

Milestone 2

Geometry

Key Vocabulary

2d and 3d (dimensions) Solid Size Bigger, larger, Smaller Symmetrical, Line of symmetry corner Fold Match Mirror line, Reflection, Pattern Repeated pattern Orientation (same orientation, different orientation) Perpendicular	Polygons (3- 10 sides) Quadrilateral Pentagon Hexagon Heptagon Octagon Nonagon Decagon Quadrilaterals Triangles Right angle, acute and obtuse angles Regular and irregular polygons Vertices Vertex	Vertically opposite (angles) Circumference, radius, diameter Greater/less than ninety degrees
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Ready to progress?

Use the properties of rectangles to deduce related facts and find missing lengths and angles

Describe positions on a 2-D grid as coordinates in the first quadrant

Describe movements between positions as translations of a given unit to the left/right and up/down

Plot specified points and draw sides to complete a given polygon.

Identify lines of symmetry in 2-D shapes presented in different orientations

Identify acute and obtuse angles and compare and order angles up to two right angles by size. Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles

Retrieval grid

Identify 3-D shapes, including cubes and other cuboids, from 2-D representations

Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes

distinguish between regular and irregular polygons based on reasoning about equal sides and angles.

Complete a simple symmetric figure with respect to a specific line of symmetry.

Recognise angles as a property of shape or a description of a turn

identify: angles at a point and one whole turn (total 360°) angles at a point on a straight line and $2 \frac{1}{2}$ a turn (total 180°) other multiples of 90°

Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle draw given angles, and measure them in degrees ($^\circ$)

Identify horizontal and vertical lines and pairs of perpendicular and parallel lines
Baseline