

# Symmetry

## Level 2

Identify reflective symmetry in patterns and 2-D shapes and draw lines of symmetry in shapes.

## Level 3

Draw and complete shapes with reflective symmetry.

Draw the reflection of a shape when the mirror line is along one side of the shape.

Draw polygons and recognise their line symmetry including those with more than one line of symmetry.

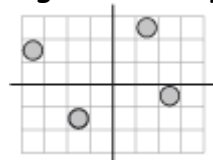
Draw the position of a shape after a reflection in a horizontal or vertical line of symmetry where the shape is not touching the line of symmetry.

## Level 4

Recognise an oblique line of symmetry in a shape.

Complete patterns with up to two lines of symmetry.

E.g. The heavy lines are lines of symmetry. Complete the pattern.



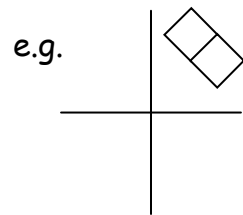
Reflect shapes on a grid in a mirror line presented at 45°.

Reflect shapes accurately by using the distance from the vertices to the mirror line.

## Level 5

Reflect shapes not presented on grids by measuring perpendicular distances to/from the mirror.

Recognise where a shape will be after reflection in 2 mirror lines at right angle [when the sides of the shape are not parallel or perpendicular to the mirror line].



Find lines of reflection symmetry in shapes and diagrams.

Draw shapes with a fixed number of lines of symmetry.

Recognise the order of rotational symmetry in simple contexts.