



Topics to be covered



- (1) Co-ordinate Geometry
- 2) (3 Stowight line Graph
- 3
- 4



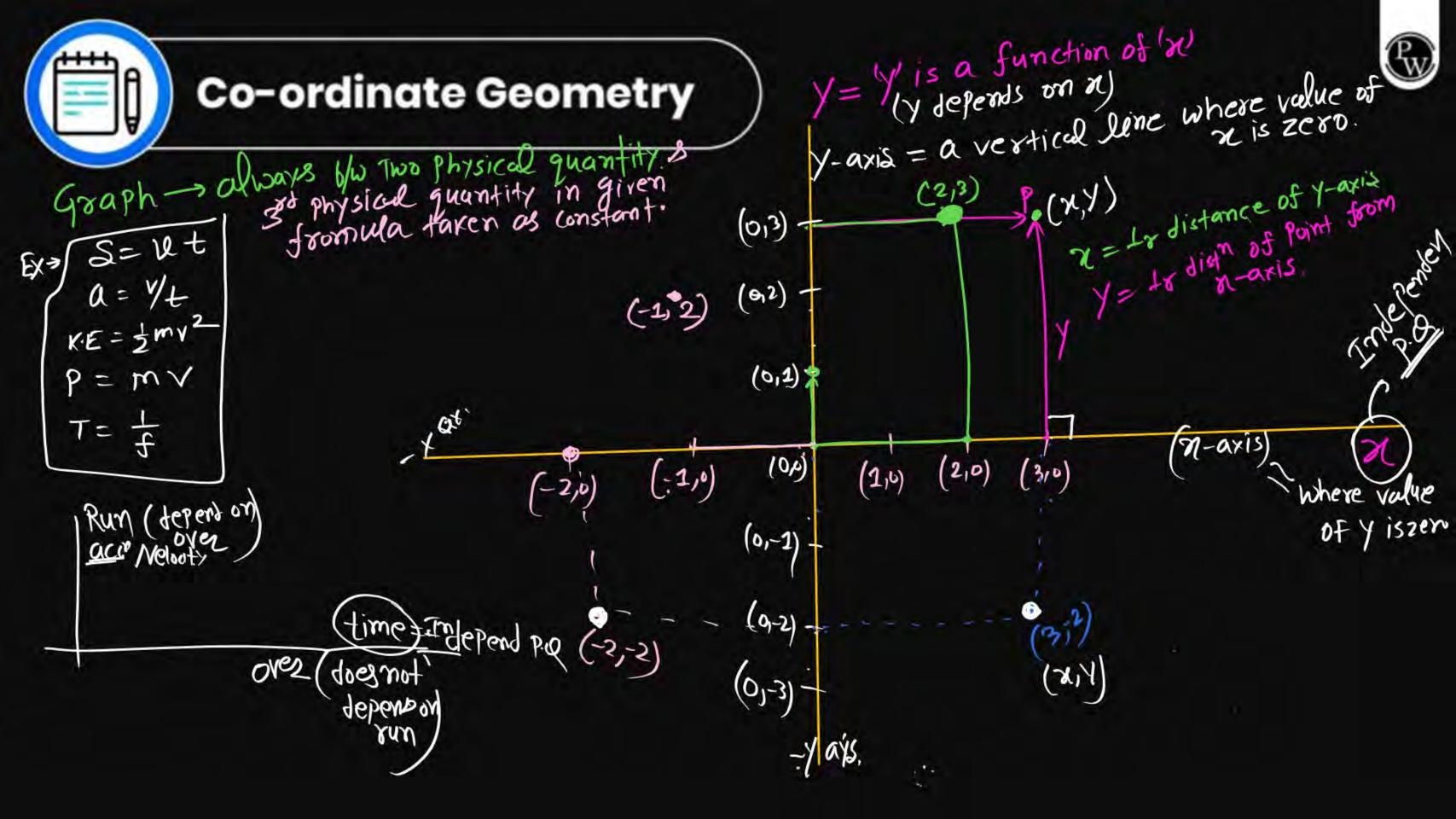
Recap of previous lecture



Sym of =
$$\frac{q}{1-c_8}$$
 for $c_8 < 1$

Value of nth team =
$$0 + (n-1)d$$

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

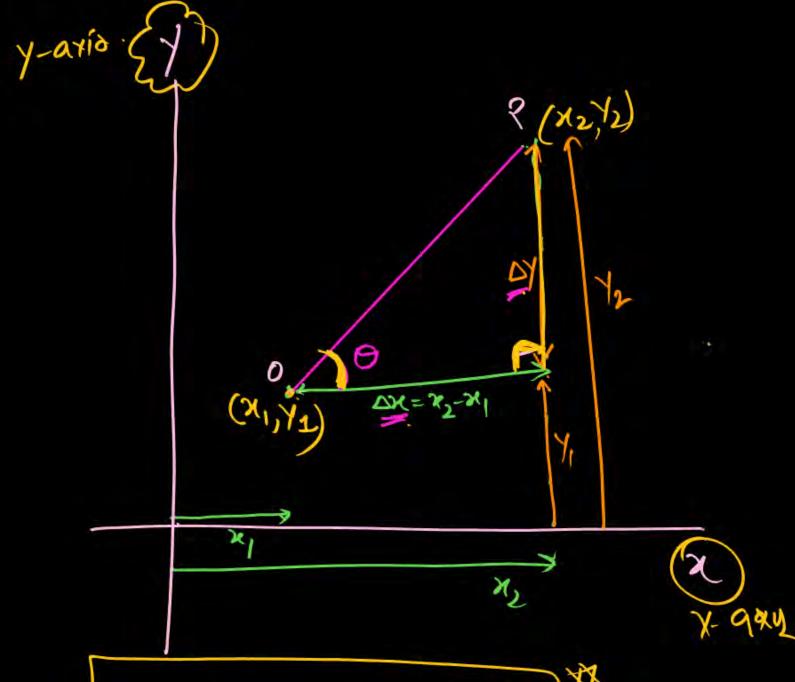


Distance farmula

find length of of ??

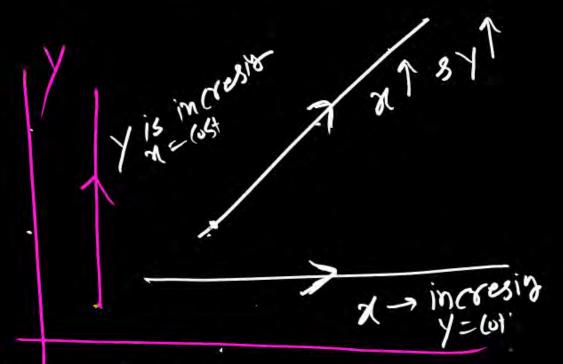
(Kx) ? (0,0)

da e



$$OP = \sqrt{(Dn)^2 + (\Delta Y)^2}$$

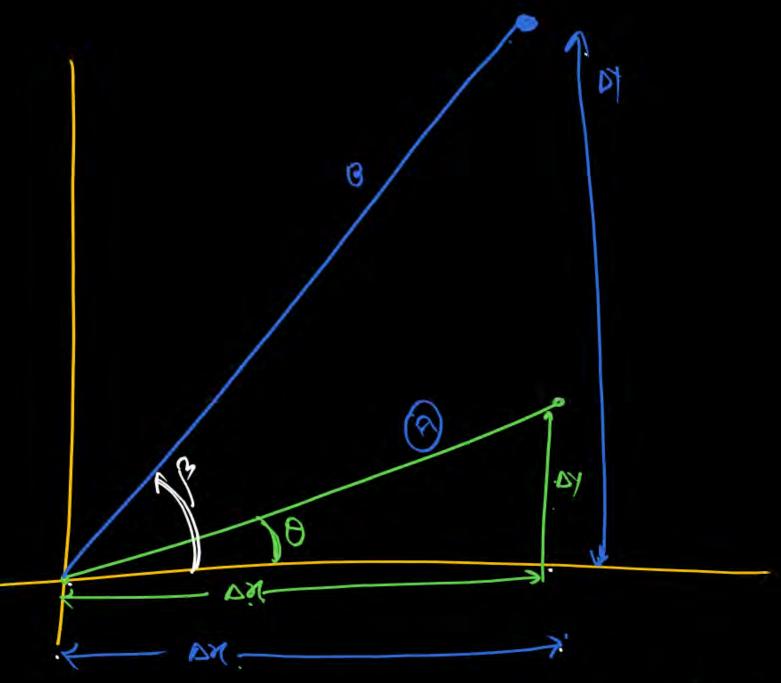
$$op = \sqrt{(n_2 - n_1)^2 + (1_2 - 1_1)^2}$$



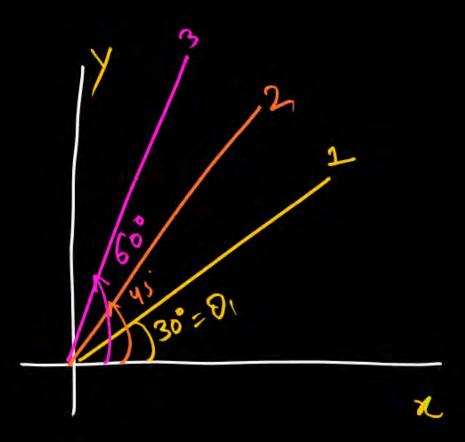
$$M = Slope = +am Q = \frac{\Delta y}{\Delta x}$$

Change in y with respect to

Change in
$$x = \frac{\Delta y}{\Delta x} = tan \theta = Slope = m$$



$$\frac{\partial u}{\partial x} = \partial u = \frac{\partial u}{\partial x}$$



$$1 \quad m_2 = tan\theta_2 = tan3i = \frac{1}{5}$$

$$m_3 = tan6i = \frac{1}{3}$$

Angle made by straight there with x-axis is carled Slope ??

(6) NO

Slope (m) = tan Q

Slope at P, Q, R is Same. Slope of Straight line is Same at all Point slope of A,B&C are Samp d= B= Y=D for Parabel

Slope of Paraula line.

$$\frac{\partial a_{1}}{\partial x} = \frac{\partial x}{\partial x} = \frac{\partial x}{\partial$$

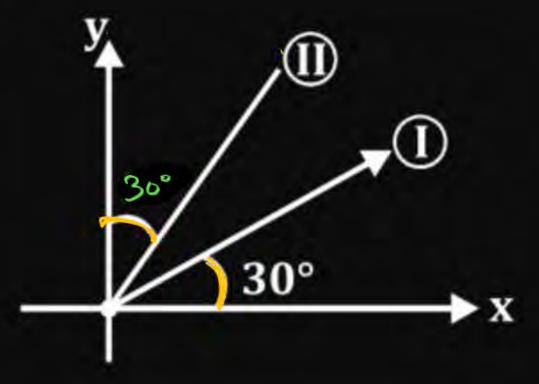
 $\Theta = \text{Angle B/b}$ strain line & tre x-axis O = Acuse m = tre O > 90 O < 50 O < 50 O = Acuse m = tre O > 90 O < 50 O <

Question



Find $(slope)_I/(slope)_{II} =$







Comment on slope

