

Introduction to Coordinates Part 2

Solution

➤ MC Question

6. B

$$\begin{aligned} \text{Area} &= \text{Base} \times \text{Height} \div 2 \\ &= (4 + 2) \times 3 \div 2 \\ &= 9 \text{ sq. units} \end{aligned}$$

7. C

$$\begin{aligned} \text{Area} &= \text{Base} \times \text{Height} \div 2 \\ &= 6 \times 5 \div 2 \\ &= 15 \text{ sq. units} \end{aligned}$$

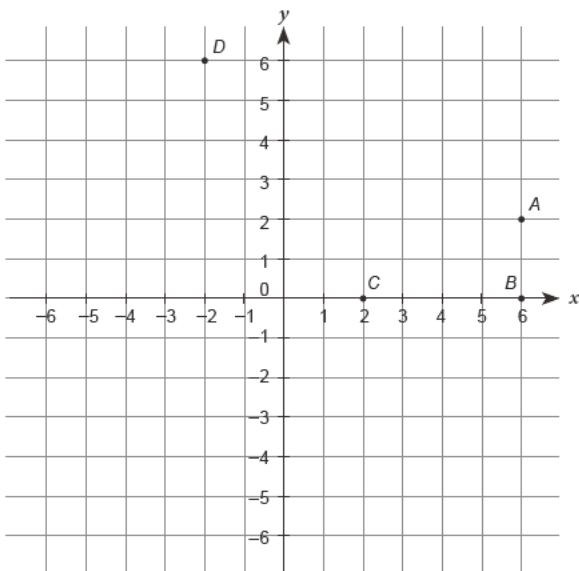
➤ Short Question

13. (a) Coordinates of B : $(6, 0)$

(b) Coordinates of C : $(6 - 4, 2 - 2) = (2, 0)$

(c) Coordinates of D : $(-2, 6)$

(d)



$$\begin{aligned} \text{Area of } \triangle BCD &= \frac{(6 - 2) \times 6}{2} \\ &= 12 \text{ sq. units} \end{aligned}$$