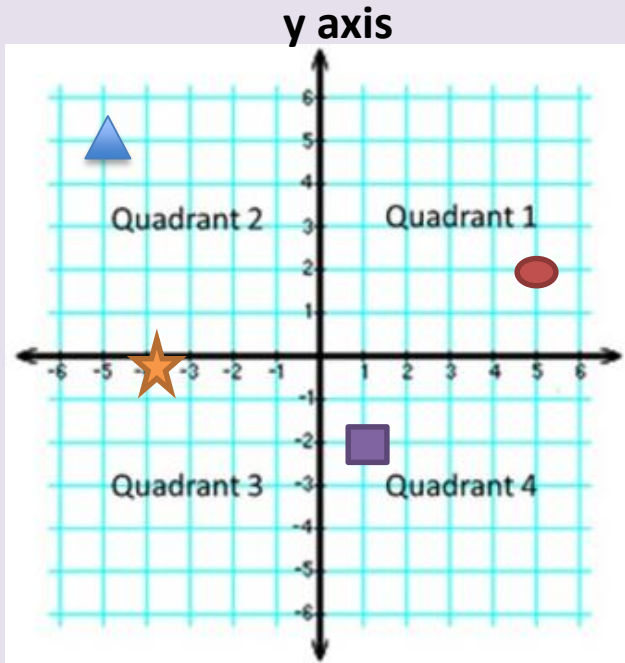


Key question / subheading

Vocabulary



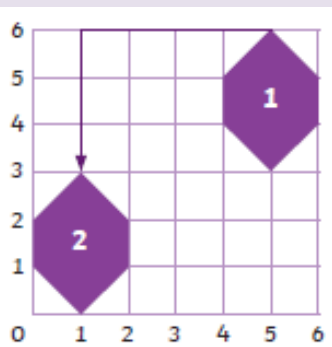
Coordinates are read as (x,y)

- (5,2)
- (0,-4)
- (-5,5)
- (1,-2)

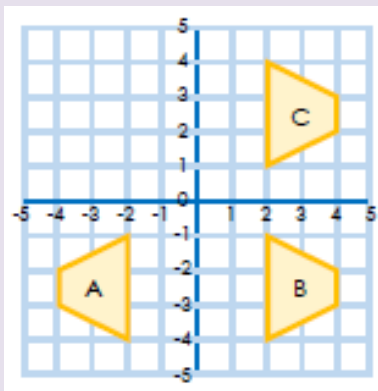
horizontal	A line going from side to side
vertical	A line going up and down
plane	A flat surface with no thickness. It has 2 dimensions – length and width
quadrant	The 4 areas made when we divide up a plane with the x-axis and y-axis
coordinates	A pair of numbers showing position – first number shows horizontal position, second number shows vertical position
x axis	The line that runs horizontally through zero
y axis	The line that runs vertically through zero
translate	To 'slide' or move a shape without rotating or flipping it
reflect	Make a mirror image using the x or y axis

Translation

Reflection



Each point of the shape moves the same distance in the same direction



Shape A has been reflected in the y axis to produce Shape B

Shape B has been reflected in the x axis to produce Shape C