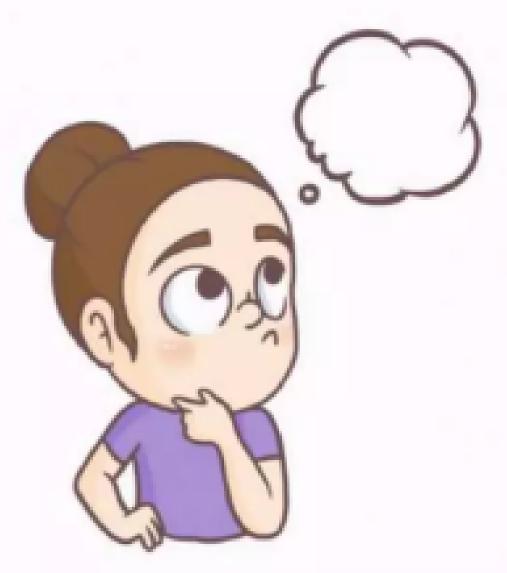
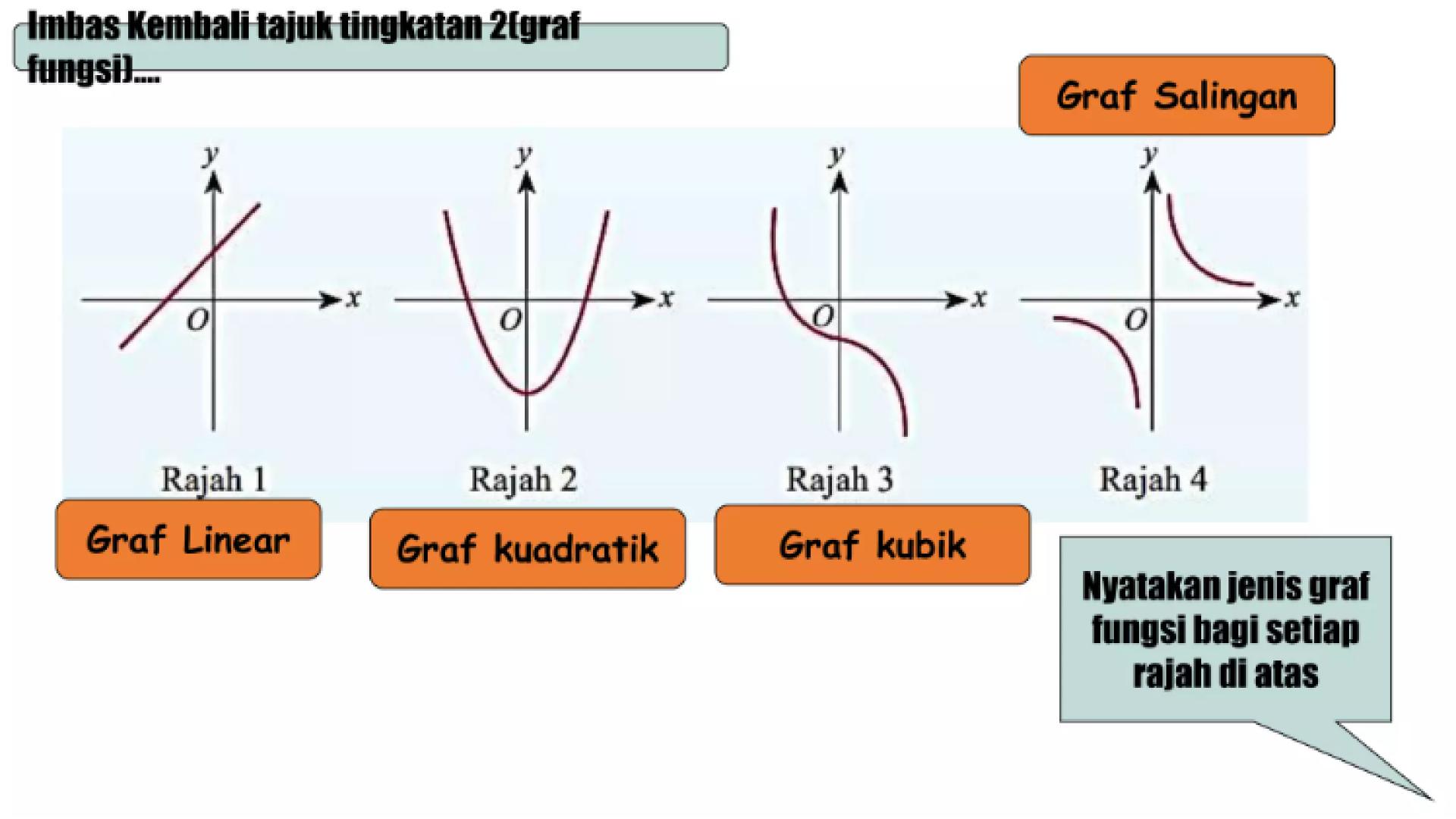
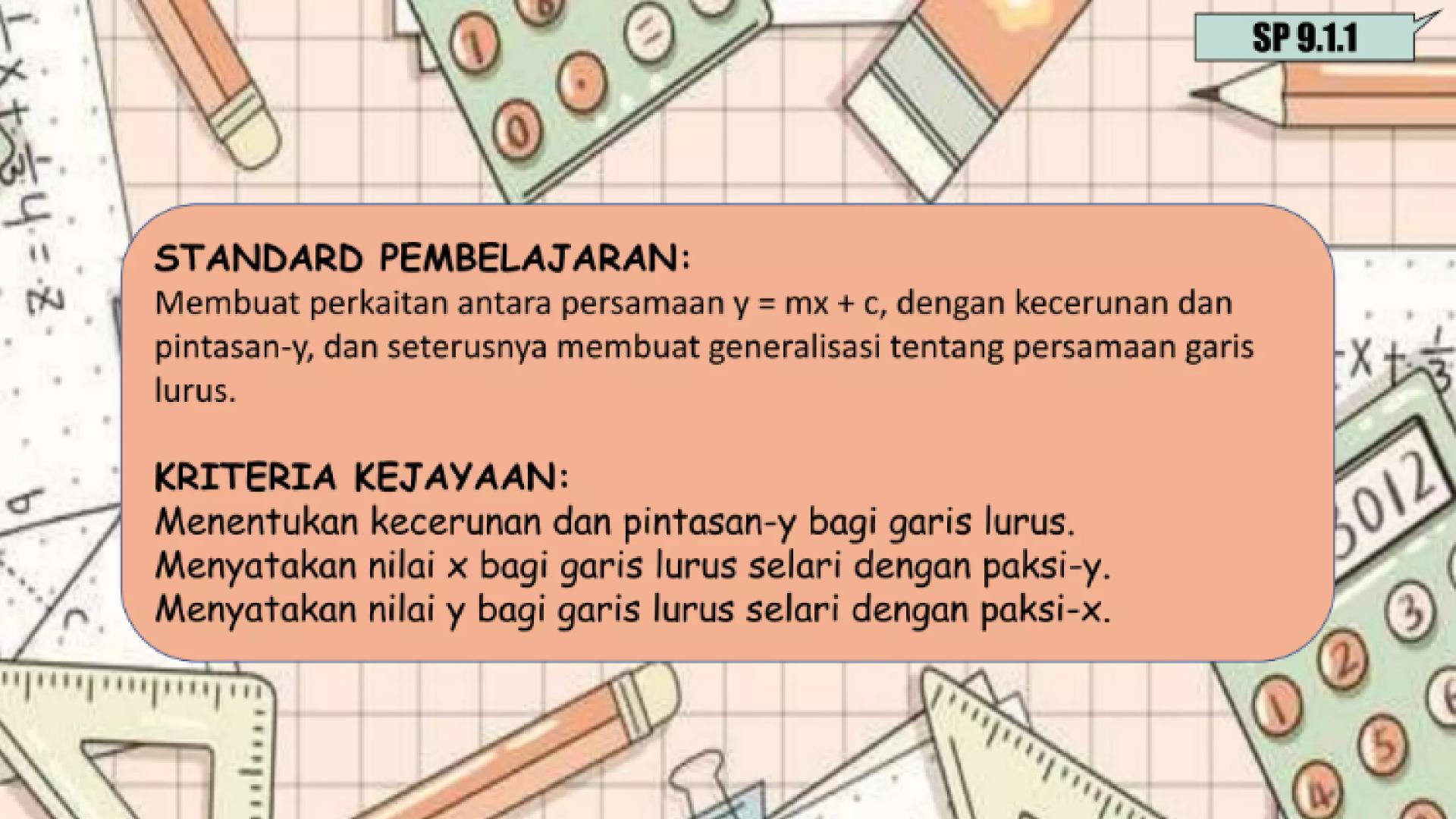


Apakah itu garis lurus ?

Kenapa perlu belajar tentang garis Jurus?

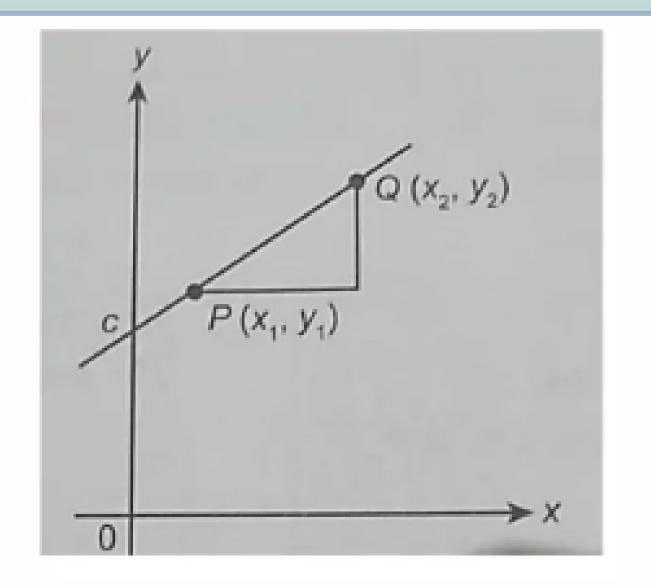






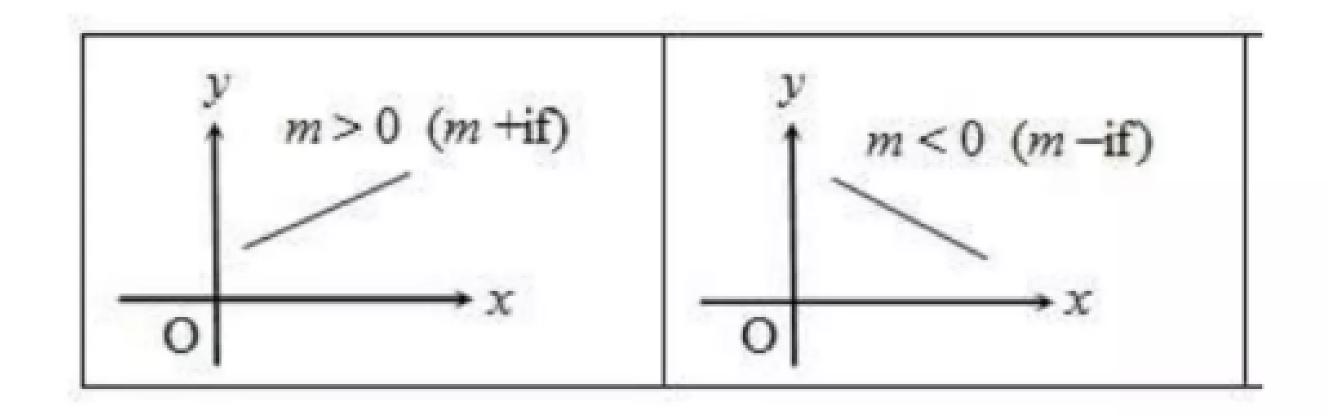
PERSAMAAN GARIS LURUS

y=mx+c : ialah satu persamaan garis lurus dengan kecerunan, m dan pintasan-y , c.

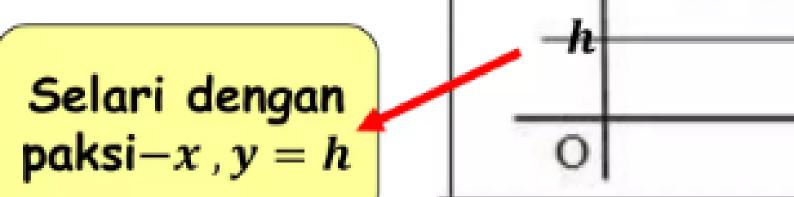


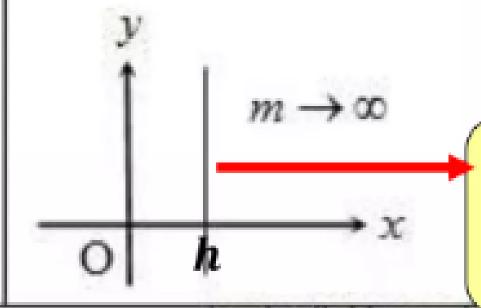
$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

JENIS GRAF GARIS LURUS



m = 0





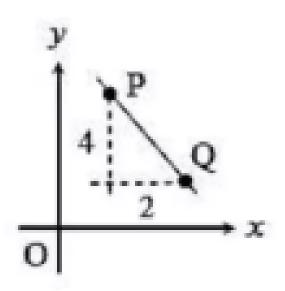
Selari dengan paksi-y, x=h

teorimath bloospot com

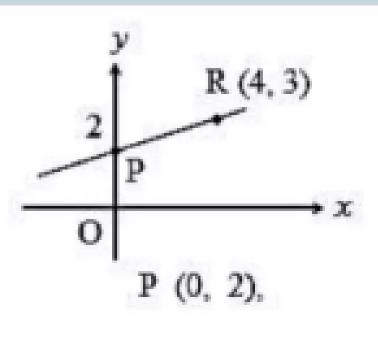
KECERUNAN GARIS LURUS, m

Formula menentukan nilai kecerunan garis lurus,

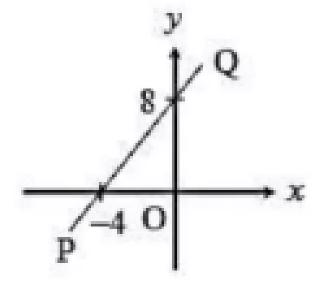
$$m=-rac{jarak\ menegak}{jarak\ mengufuk}$$
 , $m=rac{y_2-y_1}{x_2-x_1}$, $m=-rac{pintasan-y}{pintasan-x}$



$$m = -\left(\frac{4}{2}\right) = -2$$

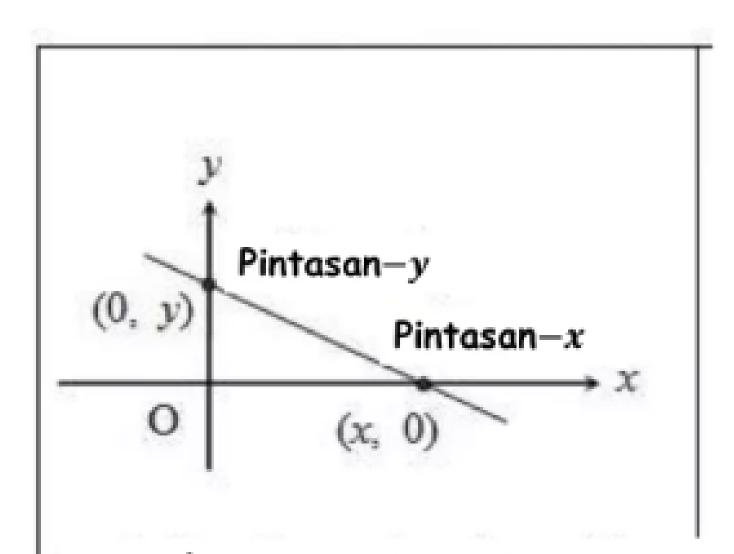


$$m = \frac{3-2}{4-0} = \frac{1}{4}$$

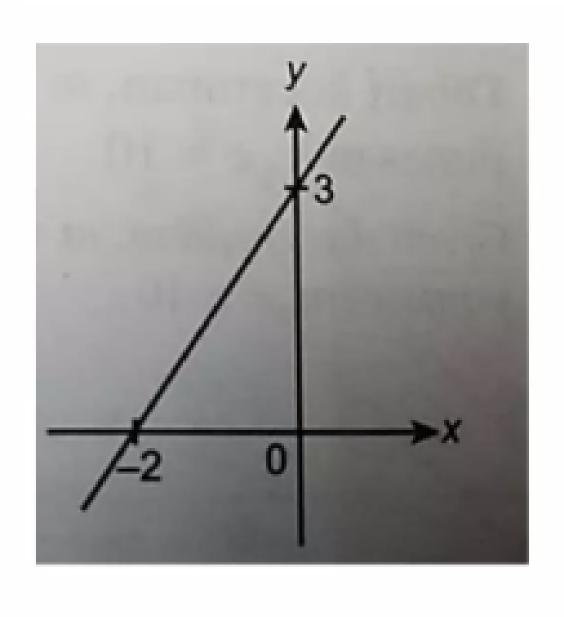


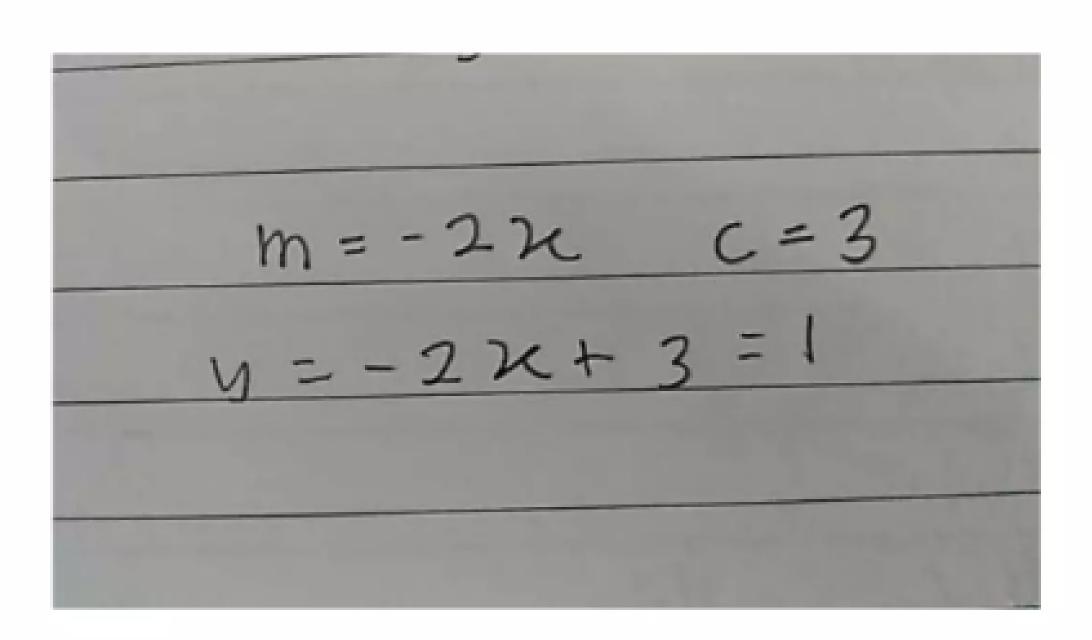
$$m = -\left(\frac{8}{-4}\right) = 2$$

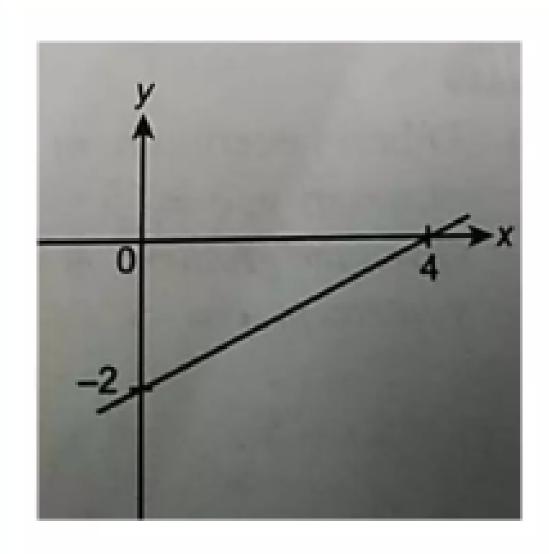
Pintasan-x dan Pintasan-y

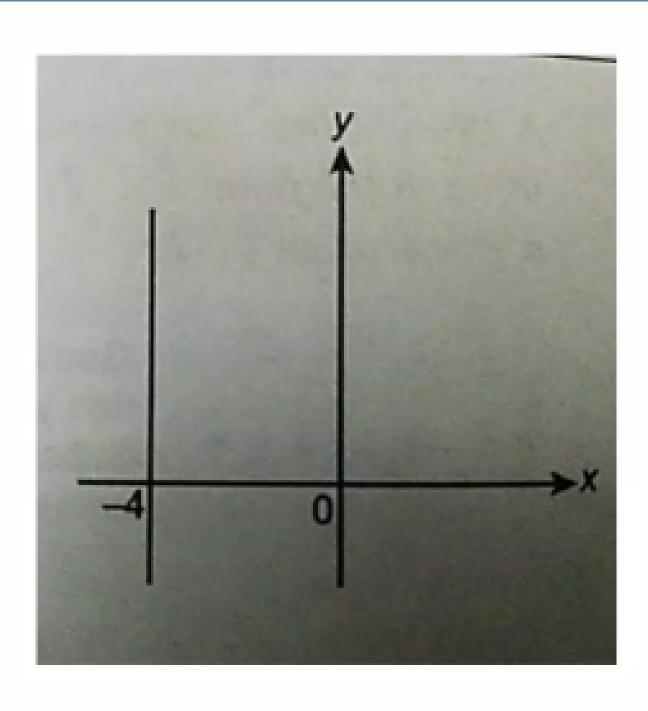


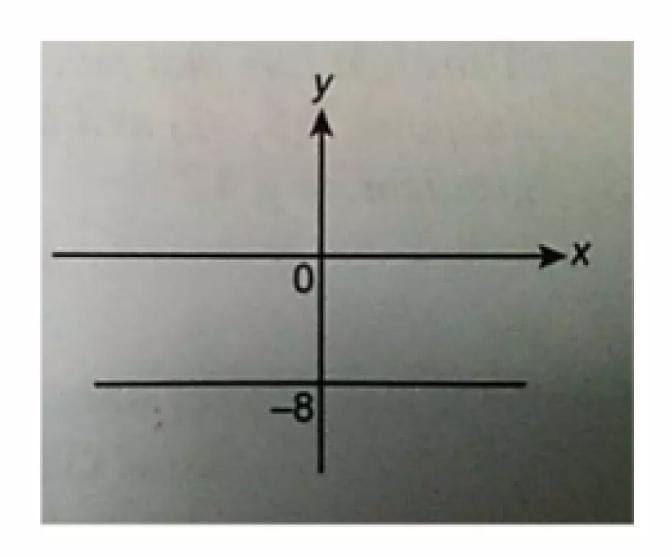
Untuk mencari pintasan-y , masukkan x=0 dalam persamaan garis lurus. Untuk mencari pintasan-x, masukkan y=0 dalam persamaan garis lurus.

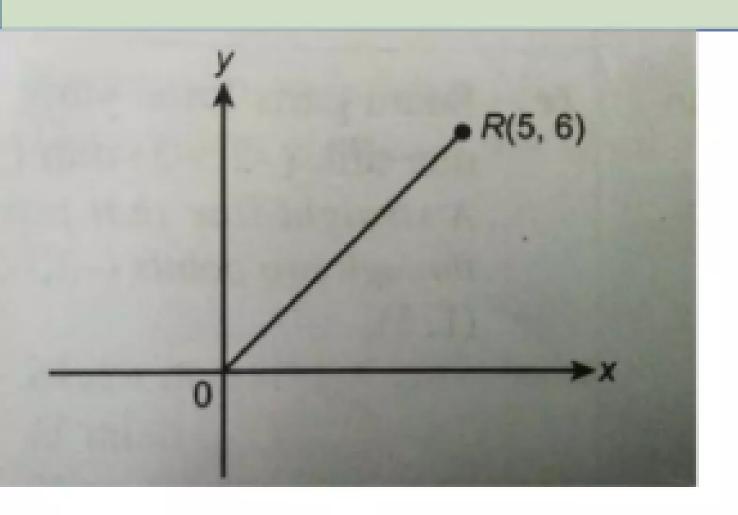






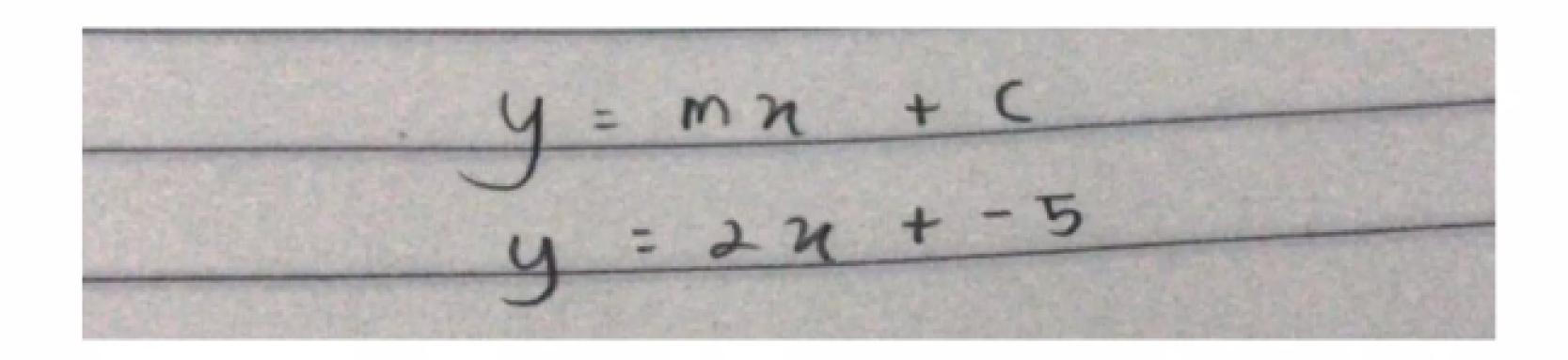






LATIHAN 6a

6. Tentukan persamaan garis lurus yang berikut dalam bentuk y=mx+ca) Diberi kecerunan m=2, dan pintasan-y, c=-5



LATIHAN 6b

- 6. Tentukan persamaan garis lurus yang berikut dalam bentuk y = mx + c
- b) Diberi kecerunan $m = \frac{2}{3}$, dan pintasan y, c = 10