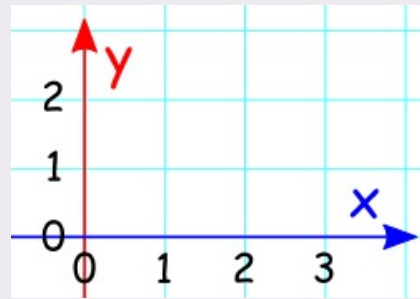


Year 3 - Coordinates, translation and reflection

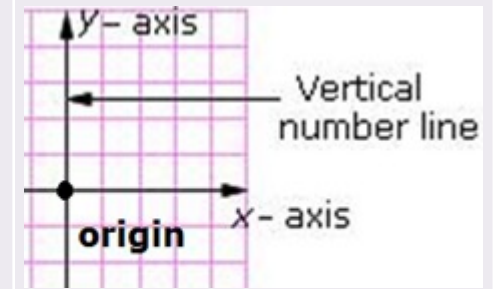
x - axis

The horizontal axis of a graph is called the x-axis, (Remember first we walk down the hall), we always plot the x-axis first.



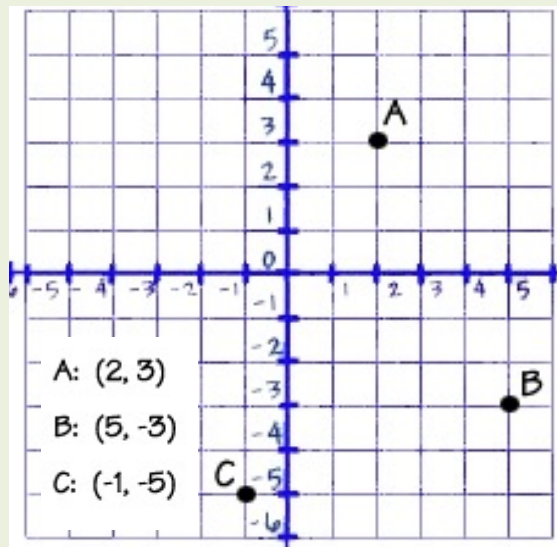
y - axis

The vertical axis of a graph is called the y-axis, (Remember first we walk down the hall, then up the stairs), we always plot the y-axis second.



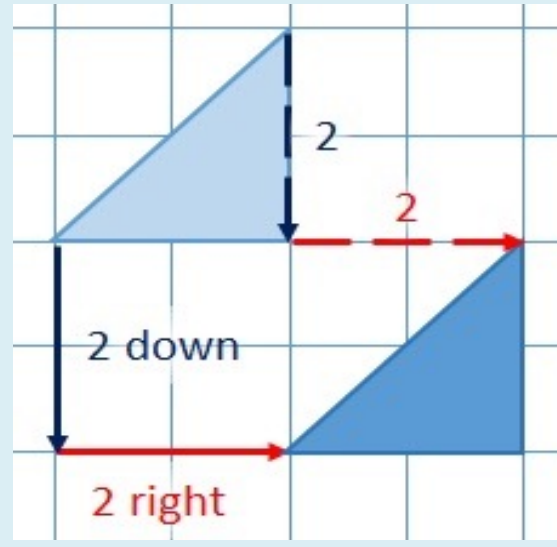
Coordinates

Coordinates are two numbers or letters that describe a position on graphs, charts and maps. The horizontal coordinate is always written first and the vertical coordinate second.



Translation

If you translate a shape you slide it to a different position. In a translation you do not turn or rotate the shape.



Reflection

If you reflect a shape you draw the mirror image. The mirror image is called the reflection. Reflecting a shape swaps left and right over.

