

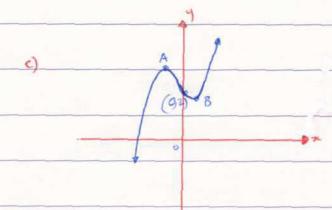
Question Six:

a)

(ii)
$$S_n = \frac{n}{2} \left[2\alpha + (n-1)d \right]$$

$$S_{60} = \frac{60}{2} \left[2x - 1 + (60 - 1)5 \right]$$





$$y' = 3n^2 + 2n - 1$$
 $3 \quad 3 \quad 3$

$$\left(9c-2\right)\left(x+\frac{2}{3}\right)$$

(11)