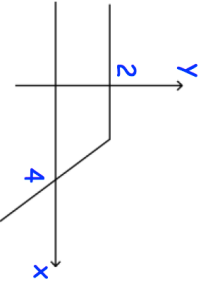
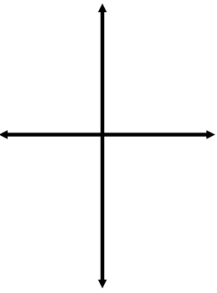
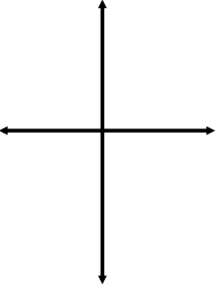
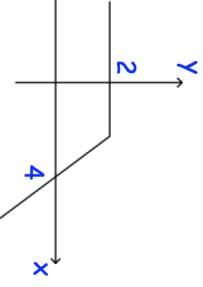
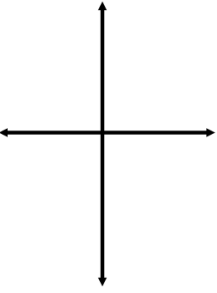
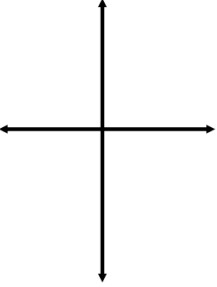


17th January	Corbettmaths
Simplify fully $\frac{4x^2 - 25}{6x^2 - 11x - 10}$	
Shown is the graph of the function $y = f(x)$ Sketch (a) $f(x + 1)$ (b) $f(-x)$	
	
A formula for the area of a regular hexagon with side length x is given. Prove this formula.	$\text{Area} = \frac{3}{2} \sqrt{3} x^2$
The straight line l_1 has equation $3x + y - 1 = 0$ The straight line l_2 is perpendicular to line l_1 and passes through the point $(8, 2)$ Find the equation of l_2 in the form $y = mx + c$	

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