


12th Jan	
Solve $2x^2 - 5x + 3 < 0$	 Corbettmaths
Point A has coordinates (4, 8) Point B has coordinates (10, -6) Find the equation of the line perpendicular to AB, that passes through the midpoint of AB.	
Find, in terms of k, the 20th term of the arithmetic sequence (5k - 3), (8k + 1), (11k + 5),	
The curve with equation $y = f(x)$ passes through the point (9, 2) Given $f'(x) = 3x^{-\frac{1}{2}} + 1$	Find $f(x)$
The curve C has equation $y = (x + 1)(x + 2)(x + 3)$ The point A, with x-coordinate -4 lies on C.	Find the equation of the tangent to C at A.