

## Multiplication and division vocabulary

Term	Definition	Example
Factor pairs	a pair of numbers that divides exactly into another number	factors pairs of 12 = 1x 12 2x6 3x4
multiple	a number in another number's times table	multiples of 9 = 9, 18, 27, 36...
Negative	Numbers below 0	-5, -4, -3, -2, -1, 0, 1, 2, 3
multiply by 0	A number x by 0 = 0	7 x 0 = 0 0 x 18 = 0
X and ÷ by 1	When x and ÷ by 1 a number stays the same	8 ÷ 1 = 8 12 x 1 = 12

## Roman numerals

1	I	100	C
5	V	50	L
10	X		

## Measurement conversions

Month	Days
January	31
February	28 (29 in leap year)
March	31
April	30
May	31
June	30
July	31
August	31
September	30
October	31
November	30
December	31

1 year = 365 days (≈ 52 weeks)  
Leap year = 366 days

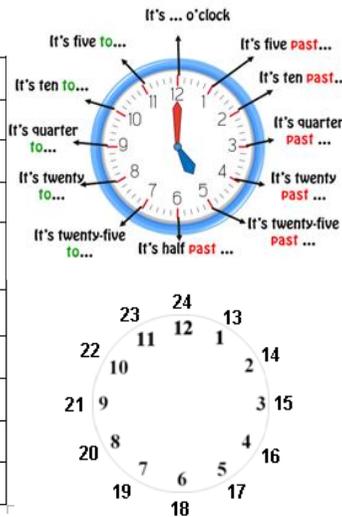
Length	
10mm	1cm
100cm	1 meter (m)
1000m	1 kilometre (km)
Mass	
1000g	1kilogram (kg)
Liquid	
1000ml	1Litre (L)
Money	
100p	£1

## Co-ordinates

Read co-ordinates along the x axis (horizontal) first, then the y axis (vertical). E.g. (3,4) = go right 3, up 4.

## Time

60 Seconds	1 minute
60 minutes	1 hour
24 hours	1 day
7 days	1 week
Noon	Midday- 12pm 12:00pm or 12:00
Midnight	12am or 00:00
Long hand	Tells us the minute
Short hand	Tells us the hour
am	morning
pm	afternoon

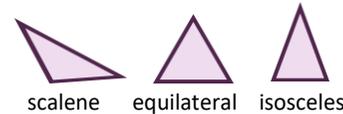


## 2D shapes

Name	No. of sides
quadrilateral	4
pentagon	5
hexagon	6
heptagon	7
octagon	8
nonagon	9
decagon	10

polygon = shape with straight sides  
regular = all sides/angles the same  
irregular = sides/angles **not** same

## Types of triangle



**Scalene**= all angles and sides are different sizes

**Equilateral**= all angles and sides are the same size

**Isosceles**= 2 angles and sides are the same size, one is different

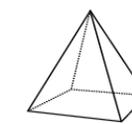
**Right angled triangle**= one of the angles meets at 90°

## Types of quadrilateral

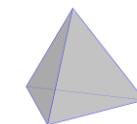


2 sets of Parallel lines      1 set of Parallel lines      four equal sides

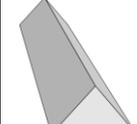
## 3D shapes



square-based pyramid



triangular-based pyramid



triangular prism

	square-based pyramid	triangular-based pyramid	triangular prism
<b>faces</b> (the flat sides)	5	4	5
<b>edges</b>	8	6	9
<b>vertices</b> (the points where the edges meet)	5	4	6

## Shape vocabulary

horizontal line

parallel lines

vertical line

perpendicular lines  
(at right angles)

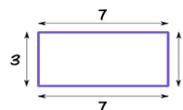
## Area and Perimeter

**Area**- the amount of space inside a shape measured in cm<sup>2</sup> or m<sup>2</sup> (count squares)

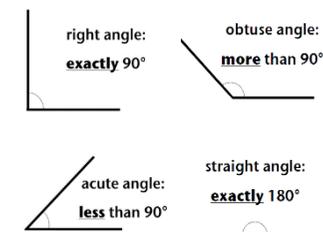
Area =  
8 cm<sup>2</sup>



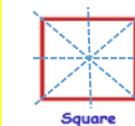
**Perimeter**- the distance around a shape measured in mm, cm, m or km 7+3+7+3=10cm



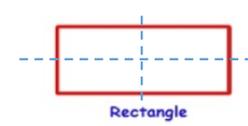
## Angles



**Symmetry** When a shape is split so it is identical (the same) on both sides



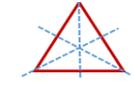
4 lines of symmetry



2 lines of symmetry



No lines of symmetry



3 lines of symmetry