

# Year 12 M7:Higher Tier

## Geometry and Measure Overview

### **Learning Outcomes**

You should be able to:

- describe and transform 2D shapes using combined transformations;
- describe and transform 2D shapes using reflections in the lines  $y = \pm x$ ;
- describe and transform 2D shapes using enlargements by a fractional scale factor;
- understand and use the effect of enlargement on the volume of solids;
- use the relationship between the ratios of lengths and areas of similar 2D shapes;