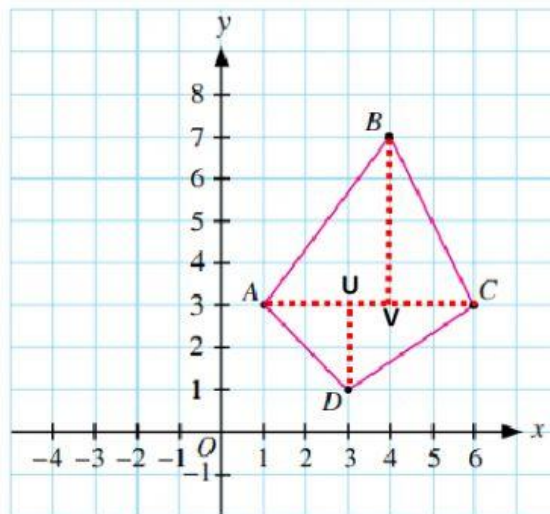


Latihan tambahan 7.1 : Jarak dalam Sistem Koordinat Cartes

Soalan 1 : Hitungkan PERIMETER ABCD



$$AB^2 = BV^2 + AV^2$$

$$AB^2 = 4^2 + 3^2$$

$$AB = \sqrt{16 + 9}$$

$$AB = \sqrt{25} = \underline{5}$$

$$BC^2 = BV^2 + VC^2$$

$$BC^2 = \underline{\quad}^2 + \underline{\quad}^2$$

$$BC = \sqrt{\underline{\quad} + \underline{\quad}}$$

$$BC = \sqrt{\underline{\quad}} = \underline{\quad}$$

$$CD^2 = CU^2 + DU^2$$

$$CD^2 = \underline{\quad}^2 + \underline{\quad}^2$$

$$CD = \sqrt{\underline{\quad} + \underline{\quad}}$$

$$CD = \sqrt{\underline{\quad}} = \underline{\quad}$$

$$AD^2 = AU^2 + DU^2$$

$$AD^2 = \underline{\quad}^2 + \underline{\quad}^2$$

$$AD = \sqrt{\underline{\quad} + \underline{\quad}}$$

$$AD = \sqrt{\underline{\quad}} = \underline{\quad}$$

Perimeter ABCD

$$= AB + BC + CD + AD$$

$$= 5 + \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$= \underline{\quad} \text{ unit}$$

SOALAN 2

Diberi koordinat titik A dan titik B masing-masing ialah (-2,6) dan (4,1). Lengkapi langkah kerja yang berikut bagi mencari jarak AB .

$$AB = \sqrt{[4 - (\quad)]^2 + [1 - (\quad)]^2}$$

$$AB = \sqrt{\underline{\quad}^2 + (-5)^2}$$

$$AB = \underline{\quad} \text{ unit .}$$