Key question / subheading

Vocabulary

y axis

Quadrant 2 | Quadrant 1

Quadrant 3 | Quadrant 4
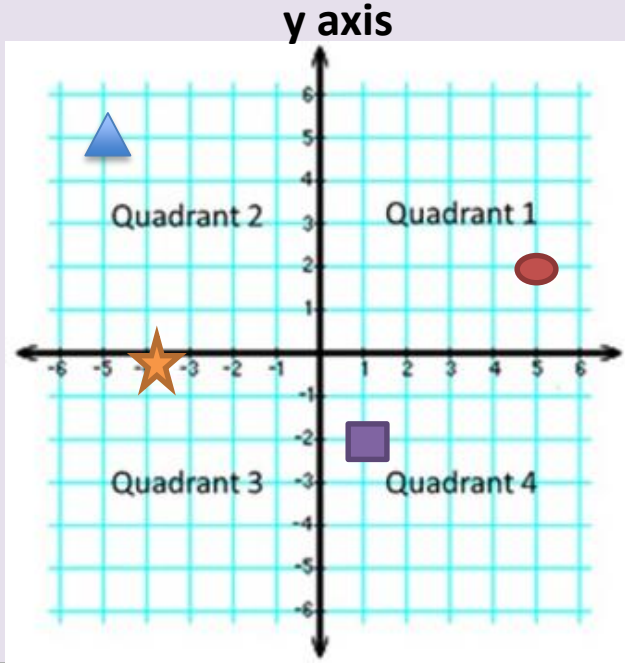
x axis

Coordinates are read as (x,y)

⬭ **(5,2)**   ⭐ **(0,-4)**

🔺 **(-5,5)**   ⬛ **(1,-2)**

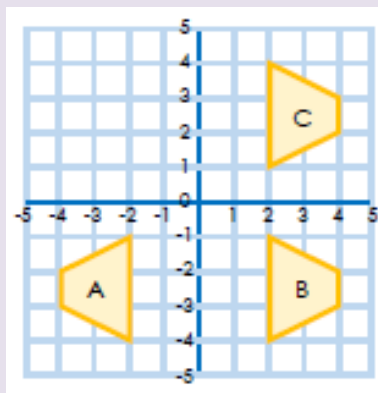| horizontal	A line going from side to side
vertical	A line going up and down
plane	A flat surface with no thickness. It has 2 dimensions – length and width
quadrant	The 4 areas made when we divide up a plane with the x-axis and y-axis
coordinates	A pair of numbers showing position – first number shows 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
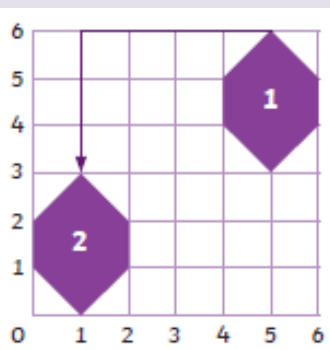
Each point of the shape moves the same distance in the same direction

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