
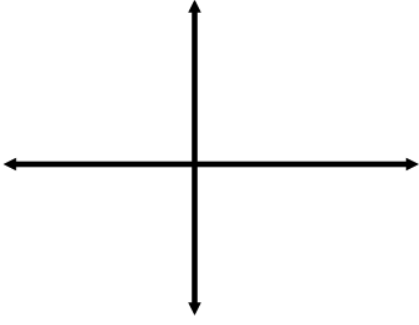


13th June		 Corbettmaths
If $y = 2x^{-6}$ Find $\frac{dy}{dx}$	If $y = x(x + 3)(2 + x)$ Find $\frac{dy}{dx}$	
Sketch $y = (x + 3)(x + 4)(x + 5)$ Showing any coordinates where the curve meets the axes.		
A sequence a_1, a_2, a_3, \dots is defined as $a_{n+1} = 32 - \frac{3}{4}a_n$ Given $a_1 = 16$ Find a_2		
Find $\int 4\sqrt{x} \, dx$		
Solve $10 - 2x - x^2 \geq 0$		