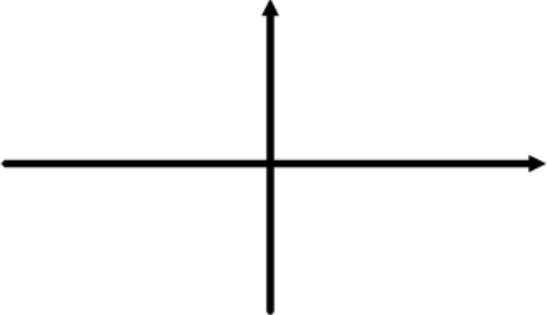


13th February	5-a-day	Core 1
<p>The point A is (2, 8) and point B is (10, 0)</p> <p>Find the equation of the straight line that passes through A and B. Give your answer in the form $ax + by + c = 0$.</p>		
<p>Write in the form 5^n</p> <p>125</p>	$\frac{1}{25}$	
<p>Sketch</p> $y = \frac{1}{x}$		
<p>A curve has equation $y = x^2 - 4$ A straight line has equation $3x + y = 0$</p> <p>Find the coordinates of the points where the line and curve intersect.</p>		
<p>The point Q lies on the curve C with equation $y = 5x^2 - x + 1$</p> <p>Given that the x-coordinate of Q is -2, find the equation of the normal to C at Q.</p>		