

All four quadrants – first walk

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

SHAPE & SPACE

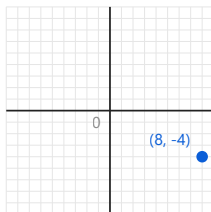
HOW TO ANSWER TODAY

- **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

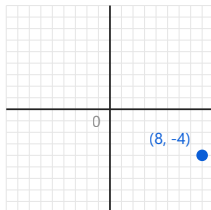
★ STRETCH PROBLEMS

1



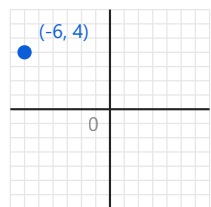
Saoirse maps the school orchard on a grid, with the old oak at the centre as the origin. She marks an apple tree at the point (8, -4). Which quadrant of the grid contains the apple tree?

2



Aoife draws a coordinate grid of where each pupil sits in 5th class, with the teacher's desk at the origin. She marks her own desk at the point (8, -4). Which quadrant of the grid is Aoife's desk in?

3



Mr Ó Briain draws a coordinate grid in chalk on the yard and the pupils place cones at different points. Cara puts her cone at (-6, 4). Which quadrant of the grid is her cone in?