
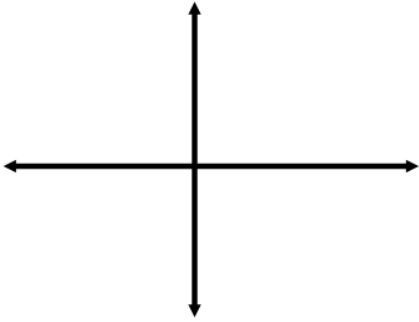


27th May	
Factorise fully $y = x^3 - 36x$	 Corbettmaths
Sketch $y = x^3 - 36x$ Showing any coordinates where the curve meets the axes.	
Find, in terms of k, the 20th term of the arithmetic sequence $(2k - 1), (5k + 1), (8k + 3), \dots$	
The curve C has equation $y = x^3 + x - 12x^{1/2} \quad x > 0$	Show the point $P(1, -10)$ lies on C
Find the equation of the tangent to C at P.	