

0014/04



point 1. (0,0)

obviously the origin, is not B.

poin+2 (4,8) = B.

$$(ii) = \int_0^4 \left[ 2n - (6n - x^2) \right] dx$$

$$= \int_{0}^{4} 2\pi - 6\pi + x^{2} dx = \left[ x^{2} - 3x^{2} + x^{3} \right]_{0}^{4}$$

$$= \frac{(4)^2 - 3(4)^2 + (4)^3}{3} - \frac{6^2 - 3(0)^2 + 0^3}{3}$$