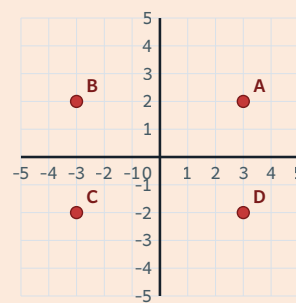


All four quadrants – first walk

MODULE 7 · DATA, CHANCE AND THE CO-ORDINATE PLANE SHAPE & SPACE

The coordinate plane is split by the x -axis and y -axis into **four quadrants**, numbered anticlockwise starting top-right. The signs of the two coordinates tell you which quadrant a point lives in.

- A (3, 2) — both positive → quadrant 1 (top-right).
- B (-3, 2) — x negative, y positive → quadrant 2 (top-left).
- C (-3, -2) — both negative → quadrant 3 (bottom-left).
- D (3, -2) — x positive, y negative → quadrant 4 (bottom-right).



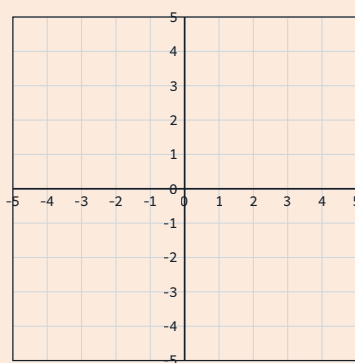
HOW TO ANSWER TODAY

- **Quadrants.** Q1 is top-right; numbering goes ANTICLOCKWISE. A point on an axis is on the axis, not in a quadrant.

(3, 5) → Q1 · (-2, 1) → Q2 · (0, 4) → on the y -axis

TRY IT ON THE LINE

Plot each point and write which quadrant (1–4) it lies in. Points on an axis are not in any quadrant.



1. Plot A at (3, 2) — quadrant _____
2. Plot B at (-4, 2) — quadrant _____
3. Plot C at (-3, -3) — quadrant _____
4. Plot D at (2, -4) — quadrant _____
5. Plot E at (0, -3) — on which axis? _____