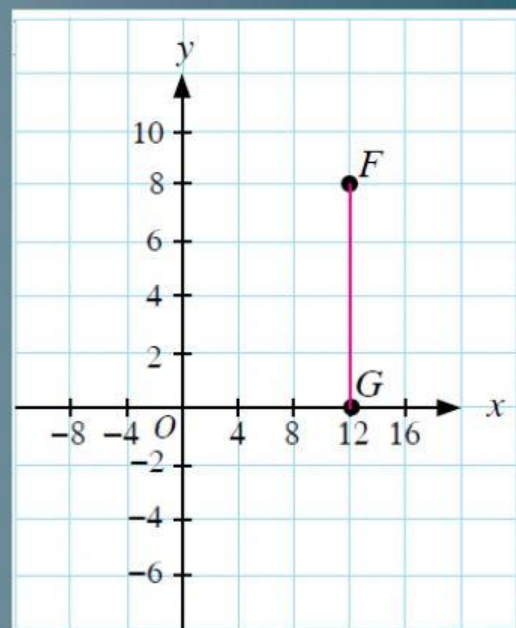
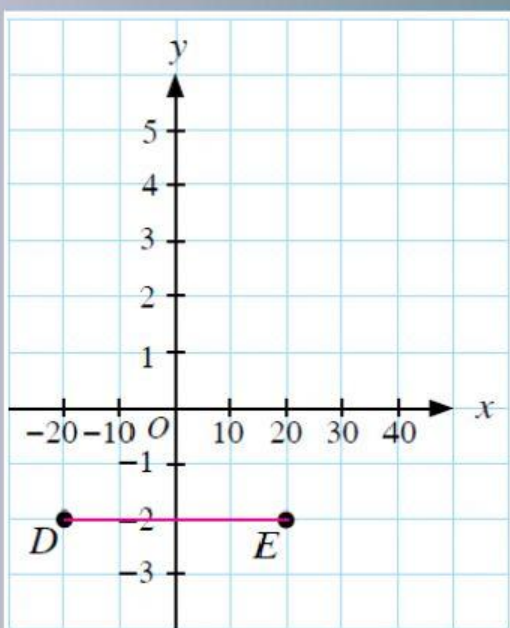
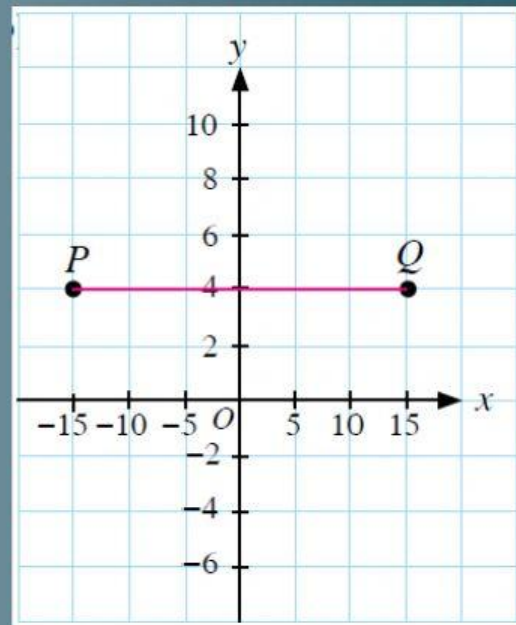
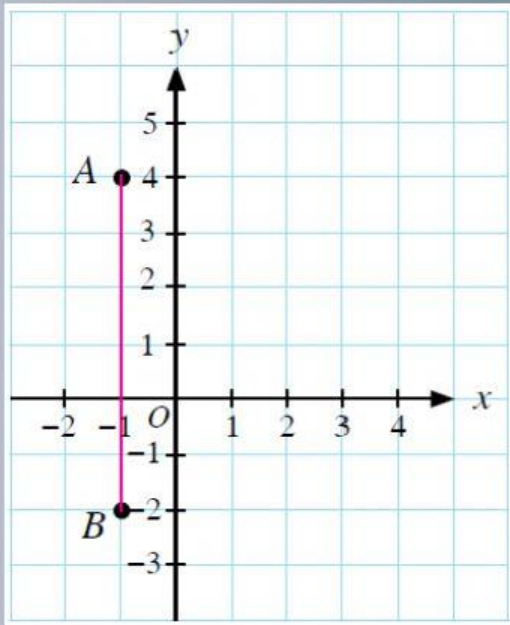


MARKAH :

BAB 7 : KOORDINAT

Menerangkan maksud jarak di antara dua titik pada satah Cartes.

Nyatakan jarak antara dua titik berikut.

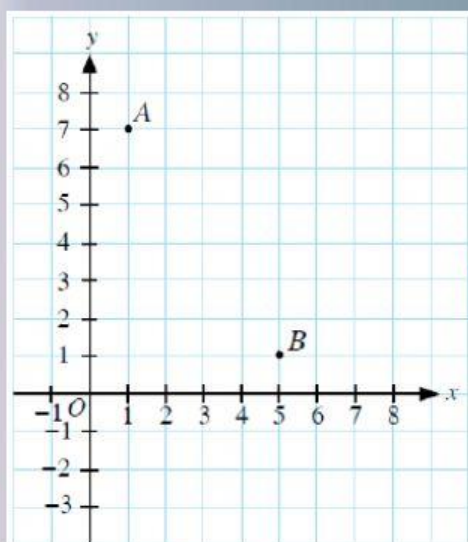


BAB 7 : KOORDINAT

Menerangkan maksud jarak di antara dua titik pada satah Cartes.

$$\text{Jarak di antara dua titik pada satah Cartes} = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

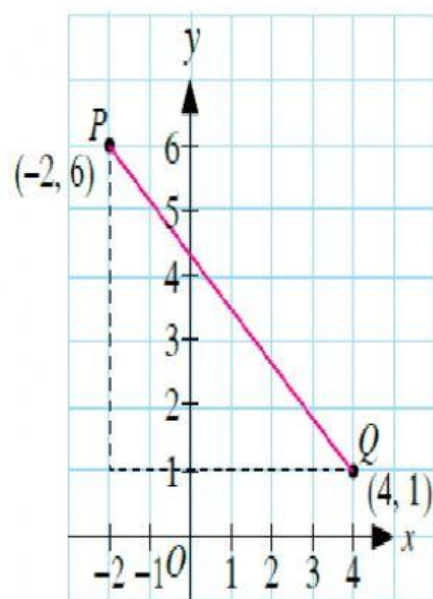
Nyatakan jarak antara dua titik berikut.



$$\text{Jarak} = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

$$\begin{aligned} \text{Jarak } AB &= \sqrt{(\quad - \quad)^2 + (\quad - \quad)^2} \\ &= \sqrt{\quad^2 + (\quad)^2} \\ &= \sqrt{\quad + \quad} \\ &= \sqrt{\quad} \\ &= \quad \text{unit} \end{aligned}$$

Maka, jarak AB ialah $\quad$ unit.



$$\begin{aligned} PQ^2 &= \sqrt{[\quad - (\quad)]^2 + (\quad - \quad)^2} \\ &= \sqrt{\quad^2 + (\quad)^2} \\ &= \sqrt{\quad + \quad} \\ &= \sqrt{\quad} \\ &= \quad \text{cm} \end{aligned}$$

Maka, jarak PQ ialah $\quad$ cm.