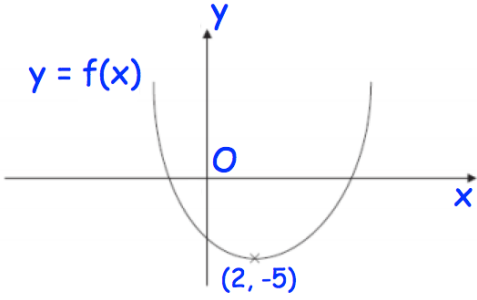
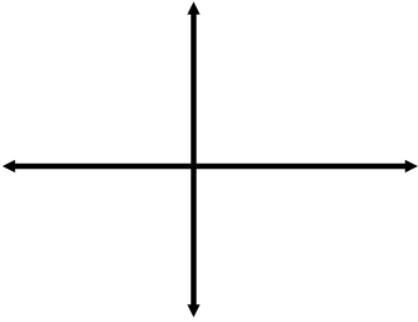
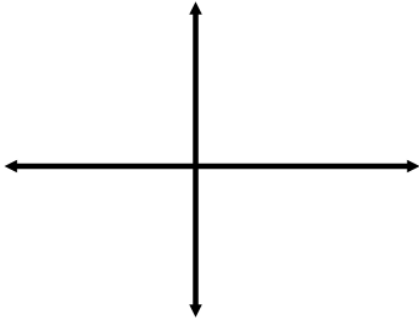
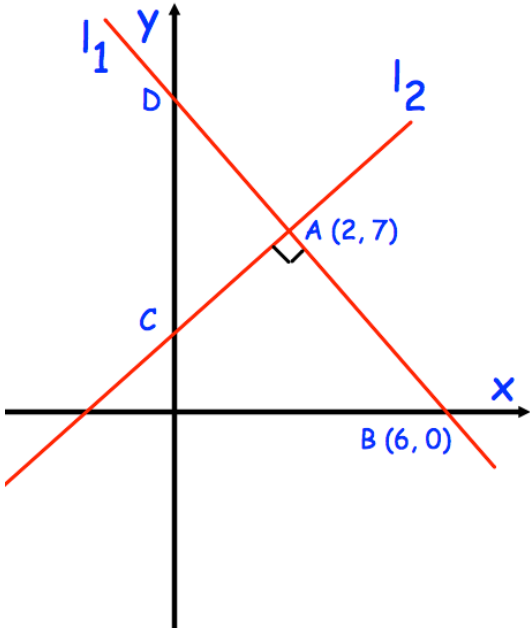


<p><b>3rd Feb</b></p>	
<p>Shown is <math>f(x)</math></p> <p>Sketch</p> <p>a) <math>\frac{1}{2}f(x)</math> b) <math>f(\frac{1}{2}x)</math></p>	 <p style="text-align: right;">Corbettm@ths</p>
	
<p>The points A and B lie on the line <math>L_1</math> and have coordinates <math>(2, 7)</math> and <math>(6, 0)</math>.</p> <p>The line <math>L_2</math> is perpendicular to <math>L_1</math> and passes through A.</p>	
<p>Find the equation of line <math>L_2</math> in the form <math>ax + by + c = 0</math></p>	
<p>Find the area of triangle ACD</p>	