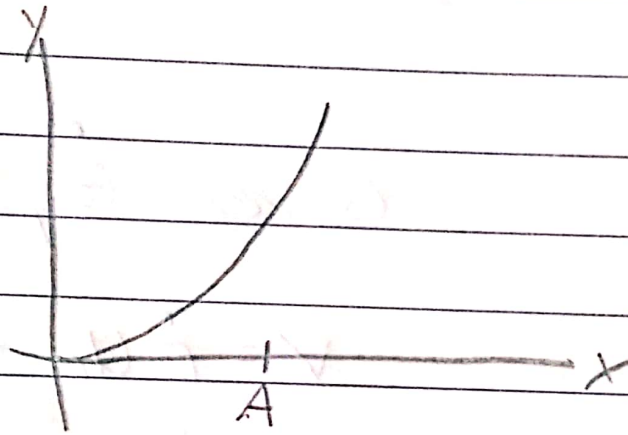20-P-KM-BK-14

$$y = x^2$$

$$\frac{dx}{dt} = B \, m/s$$

$$\frac{dy}{dt} = 2x \frac{dx}{dt} = 2 \cdot A \cdot B$$

$$\frac{d^2 y}{dt^2} = 2\left(\frac{dx}{dt}\right)^2 + 2x \frac{d^2 x}{dt} = 2B^2$$