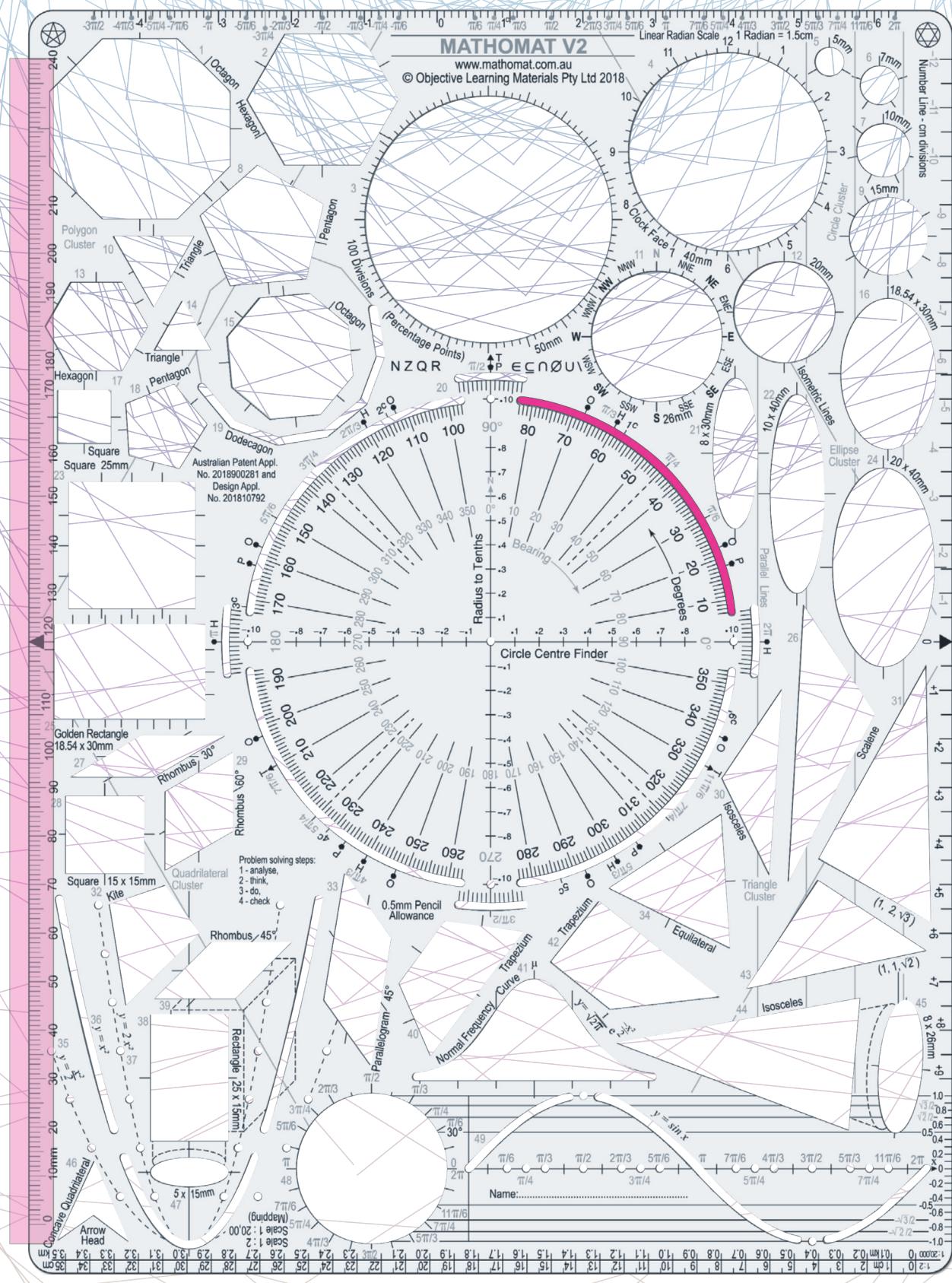


Compass-less Constructions

Constructing with MATHOMAT

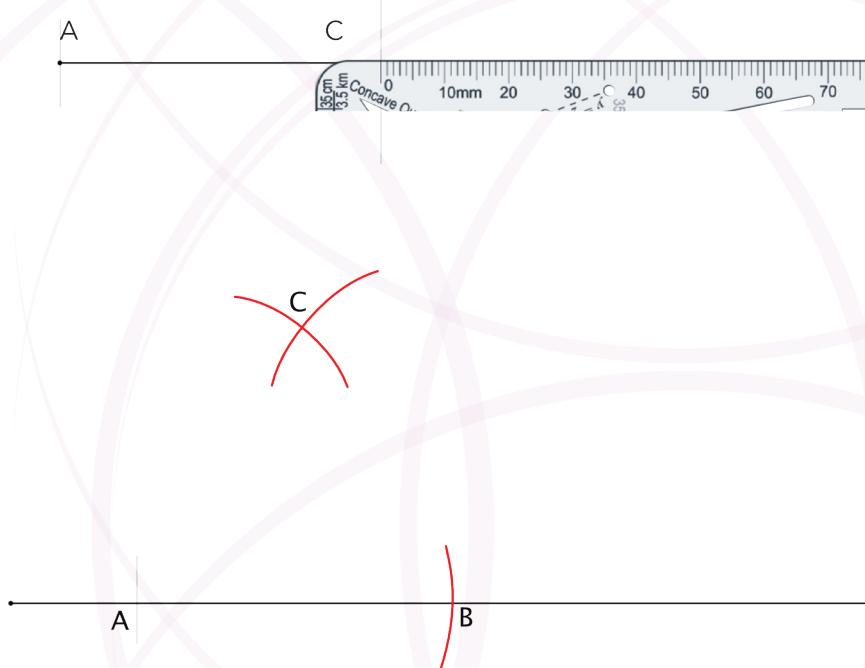


The Three - Point - Measure: TPM

Constructions using the TPM

The construction process using a TPM

The process of creating an arc



Arcs created for a specific construction

Our Constructions manual shows how to do these constructions using three different methods.

This enables our young students who have not yet mastered formal measurement to explore the drawing of angles.

Our intermediate students are taught the unique TPM method to do constructions by using more features of the template.

Lastly our proficient students can manipulate the template and combine their knowledge on rotation and template - manipulation to do quick constructions.

All three these methods explores different parts of how angles are formed and bisected as well as their close relationship with circles.

Having a student master all of them will ensure a deeper knowledge and understanding of geometry.

None of our construction-methods involves a compass.

