Year 6 Ravens

Mathematics

Summer Term 2

Geometry:

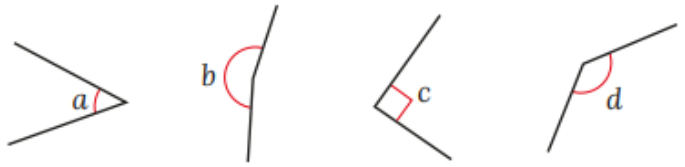
Shape

Number

Sequences

	Key Vocabulary	Definition
Shape	acute	An angle which measures between 0^0 and 90^0
	classify	To arrange a group of angles into classes or categories according to shared qualities or characteristics:
	equilateral triangle	A triangle where all three lengths and all three angles are equal. This means the angle will be 60^0.
	interior	Of the inside of the shape. The interior angles are the angles inside the shape.
	isosceles triangle	A type of triangle where two lengths are equal and two angles are equal.
	measure	To ascertain the size, amount, or degree of (something) by using an instrument or device marked in standard units
	obtuse	An angle which measures between 90^0 and 180^0
	reflex	An angle which measures between 180^0 and 360^0
	scalene triangle	These triangles will not have any lengths of equal size or any equal angles.
Sequences	algebraic	The use of letters to represent a mathematical relationship.
	ascending	Increasing in size or importance
	axes	A fixed reference line for the measurement of coordinates:
	descending	Decreasing in size or importance
	geometric	(of a design) characterized by or decorated with regular lines and shapes:
	linear	Arranged in or extending along a straight or nearly straight line:
	non-linear	not denoting, involving, or arranged in a straight line.
	sequence	A set of related events, movements, or things that follow each other in a particular order

Types of angles



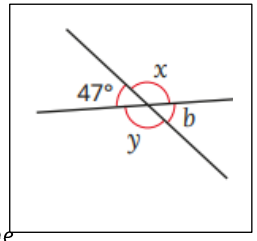
A is an example of an acute angle: it is less than 90^0

B is a reflex angle

C is a right angle: it is always 90^0

D is a obtuse angle because it is larger than 90^0 but smaller than 180^0

Vertically opposite Angles



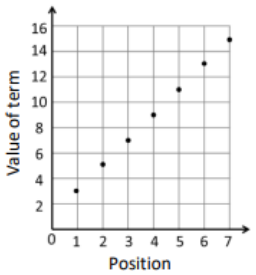
Vertically opposite angles are equal.

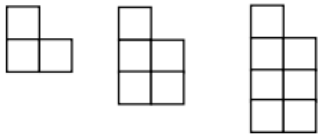
This means that angle b is the same as 47^0

X and Y would also be equal. They can be solved by knowing that angles on a straight line total 180^0 so $180^0 - 47^0$ would be 133^0.

Sequences on a graph

Algebraic formulas can be plotted onto graphs. These can sometimes be described as linear such as the one below as it goes up in a straight line.





Position	1	2	3	4
Term	3	5	7	9