


16th Jan	
Factorise completely $x^3 - 25x$	 Corbettmaths
An arithmetic series has a first term of 8. The common difference is 3.  Find the sum of the first 20 terms of the series.	
A curve has equation $y = ax^2 + bx + c$  The curve crosses the x-axis at (3, 0) and (4, 0)  The curve crosses the y-axis at (0, 12)	Find the values of a, b and c.
Solve the equation $x^2 + 8x - 2 = 0$	
A curve has equation $y = 4x^2 + x + 1$  Show the tangent to the curve at the point where $x = 2$ is parallel to the line with equation $3y = 51x + 9$	