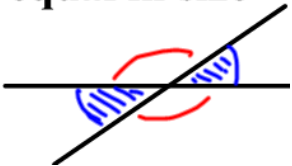


FOUNDATION TIER Module 4
Lines, angles and shapes

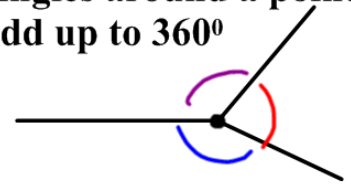
Vertically opposite angles are equal in size



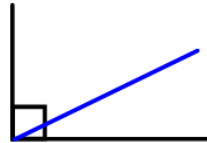
Angles on a straight line add up to 180°



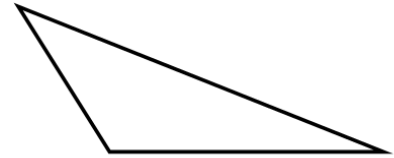
Angles around a point add up to 360°



Angles in a right angle add up to 90°



Angles in a triangle add up to 180°



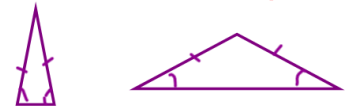
number of sides	mathematical name
3	TRIANGLE
4	QUADRILATERAL
5	PENTAGON
6	HEXAGON
7	HEPTAGON/ SEPTAGON
8	OCTAGON
9	NONAGON
10	DECAGON
11	HENDECAGON/ UNDECAGON
12	DODECAGON

Equilateral



Isosceles

2 sides equal
base angles equal



Right angled

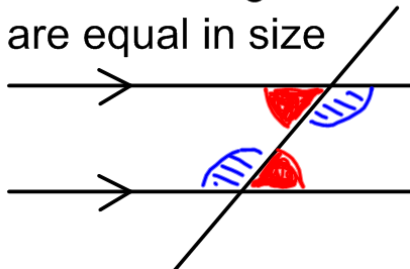


Scalene

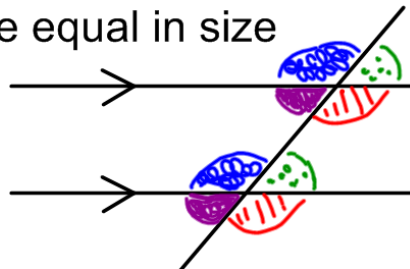
no sides equal
no angles equal



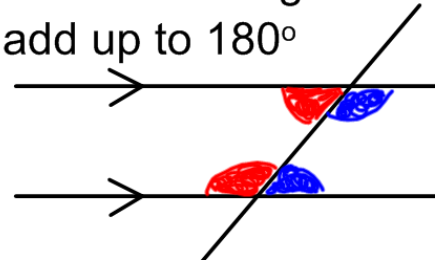
Alternate angles are equal in size



Corresponding angles are equal in size



Co-interior angles add up to 180°



Key Vocabulary: Acute, Obtuse, Reflex, Right, Straight, Parallel, Perpendicular, Vertically opposite, Alternate, Corresponding, Co-interior, Polygon, Interior, Exterior

Key Websites:

- www.mymaths.co.uk login is torpoint, see teacher for password
- www.mrbartonmaths.com
- www.corbettmaths.com
- www.justmaths.co.uk
- www.missbsresources.com
- www.onmaths.com
- www.mathsgenie.co.uk
- www.nrich.maths.org