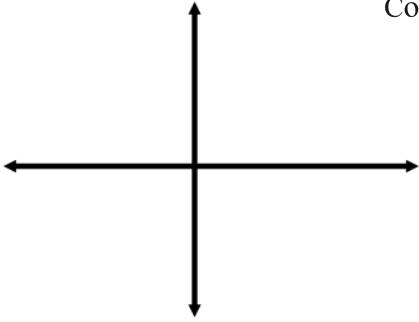


10th May	
<p>Given that</p> $f(x) = \frac{1}{x}$ <p>Sketch the graph of $y = f(-x)$</p>	 <p>Corbettm@ths</p>
<p>The fifth term of an arithmetic series is 512.</p> <p>The sum of the first 6 terms is 3009</p> <p>Find a and d</p>	
<p>The curve C has equation $y = f(x)$</p> <p>Given that</p> $\frac{dy}{dx} = 6x - \frac{2}{x^3}$ <p>and the point P (1, 0) lies on C</p>	<p>Find the equation of the tangent to C at P.</p>
<p>Find the equation of C</p>	
<p>Find the real solutions to the equation</p> $x^4 = 6x^2 + 16$	