

All four quadrants: first walk

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

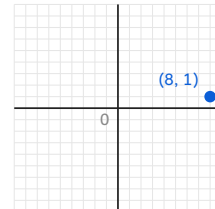
HOW TO ANSWER TODAY

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

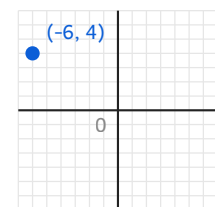
(3, 5) → Q1 · (-2, 1) → Q2 · (0, 4) → on the y-axis

★ STRETCH PROBLEMS

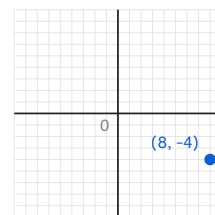
- 1 Cian is drawing a plan of the school on grid paper. He marks the PE hall at the point (8, 1). Which quadrant contains this point?



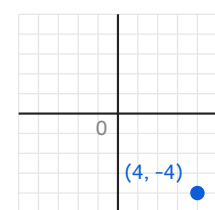
- 2 Oisín draws a plan of the school yard on grid paper, with the flagpole at the origin. He marks the basketball hoop at the point (-6, 4). Which quadrant of the grid is the basketball hoop in?



- 3 Saoirse maps the school orchard on a grid, with the old oak at the centre as the origin. She marks an apple tree at the point (8, -4). Which quadrant of the grid contains the apple tree?



- 4 Cian draws a plan of the school yard on grid paper, with the flagpole at the origin. He marks the bike shed at the point (4, -4). Which quadrant of the grid does the bike shed lie in?



- 5 Saoirse is mapping the trees in the school orchard on a grid, with the flagpole at the origin. She marks a young apple tree at the point (-6, 9). Which quadrant of the grid contains this tree?

