

7th May



Corbettmaths

Find the value of n for which

$$3^n = \frac{1}{27}$$

Find

$$\sum_{r=1}^{50} (100 - 3r)$$

Find the coordinates of the point where the lines $y = 2x + 5$ and $x + 5y = 3$ intersect

The point P lies on the curve C with equation $y = 5x^2 - 4x + 3$.

Given that the x -coordinate of P is -1 , find the equation of the normal to C at P

Sketch

$$y = (x + 1)(x + 3)^2$$

