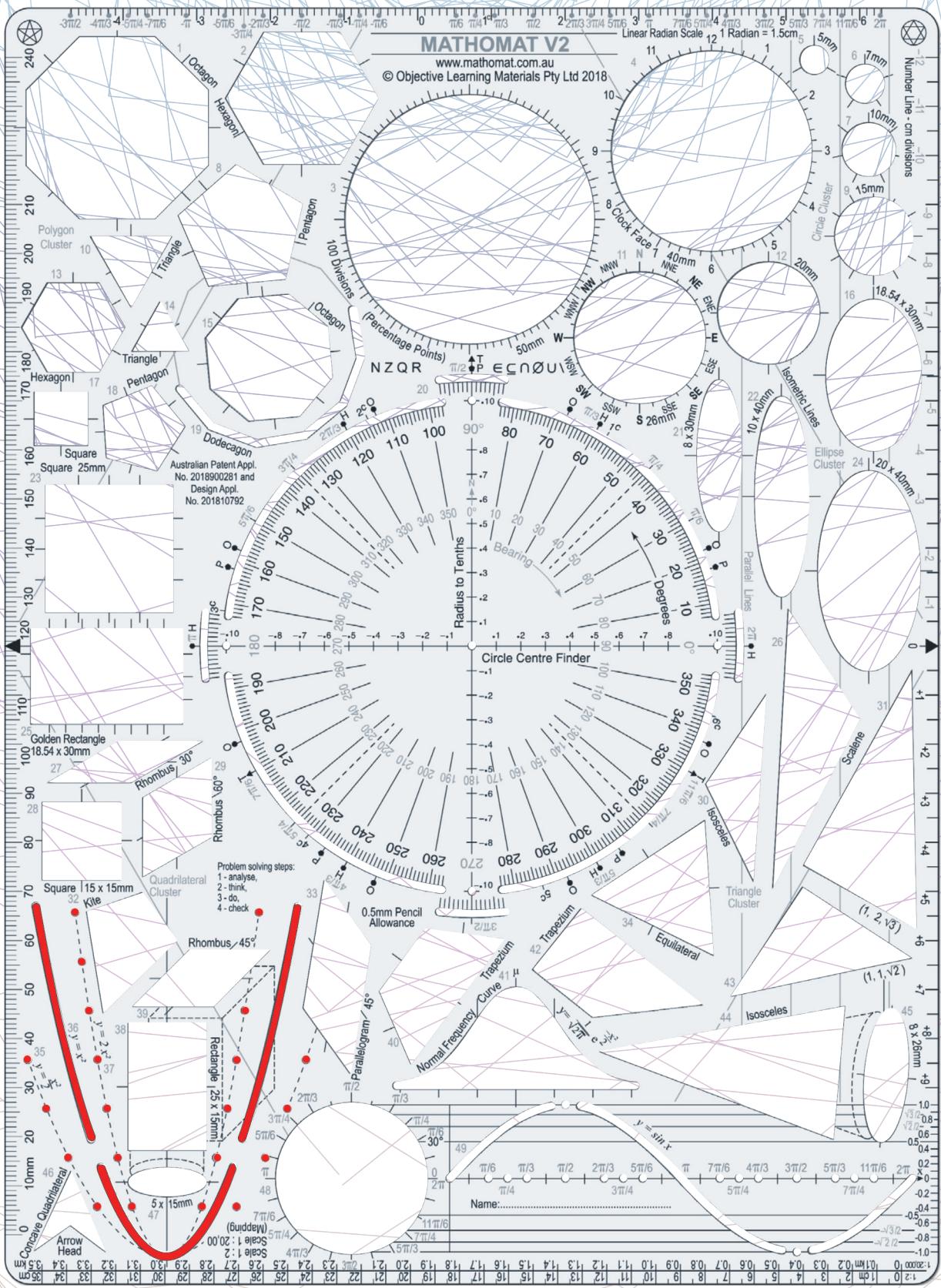


## Functions Parabola

### Parabola: Standard form and Variations

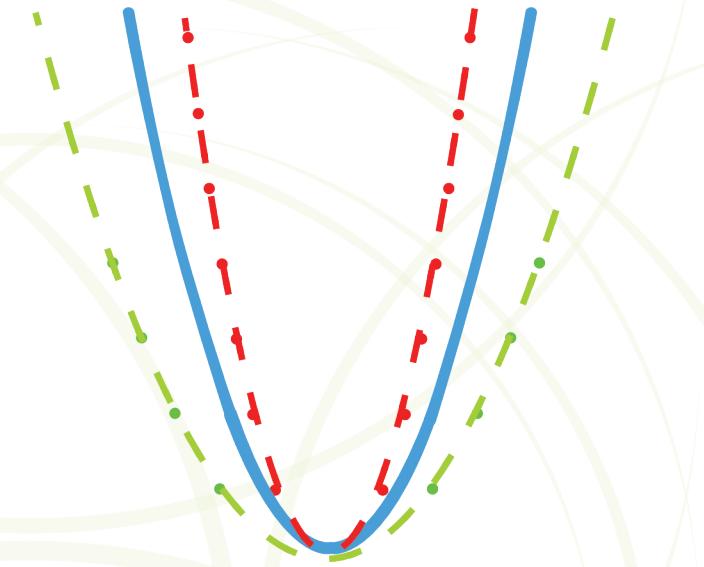


## Parabolas examples

Standard Form Solid lines and Variations Dotted lines



Visualizing how changing values in the formula leads to a change in how the parabola looks.



Join the dots to form lines.

Use the parabola in conjunction with the Cartesian Plane. Explore how the shape changes as variables in the formula are altered. Explore how rotation affects a Parabola, by applying the straight line test for functions, to both of the sketches.

