## Translation of a shape on the grid.

This grid shows 4 markers in the top left grid section that creates a rectangle shape.

The coordinates for this shape are $A:-5,3, B:-5,7, C:-7,3, D:-7,7$


If the shape was to move, it would have a new set of coordinates.
For example, if the square to move 10 squares to the right its new coordinates would be R:5,3, S:3,3, P:3,7, Q:5,7.

The shape is now in the top right section of the grid.
Now, if the shape moves again down this time by 9 squares down the new coordinates would be: $W: 5,-6, X: 3,-6, Y: 3,-2, Z: 5,-2$.

The shape is now in the bottom right section of the grid.

NOTE: the first coordinate for each shape is always the from the horizontal, across lines and the second coordinate is always from the vertical, up lines.

