27th November

Corbettmaths

Given that $b = 3^y$ Write 3^{2y} in terms of b	
The distance between the points (1, 2) and (16, p) is 17. Find the possible values of p.	
Find the first 3 terms, in ascending powers of x of the expansion of $(2 + 9x)^5$	
Work out the equation of the normal to the curve $y = x^3 - 4x + 9$ at the point where $x = 0$	