

Maths mat

X	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Metric Measurements

1 centimetre (cm) = 10 millimetres (mm)

1 metre (m) = 100 centimetres

1 kilometre (km) = 1000 metres

1 kilogram (kg) = 1000 grams (g)

1 tonne = 1000 kilograms

1 litre (l) = 1000 millilitres (ml)

1 litre = 1000cm³

1cm³ = 1 millilitres



F	D	P
1/2	0.5	50%
1/3	0.33	33%
2/3	0.66	66%
1/4	0.25	25%
3/4	0.75	75%
1/5	0.2	20%
1/10	0.1	10%

2D SHAPES



Triangle



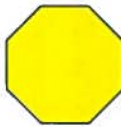
Rectangle



Pentagon



Hexagon

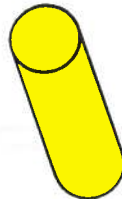


Octagon

3D SHAPES



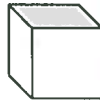
Cone



Cylinder



Cuboid



Cube



Pyramid



Sphere

FACES - Flat sides
EDGES - Where two faces meet
VERTICES - Where three or more sides meet (corners)

Width

Height

$$\text{Perimeter} = (\text{Width} + \text{Height}) \times 2$$

$$\text{Area} = \text{Width} \times \text{Height}$$

Maths mat

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

1000	2000	3000	4000	5000	6000	7000	8000	9000
100	200	300	400	500	600	700	800	900
10	20	30	40	50	60	70	80	90
1	2	3	4	5	6	7	8	9
0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9

+
add
total
sum
altogether
more
plus
how many
more
increase

-
take away
difference
minus
subtract
fewer
decrease

X
times
multiply
lots of
groups of
repeated
addition
product

÷
divided by
divided into
divided
between
shared
equally
group

Multiplying by 10

Multiplying by 100

Multiplying by 1000

Dividing by 10

Dividing by 100

Dividing by 1000

e.g. $5.6 \times 100 = 560$

The Decimal Point Does Not Move!

Th	H	T	U	1/10	1/100
Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
			5	.	6

