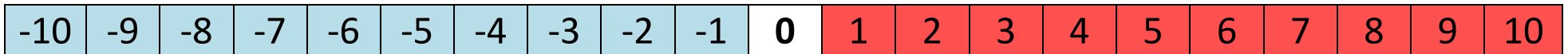
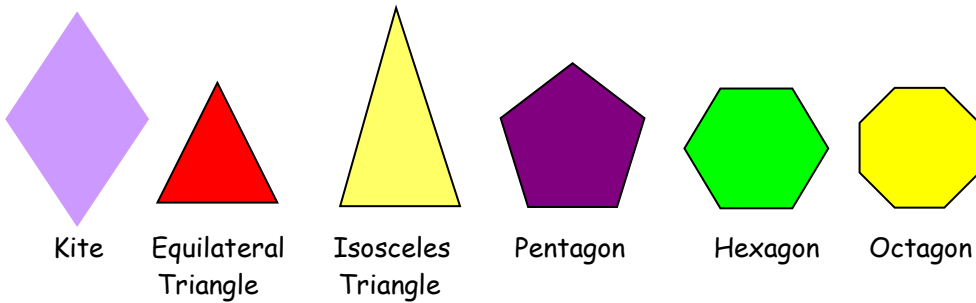
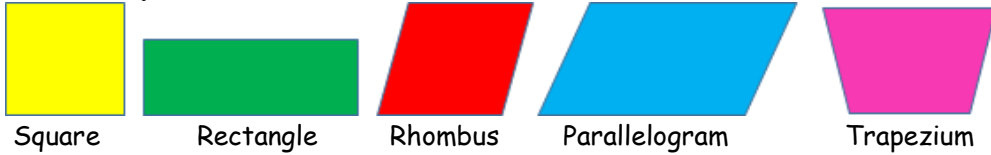


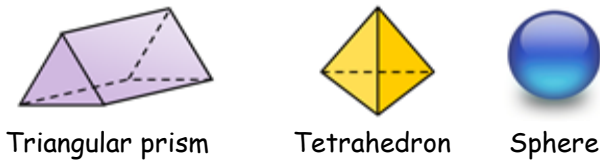
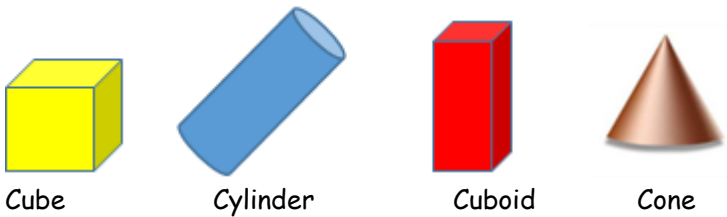
NUMERACY



2D Shapes



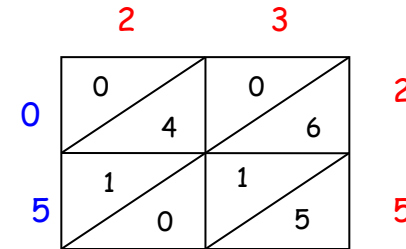
3D Shapes



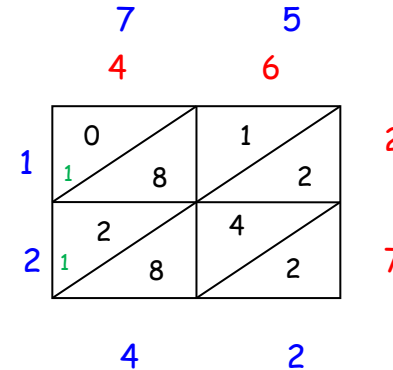
FACES - Flat sides
EDGES - Where two faces meet
VERTICES - The corners



Napier's Bones



$$23 \times 25 = 575$$



$$46 \times 27 = 1242$$

Metric Measurements

- 1 cm = 10 mm
- 1 m = 100 cm
- 1 km = 1000 m
- 1 kg = 1000 g
- 1 tonne = 1000 kg
- 1 litre = 1000 ml
- 1 litre = 1000 cm³



Metric to Imperial

- 2.5 cm ≈ 1 inch
 - 8 km ≈ 5 miles
 - 1kg ≈ 2.2 pounds
 - 1 litre ≈ 1.75 pints
- (this means approximately)

Square Numbers

1^2	$1 \times 1 = 1$	11^2
2^2	$2 \times 2 = 4$	12^2
3^2	$3 \times 3 = 9$	13^2
4^2	$4 \times 4 = 16$	14^2
5^2	$5 \times 5 = 25$	15^2
6^2	$6 \times 6 = 36$	16^2
7^2	$7 \times 7 = 49$	17^2
8^2	$8 \times 8 = 64$	18^2

Equivalent fractions, decimals and percentages

$$\frac{1}{2} = 0.5 = 50\%$$

$$\frac{1}{4} = 0.25 = 25\%$$

$$\frac{1}{10} = 0.1 = 10\%$$

$$\frac{1}{100} = 0.01 = 1\%$$

$$\frac{1}{3} = 0.\dot{3} = 33.\dot{3}\%$$

$$\text{So } \frac{3}{4} = 0.75 = 75\%$$

$$\text{So } \frac{3}{10} = 0.3 = 30\%$$

$$\text{So } \frac{17}{100} = 0.17 = 17\%$$

$$\text{So } \frac{2}{3} = 0.\dot{6} = 66.\dot{6}\%$$

PRIME NUMBERS

2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37 ...

1 is not a Prime Number

2 is the only even Prime Number

MULTIPLES

Multiples are just the numbers that appear in its times table

Multiples of 3 are: 3, 6, 9, 12, ...

FACTORS

A factor will divide exactly into a number

Factors of 10 are 1, 2, 5, 10
(find them in pairs 1x10, 2x5)



Time

1 minute	-	60 seconds
1 hour	-	60 minutes
1 day	-	24 hours
1 week	-	7 days
1 year	-	52 weeks
1 year	-	12 months
1 year	-	365 days (366 in a leap year)

January	-	31 days
February	-	28 / 29 days
March	-	31 days
April	-	30 days
May	-	31 days
June	-	30 days
July	-	31 days
August	-	31 days
September	-	30 days
October	-	31 days
November	-	30 days
December	-	31 days

