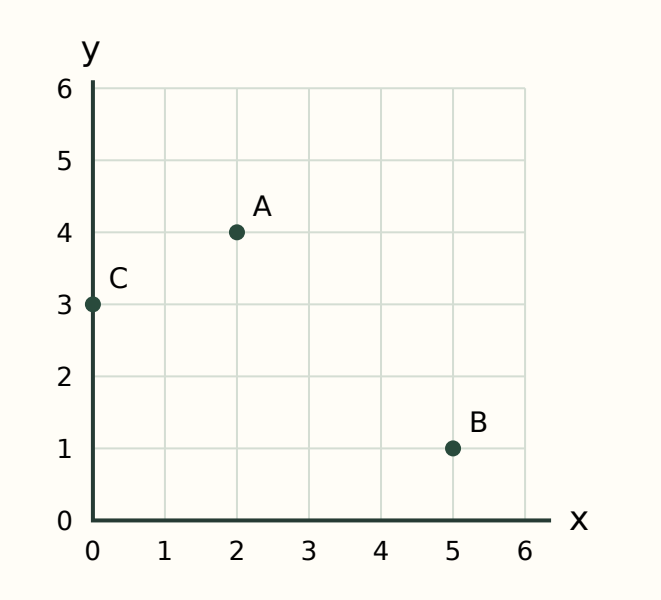
Ordered coordinates

6 questions | 7 marks

Equivalent correct methods earn the corresponding marks.

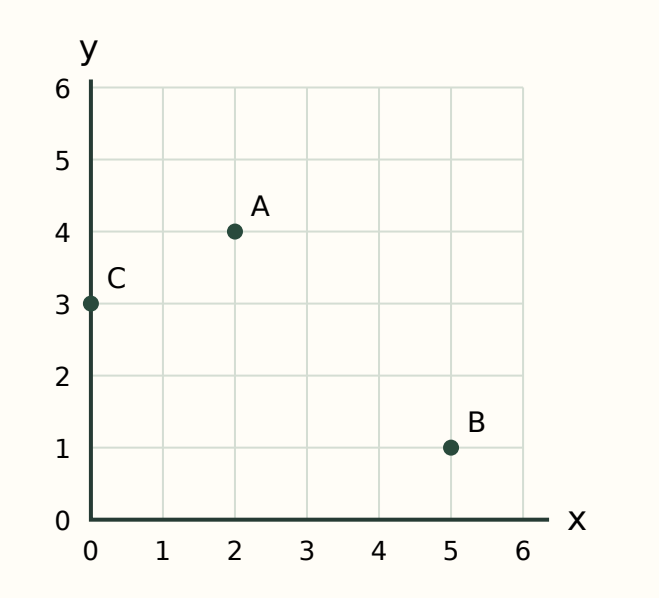
1. Read B on the grid. [1 mark]



B is 5 across and 1 up.

Answer: (5, 1)

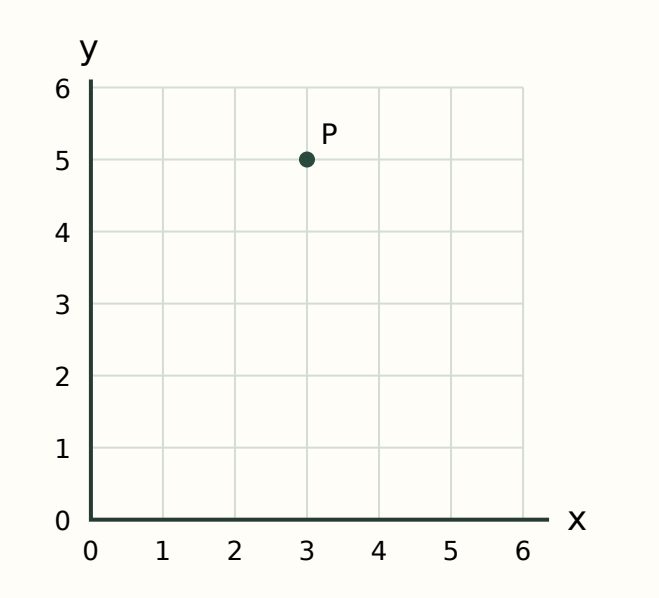
2. Read C on the grid. [1 mark]



C is on the y-axis at height 3.

Answer: (0, 3)

3. Plot and label P(3, 5) on the supplied grid. [1 mark]



Use x = 3 first and y = 5 second.

Answer: P at the intersection 3 across and 5 up.

4. Which point lies on the x-axis: (0, 4), (4, 0) or (4, 4)? [1 mark]

A point on the x-axis has y = 0.

Answer: (4, 0)

5. Are (1, 6) and (6, 1) the same point? Explain. [2 marks]

Swapping coordinate roles changes the location.

Answer: No. One is 1 across and 6 up; the other is 6 across and 1 up.

6. A point is 2 units above the origin and has x-coordinate 5. Write its coordinates. [1 mark]

Put the horizontal coordinate first.

Answer: (5, 2)