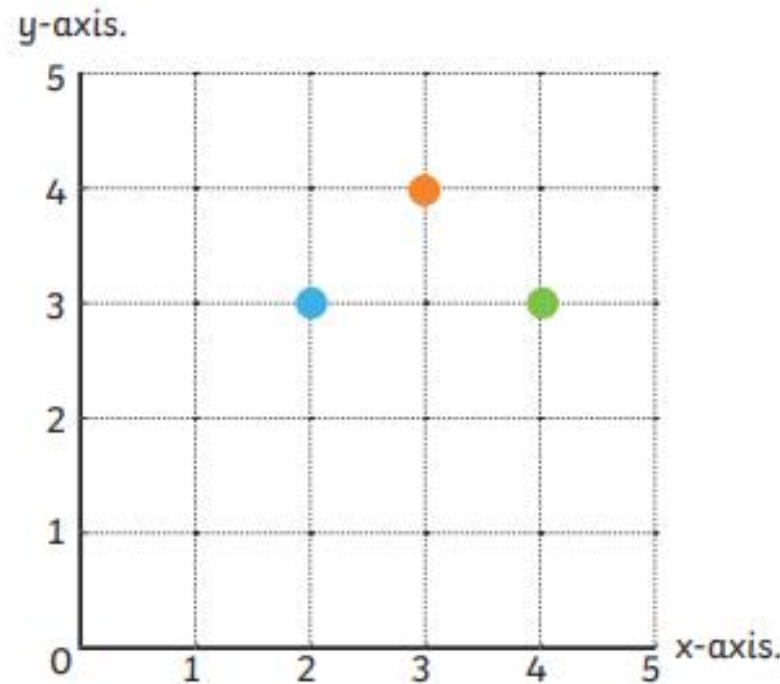


Key Vocabulary

Position in the First Quadrant

coordinate



Coordinates are a useful way to locate a position on a map or grid.

The numbers across the horizontal line of the grid are on the **x-axis**.

The numbers on the vertical line of the grid are on the **y-axis**.

We always read or write the number on the x-axis before the **y-axis**.

The x and y position are written in brackets with a comma.

The coordinate of the blue spot is **(2, 3)**.

quadrant

x-axis

y-axis

translation

vertex

vertices

To help you remember which point to read or write first, simply remember to move 'along the corridor and up the stairs'.

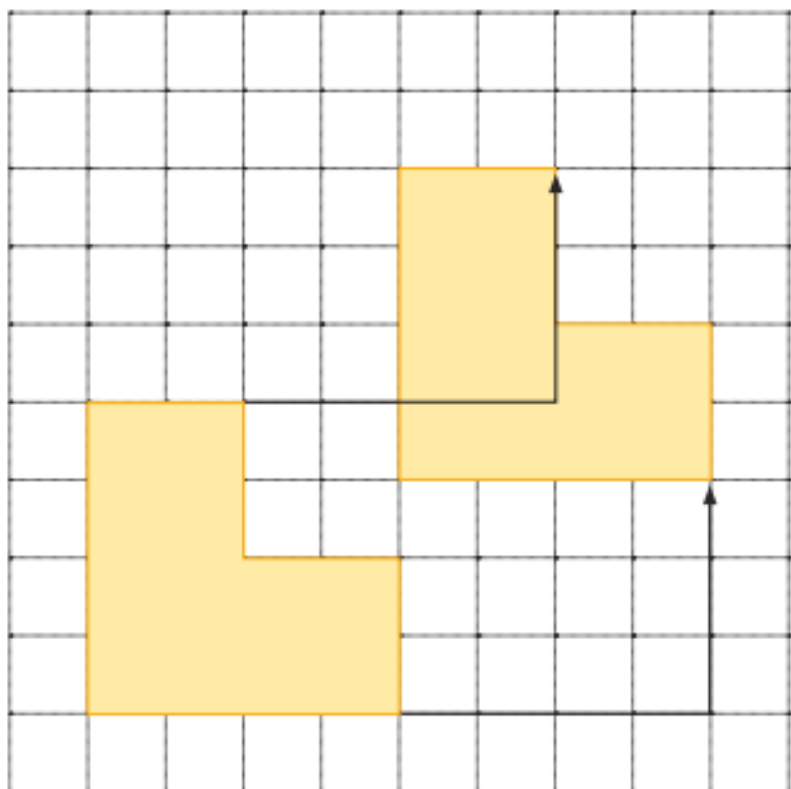
In other words, move on the x-axis and then move on the y-axis.



Translation

In maths, translation means moving an object on a grid. The object is moved without changing the size, turning or reflecting it.

When translating an object on a grid, it can move up or down, left or right.



Plotting 2D Shapes

Each vertex (corner) of a 2D polygon can be represented as a coordinate on a 2D grid.

