## Year 6 Herons

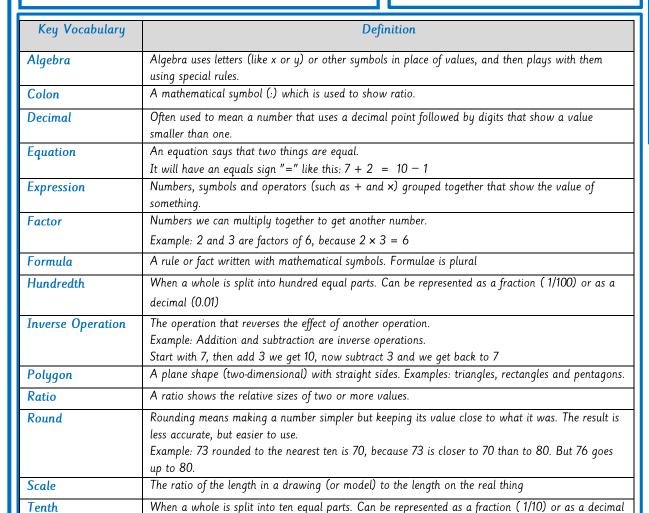
## Maths

Spring 1

(0.1)



Ratio;
Algebra;
and
Decimals





Real Horse 1500 mm high 2000 mm long Drawn Horse 150 mm high 200 mm long

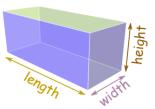
In this example the horse is drawn to scale.

The ratio is for every 10mm in real life it has been drawn as 1mm on the page.

## Formula

The formula for the volume of a box is  $V = l \times w \times h$ 

Which has these variables:



• V stands for volume; I for length; w for width; h for height.

When l=10, w=5 and h=4, then  $V=10 \times 5 \times 4 = 200$ 

## Function Machine

A function machine is a way of showing how maths operations have been applied to a number in the order that they have happened. They are a bit like a flow diagram that is specifically used for mathematical purposes.

