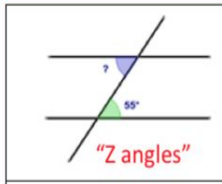
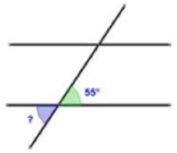
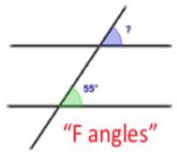
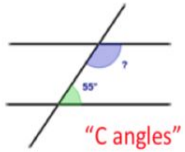
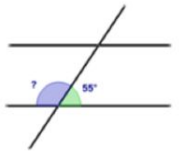
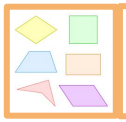
Y7 Maths Block 2 - Angles

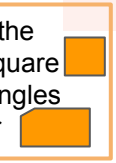
Angles in Parallel Lines

	Relationship	Properties
	Alternate Angles	Equal
	Opposite Angles	Equal
	Corresponding Angles	Equal
	Co-interior Angles	Add up to 180°
	Angles on a straight line	Add up to 180°



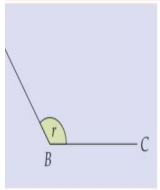
A **quadrilateral** is a 2d shape with 4 sides and 4 angles

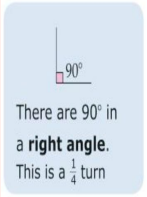
A regular polygon has sides that are the same and angles the same - like a square
An irregular polygon has sides and angles that may be different from each other

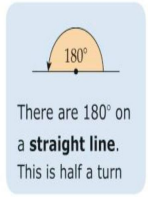


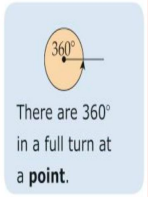
Angles

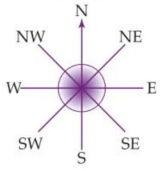
An angle is a measure of turn
You can measure the turn in degrees
° is the symbol for degrees
You can describe this angle as angle ABC angle CBA ot angle *r*



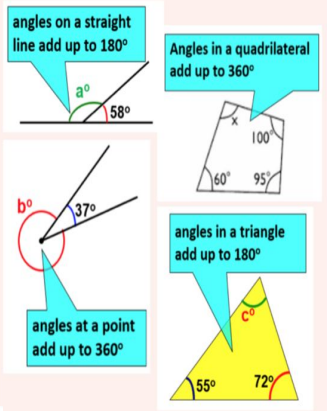




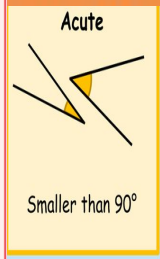


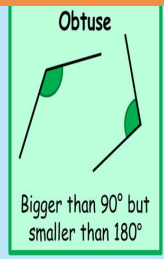


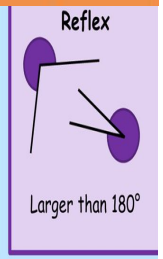
Angle Facts

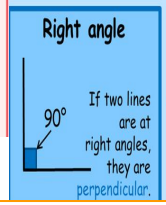


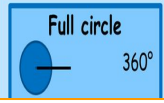
Types of Angles

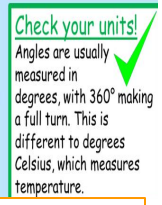






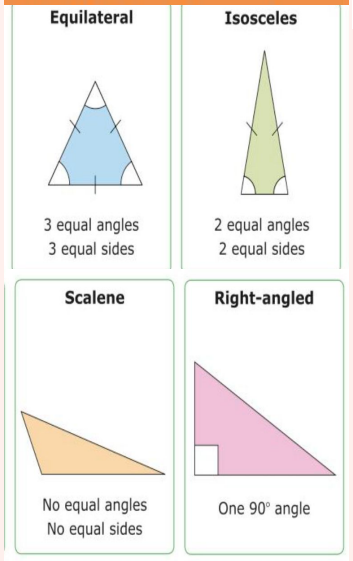




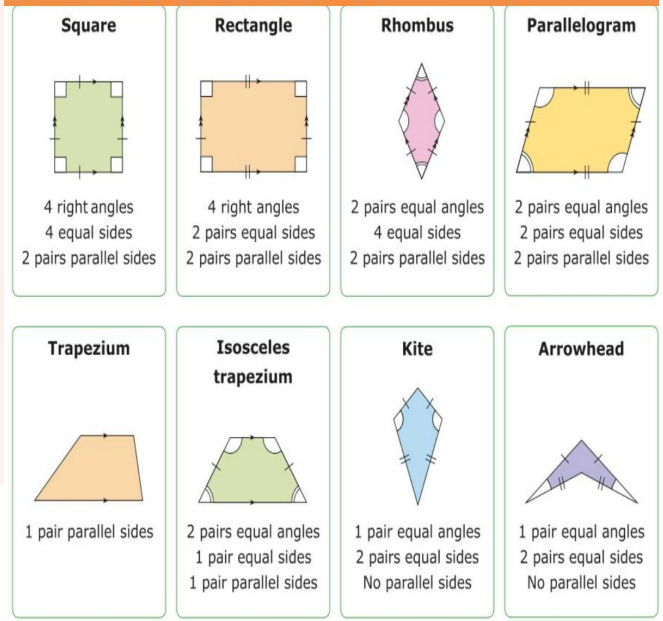


The interior angles of a polygon are the total sum of th angles inside the polygon
Interior angles of a quadrilateral = 360°

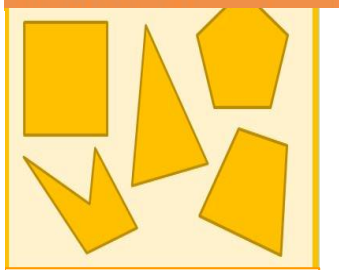
Triangles



Quadrilaterals



Polygons



A Polygon is a **closed** 2D shape made of **straight** lines

poly = many
gon = angle
Polygon = many angles