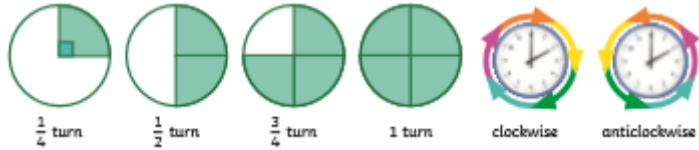
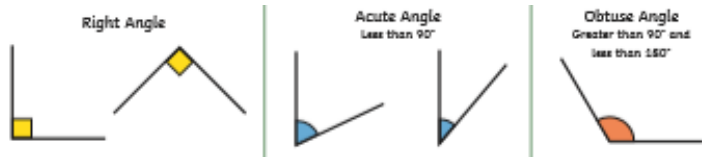


Angles

Angles can be used as a description of a turn.



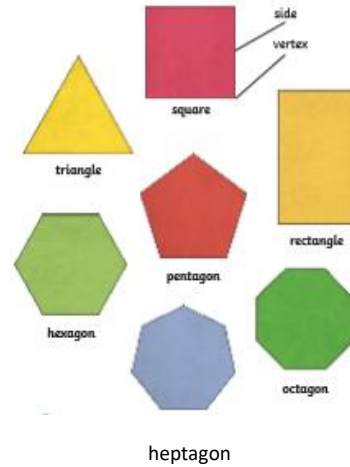
An angle is created when two lines meet at a point or intersect.



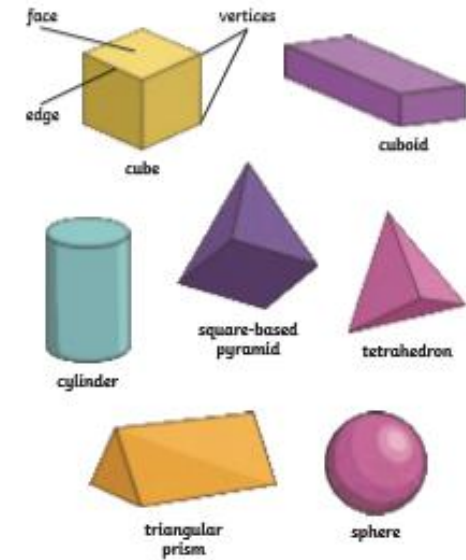
Types of lines



2D Shapes



3D Shapes



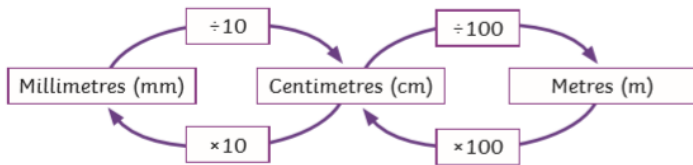
YEAR 4 MATHS KNOWLEDGE ORGANISER

Length and Perimeter

Equivalent Measures

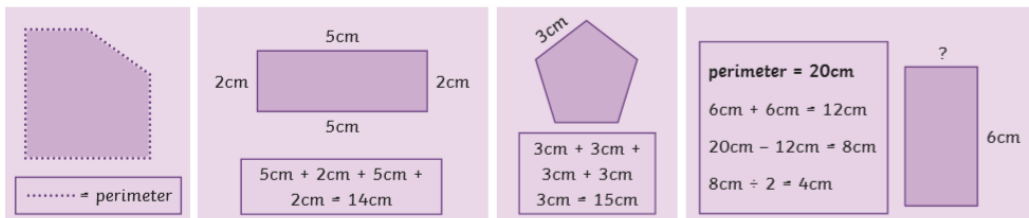
100 centimetres = 1 metre

10 millimetres = 1 centimetre



317cm	
300cm	17cm
3m	17cm
3m 17cm	

Perimeter



Mass and Capacity

Scales can be used to measure grams.

A gram is a unit of measurement that is used to measure the mass of something.

Grams can be written as **g**.



Scales can be used to measure kilograms.

A kilogram is a unit of measurement that is greater than a gram. It is also used to measure the mass of something.

Kilograms can be written as **kg**.



1000g = 1kg

To compare mass, we can use the words 'heavier' and 'lighter'.

Capacity is the amount of liquid a container can hold.

Volume is how much liquid is in the container.

Measuring cylinders can be used to measure smaller volumes.

Smaller volumes are measured in millilitres.

Millilitres can be written as ml.



Measuring jugs can be used to measure larger volumes.

Greater volumes are measured in litres.

Litres can be written as l.

1000ml = 1l



To compare capacities, we can use the word 'full'.