

## MATH · GRADE 4

# Coordinates

Plotting points in the first quadrant

## Reading coordinates

A coordinate is a pair of numbers in brackets, like (3, 5). The **FIRST** number is the x-coordinate (how far **ALONG**, left-right). The **SECOND** number is the y-coordinate (how far **UP**). Always — across first, then up. Some kids remember 'along the corridor, then up the stairs'.

## Section A — Plot these points

1. On a 10×10 grid, plot: (3, 4), (7, 2), (5, 8), (1, 1), (9, 9).
2. Plot these in order and connect them: (2, 2), (6, 2), (6, 5), (2, 5), back to (2, 2). What shape have you made?
3. Plot: (1, 3), (4, 8), (7, 3). Connect. What shape?

## Section B — Read the coordinates

1. A point is 4 along, 7 up. Write its coordinates.
2. A point is at the origin. What are its coordinates?
3. Two points share an x-coordinate. What does that mean about where they are on the grid?

