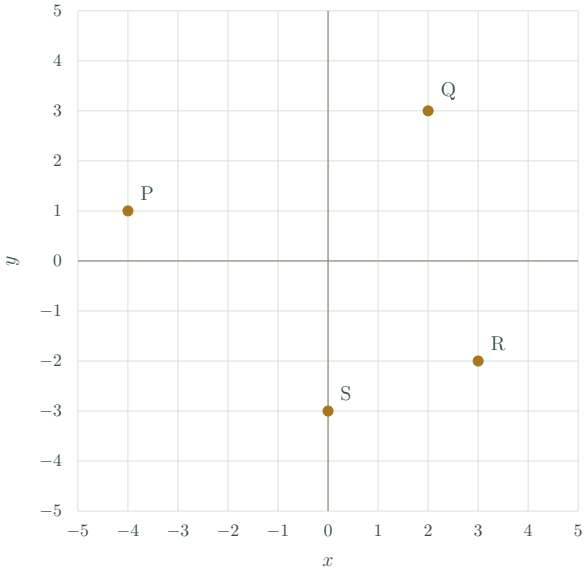
Reading and plotting points

6 questions | 14 marks

Equivalent correct methods earn the corresponding marks.

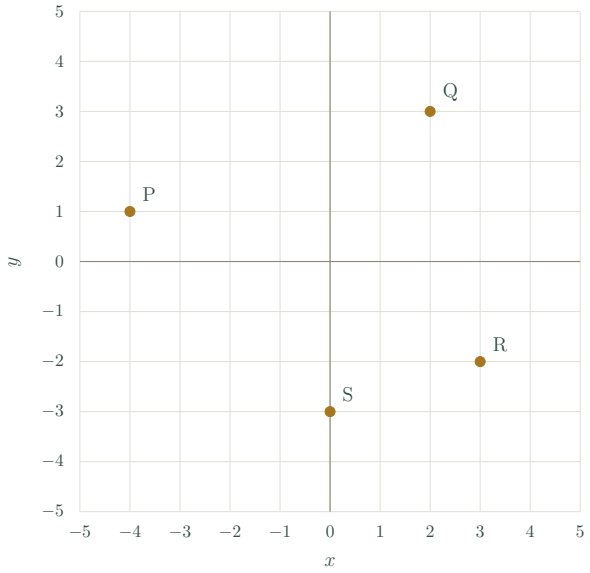
1. Read P. [2 marks]



P is 4 left and 1 up.

Answer: $(-4, 1)$

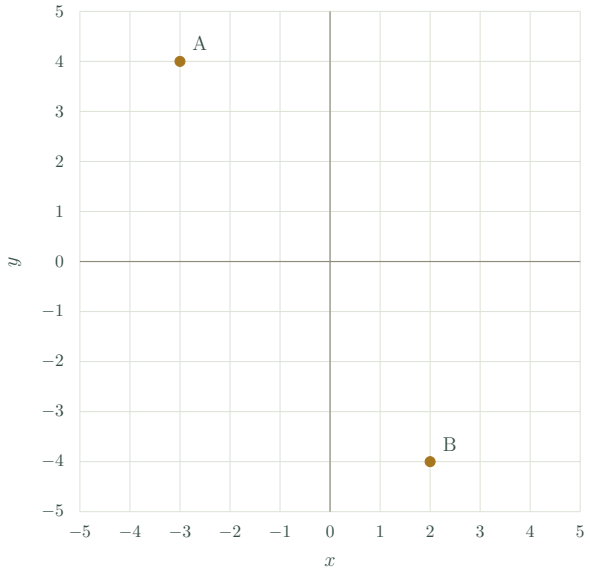
2. Read R. [2 marks]



R is 3 right and 2 down.

Answer: $(3, -2)$

3. Plot $A = (-3, 4)$ and $B = (2, -4)$. [3 marks]



For A: left 3, up 4.

For B: right 2, down 4.

Answer: A at $(-3, 4)$; B at $(2, -4)$.

4. Write the coordinates of the point on the x-axis 5 units left of the origin. [2 marks]

Left gives $x = -5$. On the x-axis gives $y = 0$.

Answer: $(-5, 0)$

5. Mina plots $(1, -3)$ as 1 down and 3 right. Give the coordinates she plotted, then correct her moves. [3 marks]

Her horizontal move is 3; her vertical move is -1.

The intended coordinates reverse these roles.

Answer: She plotted $(3, -1)$. Correct: 1 right and 3 down.

6. What do $U = (-2, 3)$ and $V = (4, 3)$ have in common? [2 marks]

Their y-coordinates match.

Answer: They have the same height and lie on $y = 3$.