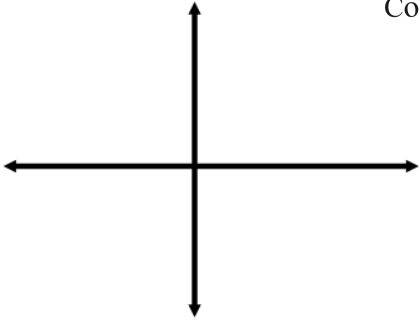


25th Feb	
<p>Given that</p> $f(x) = \frac{1}{x}$ <p>Sketch the graph of <math>y = f(x) + 2</math></p>	 <p>Corbettm@ths</p>
<p>Factorise fully</p> $3y^2 - 363$	<p>Factorise</p> $1 - x^2$
$\sum_{r=1}^{24} (6r - 1)$	
<p>Find where the graphs intersect</p> $2x - y + 3 = 0$ $y = x^2 + 3x + 2$ <p>Give your answers in the form <math>a + b\sqrt{5}</math> where a and b are constants.</p>	
<p>The equation of the tangent to the curve <math>y = 5x^2 + 3</math> at the point A is <math>y = -10x + c</math></p> <p>Find the coordinates of A and also the value of c</p>	