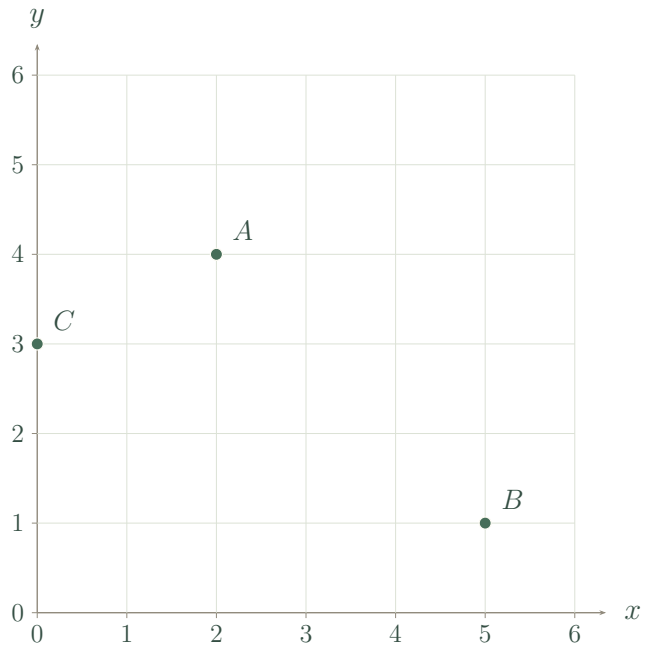
Ordered coordinates

6 questions | 7 marks

Equivalent correct methods earn the corresponding marks.

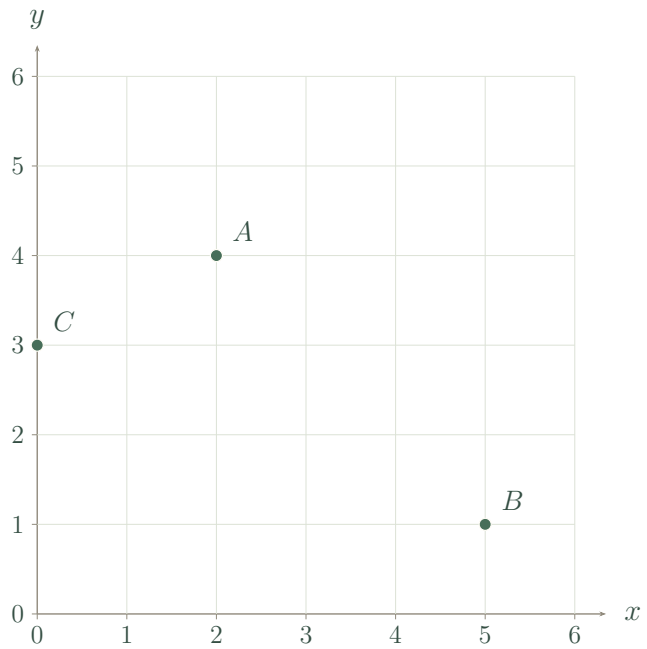
1. Read B on the grid. [1 mark]



B is 5 across and 1 up.

Answer: $(5, 1)$

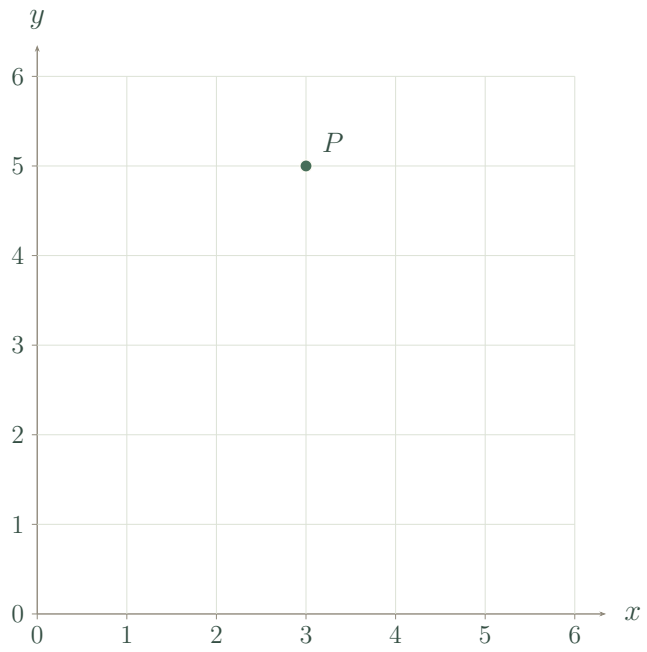
2. Read C on the grid. [1 mark]



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: $(5, 2)$