

First quadrant of the co-ordinate plane

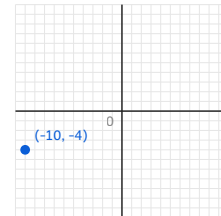
MODULE 7 · DATA, CHANCE AND THE CO-ORDINATE PLANE DATA & CHANCE

HOW TO ANSWER TODAY

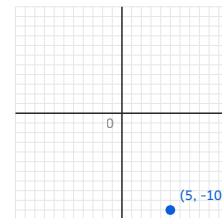
- **Quadrants.** Q1 is top-right; numbering goes ANTICLOCKWISE. A point on an axis is on the axis, not in a quadrant.

STRETCH PROBLEMS

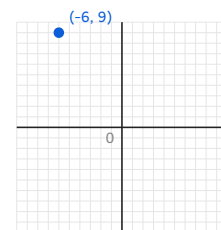
- 1 Cian is mapping the trees in the school orchard on a coordinate grid. One apple tree is marked at the point $(-10, -4)$. Which quadrant contains this point?



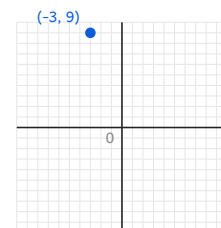
- 2 Aoife is leading a treasure hunt across the school yard, which is marked as a coordinate grid. The next clue is hidden at the point $(5, -10)$. Which quadrant contains this point?



- 3 Mr Ó Sé draws a coordinate map of the school grounds for sports day, with the flagpole at the origin. The first-aid tent is marked at the point $(-6, 9)$. Which quadrant of the map contains the first-aid tent?



- 4 On a nature walk near Glendalough, 5th class chart where birds were spotted on a coordinate grid. A robin is marked at the point $(-3, 9)$. Which quadrant contains the point $(-3, 9)$?



- 5 Saoirse sketches a coordinate grid of the school yard with the axes crossing in the middle. A bench is marked at the point $(-6, -8)$. Which quadrant contains the point $(-6, -8)$?

