

Learning objectives

This is the first of two units on *angle geometry*; the second is *Angles, Circles and Tangents*. Angle geometry underpins all the work on trigonometry in the set of units that follows. After completing this unit you should

- be able to measure and construct accurately, using a protractor, angles up to 360°
- be able to identify the rotational symmetry and line symmetry of 2 dimensional shapes
- know and understand the angle facts for points, lines, triangles and quadrilaterals
- know and understand the angle facts for parallel and intersecting lines
- be able to determine the size of the interior and exterior angles for a regular polygon.