Standard Form

Standard form – A different way of representing a number.

Standard form is written in the form:

$$a \times 10^n$$

a is a number greater than 1 but less than 10

n can be any positive or negative integer

Examples:
$438,000 = 4.38 \times 10^5$
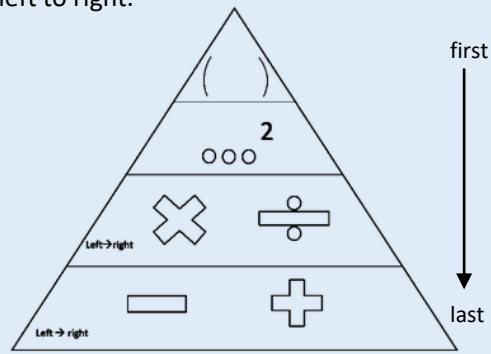(Positive power for a large number)

$0.00832 = 8.32 \times 10^{-3}$
(Negative power for a small number)

Number Sense

Order of operations – The order you follow when solving calculations with a mixture of operations.

Brackets – used to create groups or clarify the order that operations are to be completed.

$\times$ and $\div$ have equal importance so you calculate from left to right.

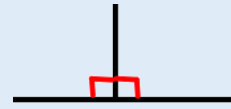$+$ and $-$ have equal importance so you calculate from left to right.

2

first

last

1 centimetre = 10 millimetres

1 metres = 100 centimetres

1 kilometre = 1000 metres

1 kilogram = 1000 grams

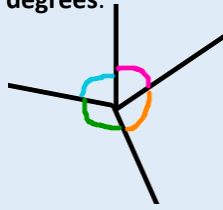**1 litre = 1000 millilitres**

Angle Facts

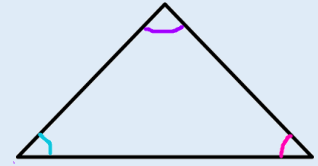**Perpendicular** – lines that meet at **90 degrees** (a right angle)

Angles on a **straight line** sum to **180 degrees**.

Angles **around a point** sum to **360 degrees**.

Triangle – sum of the interior angles is **180 degrees**.

Quadrilateral (any four sided shape) – sum of the interior angles is **360 degrees**.