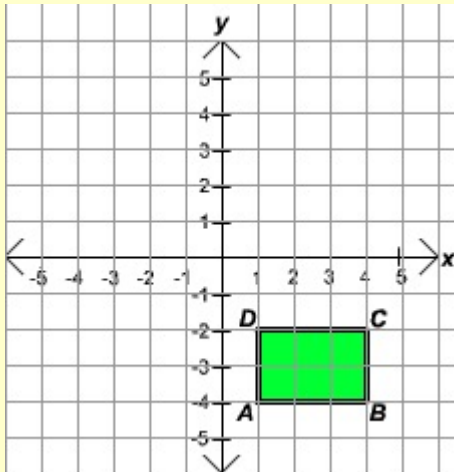


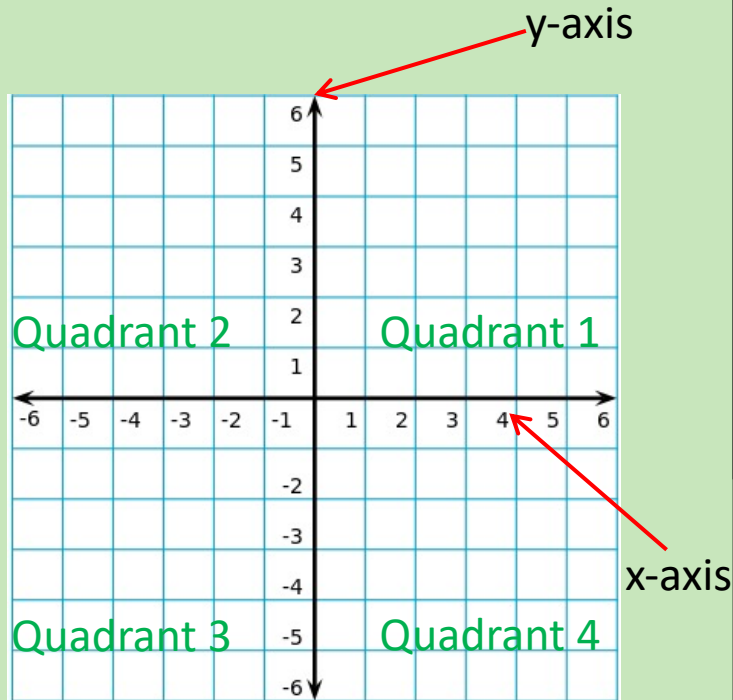
Describing positions

When identifying or plotting points on a coordinate grid, the first number will always represent the **x axis** and the second number will always represent the **y axis**.



E.g. The location of point A is (1, -4)
 The location of point B is (4, -4)
 The location of point C is (4, -2)
 The location of point D is (1, -2)

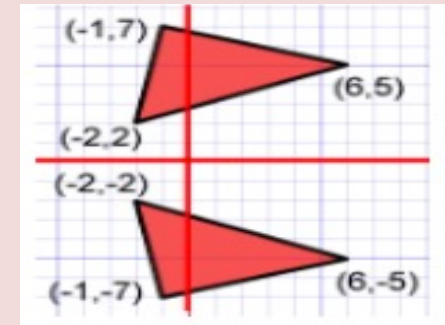
Coordinates Year 5 and 6



Quadrant	The axes of a graph divide the graph into four quadrants.
x-axis	The horizontal axis of a graph is called the x axis.
y-axis	The vertical axis of a graph is called the y axis.
Coordinates	Coordinates are two numbers or letters that describe a position on maps, graphs and charts.

Reflection

When you reflect a shape, you draw its mirror image in a different quadrant/quadrants. The reflected shape will have different coordinates.



Translation

When you translate a shape, you slide it to a different position. You do not turn or rotate the shape. In the example below, shape A has been translated 2 squares up and 5 squares right.

