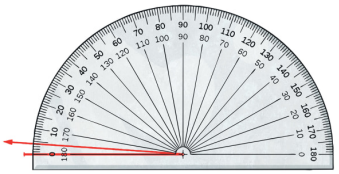
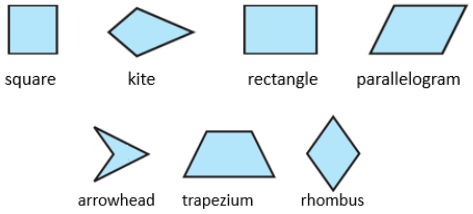
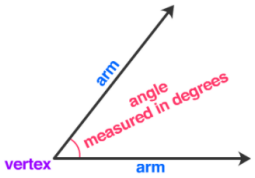
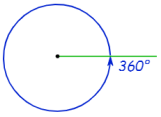
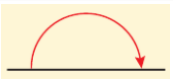
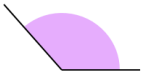
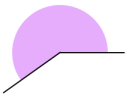
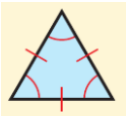
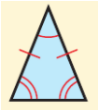
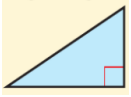
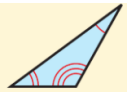
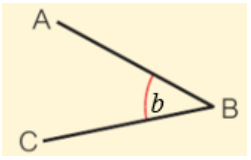
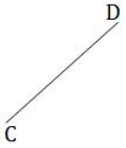
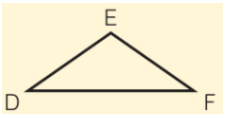
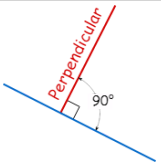
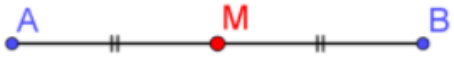
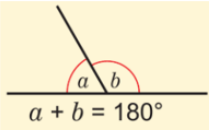
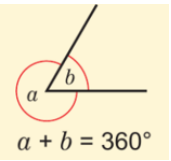
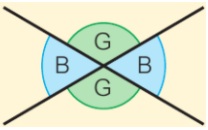
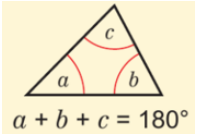
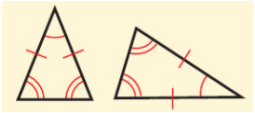
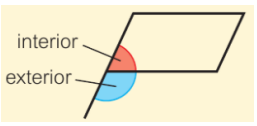
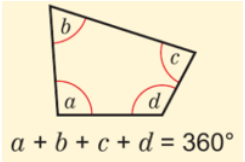
Prior Knowledge			
1	Protractor		A tool to measure, or draw, angles in degrees, to measure accurately the crosshair must be lined up with the vertex of the angle. Most protractors have 2 scales so that you can measure angles in either direction.
2	Quadrilateral		A quadrilateral is a straight sided shape with four sides.
3	Diagonal		A diagonal is a line joining 2 opposite vertices
Core Knowledge			
4	Angle		Angles are a measure of turn, they are measured in degrees (°)
5	Whole turn (or full turn)		Angles in a full turn add up to 360°
6	Right angle		A right angle is a quarter turn, 90°
7	Half turn		A half turn is 180°
8	Acute angle		An acute angle is less than 90°
9	Obtuse angle		An obtuse angle is between 90° and 180°
10	Reflex angle		A reflex angle is between 180° and 360°. To measure a reflex angle, measure the smaller angle and subtract from 360°.
11	Equilateral triangle		All angles and sides are equal. Equal sides are marked with a dash. Equal angles are shown using the same number of arcs.
12	Isosceles triangle		Two equal sides and angles.
13	Right angled triangle		One angle is a right angle.
14	Scalene triangle		All sides and angles are different.

15	Angle notation		This angle can be named by any of these: • angle ABC • $A\hat{B}C$ • ∠ABC • b
16	Line notation		Line segments can be described by the capital letters at their ends. This example shows line CD.
17	Triangle notation		You can describe a triangle using the letters at its vertices. This example is triangle DEF.
18	Perpendicular		Perpendicular lines are at right angles to each other.
19	Parallel		Parallel lines are always the same distance apart and never meet.
20	Accurate drawing		To make an accurate drawing you must use a ruler for sides and a protractor for angles.
21	Sketch		Sketch means a rough diagram, it does not have to be accurate.
22	Midpoint		The midpoint is the middle of a line segment.
23	Angles on a straight line		Angles on a straight line add up to 180°
24	Angles around a point		Angles around a point add up to 360°
25	Vertically opposite angles		When 2 lines cross, they make pairs of vertically opposite angles. Vertically opposite angles are **equal**.
26	Angles in a triangle		Angles in a triangle add up to 180°
27	Base angles in isosceles triangles		In an isosceles triangle, the angles at the base of the equal sides are equal.
28	Interior and exterior angles		An interior angle is inside a shape. An exterior angle is outside the shape on a straight line with the interior angle.
29	Angles in a quadrilateral		Angles in a quadrilateral add up to 360°