


5th Jan	
Simplify $(81x^8)^{-\frac{3}{4}}$	 Corbettmαths
Rationalise the denominator of $\frac{\sqrt{5}}{\sqrt{3} + 2}$	
Find the minimum value of $x^2 + 6x + 20$ and the value of x for which it occurs.	
The curve C has equation $y = x^3 + x - 12x^{\frac{1}{2}} \quad x > 0$	Find $\frac{dy}{dx}$
Show the point P(4, 44) lies on C	Find the equation of the normal to C at P.