

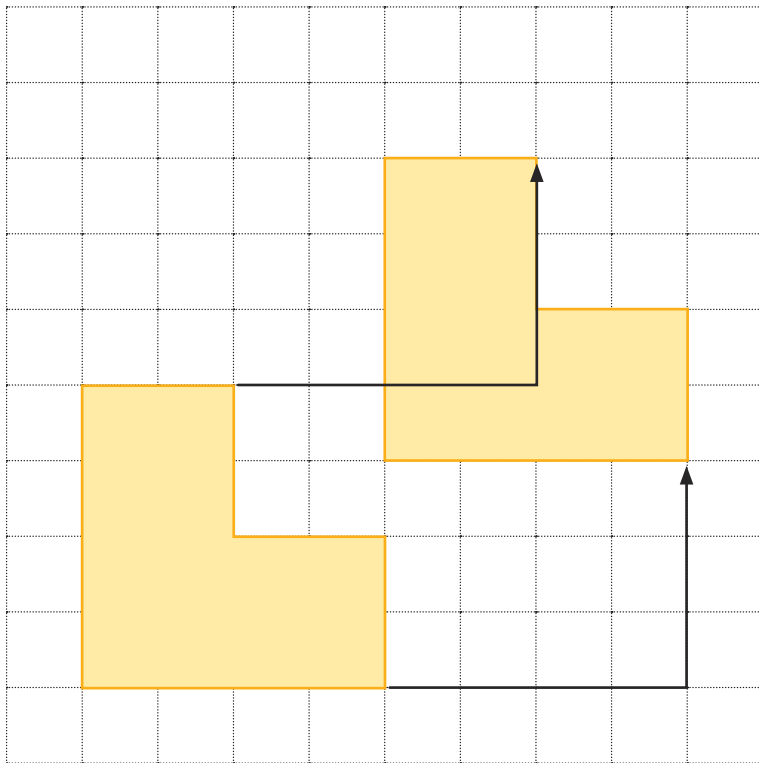


Key Vocabulary	Position in the First Quadrant	
coordinate	<div data-bbox="577 263 1317 922" data-label="Figure"> </div> <div data-bbox="1384 295 2078 379" data-label="Text"> <p>Coordinates are a useful way to locate a position on a map or grid.</p> </div> <div data-bbox="1384 411 2078 496" data-label="Text"> <p>The numbers across the horizontal line of the grid are on the x-axis.</p> </div> <div data-bbox="1384 528 2078 612" data-label="Text"> <p>The numbers on the vertical line of the grid are on the y-axis.</p> </div> <div data-bbox="1384 644 2078 729" data-label="Text"> <p>We always read or write the number on the x-axis before the y-axis.</p> </div> <div data-bbox="1384 761 2078 845" data-label="Text"> <p>The x and y position are written in brackets with a comma.</p> </div> <div data-bbox="1384 877 2078 932" data-label="Text"> <p>The coordinate of the blue spot is (2, 3).</p> </div>	
quadrant		
x-axis		
y-axis		
translation		
vertex	<p>To help you remember which point to read or write first, simply remember to move 'along the corridor and up the stairs'.</p>	
vertices	<p>In other words, move on the x-axis and then move on the y-axis.</p>	
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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.

