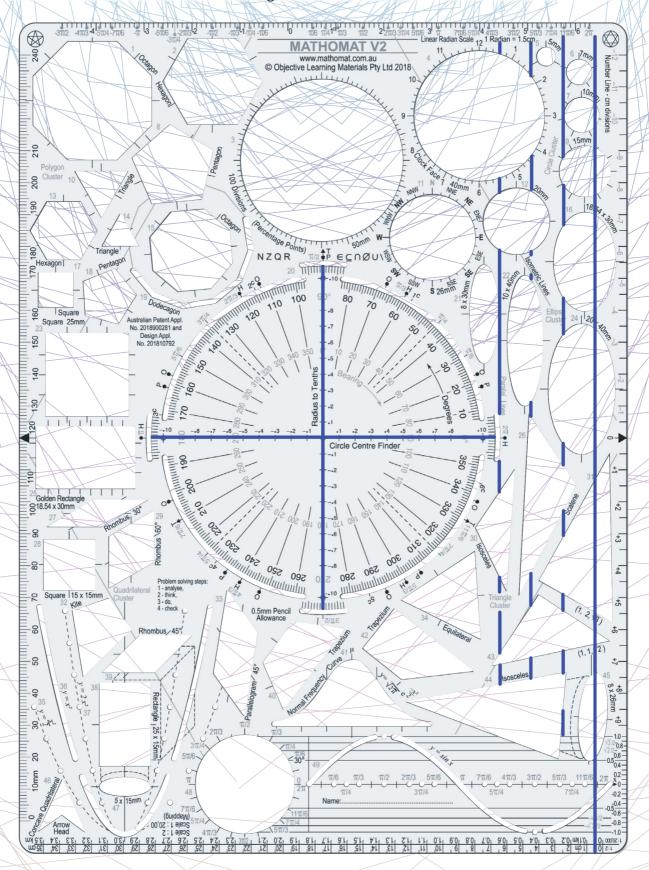
Cartesian Plane

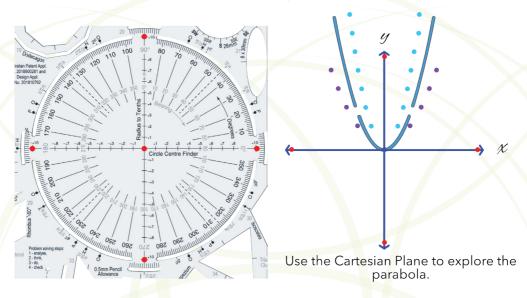
Drawing The Cartesian Plane

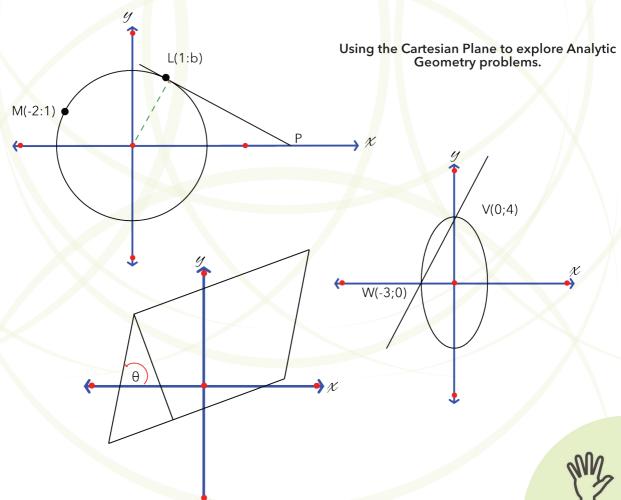


Cartesian Plane examples

Sketch the Cartesian Plane

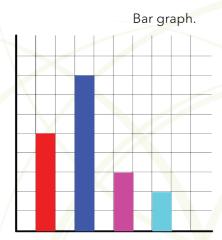
Join the dots to form a system of axes.





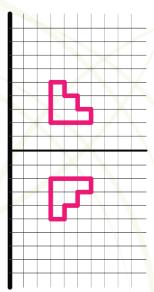
Some Uses for Grids

The Square Grid

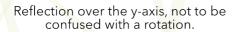


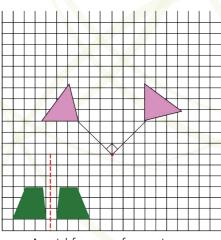




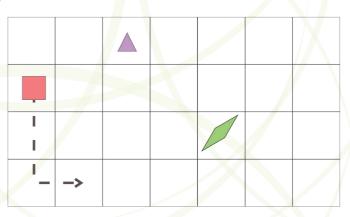


Reflection over the x-axis, not to be confused with a rotation.





A grid for transformations



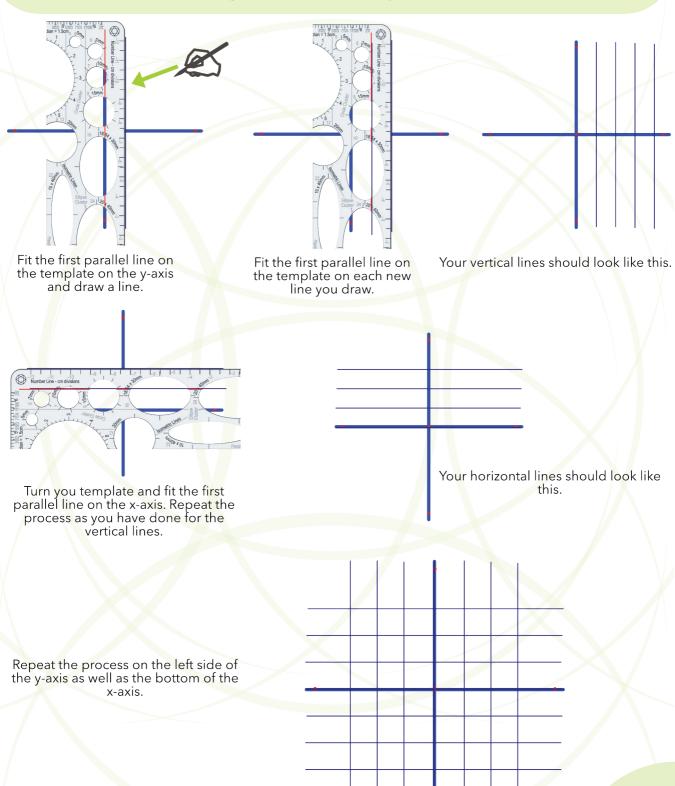
Use the square (the bigger the better) to draw a grid. Have the students move cut-out shapes to perform the transformation that is being dictated.

For example: Red square: Translate two down and one to the right.



Drawing a grid

Using Parallel lines for a Square Grid



A completed grid.

