

100 Square

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

Number Line

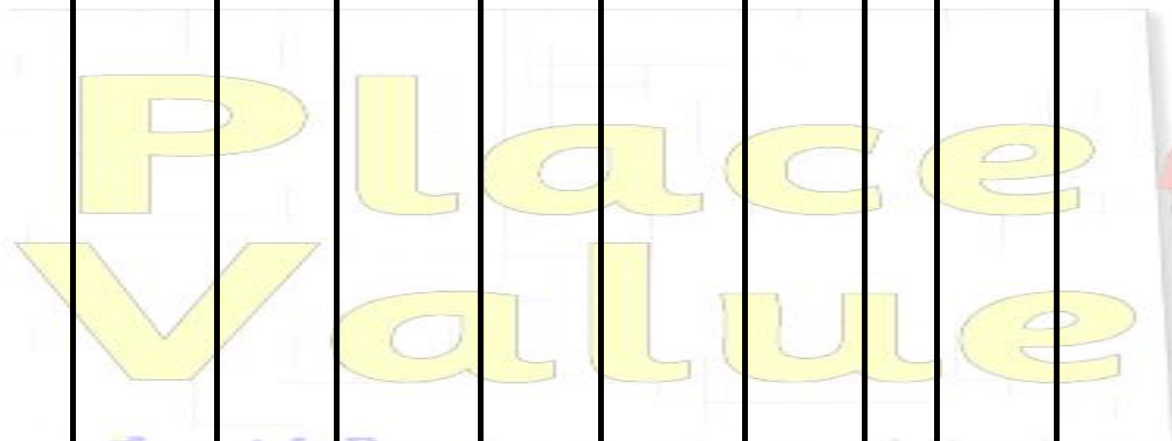
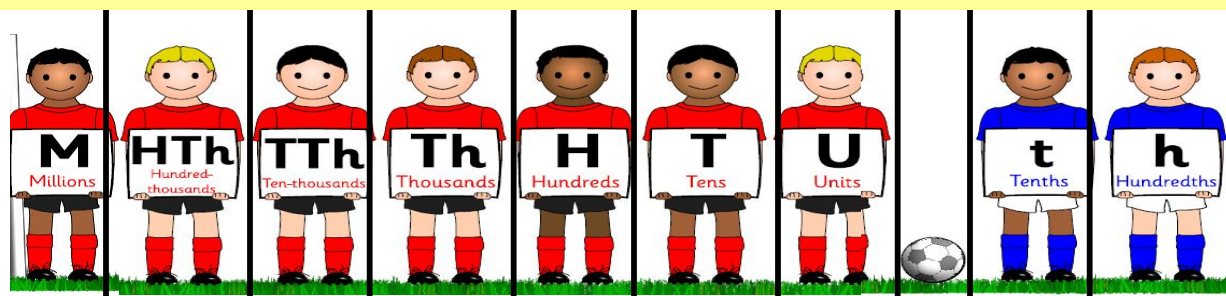
Maths Mat

Doubles & Halves

Double = x2	Half = ÷ 2
Double 10 = 20	Half 20 = 10
Double 15 = 30	Half 30 = 15
Double 20 = 40	Half 40 = 20
Double 25 = 50	Half 50 = 25
Double 30 = 60	Half 60 = 30
Double 35 = 70	Half 70 = 35
Double 40 = 80	Half 80 = 40
Double 45 = 90	Half 90 = 45
Double 50 = 100	Half 100 = 50

Multiplication Square

X	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	54	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100



+	-	X	÷
add total sum altogether more plus how many more increase	take away difference minus subtract fewer decrease	times multiply lots of groups of repeated addition product	divided by divided into divided between shared equally group

More Place Value

Th Thousands	H Hundreds	T Tens	U Units		1/10 Tenths	1/100 Hundredths
				●		

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

Square Numbers

$1^2 = 1$	$6^2 = 36$
$2^2 = 4$	$7^2 = 49$
$3^2 = 9$	$8^2 = 64$
$4^2 = 16$	$9^2 = 81$
$5^2 = 25$	$10^2 = 100$

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 (l) = 100 centilitres (cl)
 1 centilitre = 10 millilitres (ml)

Multiplying by 10

Multiplying by 100

Multiplying by 1000

Dividing by 10

Dividing by 100

Dividing by 1000

e.g. $5.6 \times 100 = 560.0$

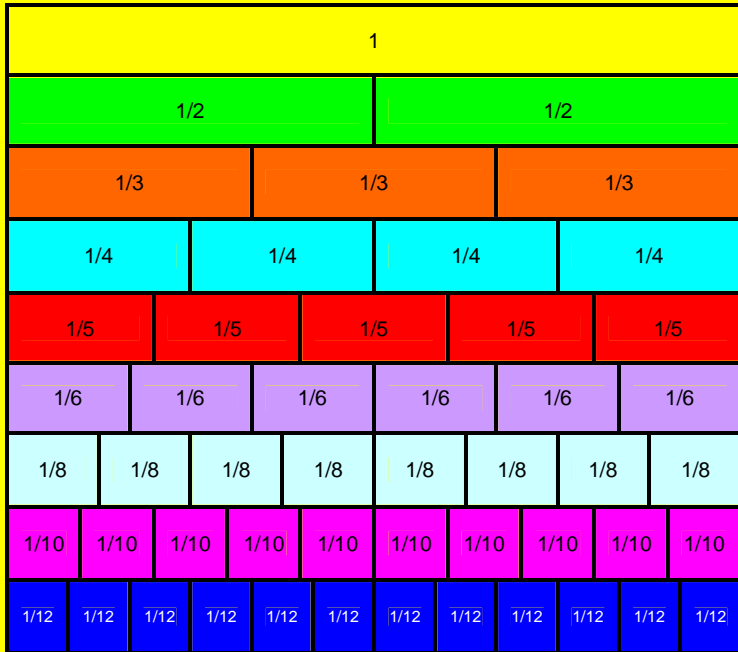
e.g. 560.0

The Decimal Point Does Not Move!

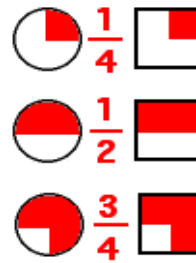
Blank Number Line



Fraction Wall

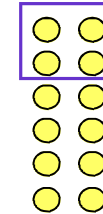
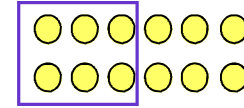


Fractions, Decimals & Percentages



$\frac{1}{2}$ of 12 is 6

$\frac{1}{3}$ of 12 is 4



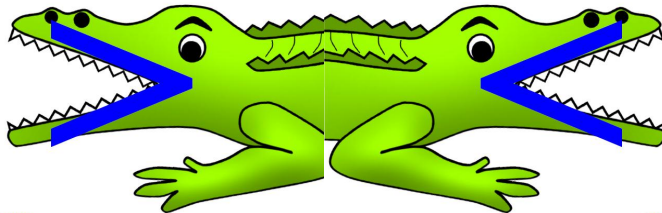
Fractions of amounts

$\frac{3}{4}$ of 20 = (20 - 4 = 5) x 3 = 15

Divide by the Denominator $\frac{3}{4}$
 Multiply by the Numerator

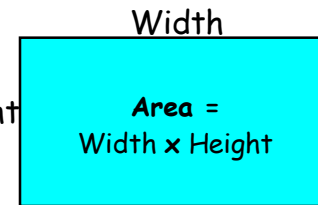
F	D	P
1	1.0	100%
$\frac{1}{2}$	0.5	50%
$\frac{1}{3}$	0.33	33%
$\frac{1}{4}$	0.25	25%
$\frac{3}{4}$	0.75	75%
$\frac{1}{5}$	0.2	20%
$\frac{1}{10}$	0.1	10%

Greater Than



Less Than

Height



Perimeter = (Width + Height) x 2

6

1 x 6 = 6
2 x 6 = 12
3 x 6 = 18
4 x 6 = 24
5 x 6 = 30
6 x 6 = 36
7 x 6 = 42
8 x 6 = 48
9 x 6 = 54
10 x 6 = 60
11 x 6 = 66
12 x 6 = 72

7

1 x 7 = 7
2 x 7 = 14
3 x 7 = 21
4 x 7 = 28
5 x 7 = 35
6 x 7 = 42
7 x 7 = 49
8 x 7 = 56
9 x 7 = 63
10 x 7 = 70
11 x 7 = 77
12 x 7 = 84

8

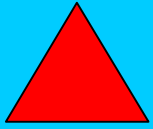
1 x 8 = 8
2 x 8 = 16
3 x 8 = 24
4 x 8 = 32
5 x 8 = 40
6 x 8 = 48
7 x 8 = 56
8 x 8 = 64
9 x 8 = 72
10 x 8 = 80
11 x 8 = 88
12 x 8 = 96

9

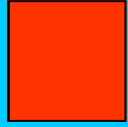
1 x 9 = 9
2 x 9 = 18
3 x 9 = 27
4 x 9 = 36
5 x 9 = 45
6 x 9 = 54
7 x 9 = 63
8 x 9 = 72
9 x 9 = 81
10 x 9 = 90
11 x 9 = 99
12 x 9 = 108

Maths Mat

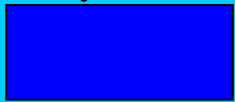
2D Shapes



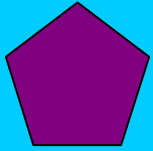
triangle



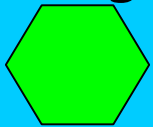
Square



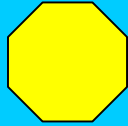
rectangle



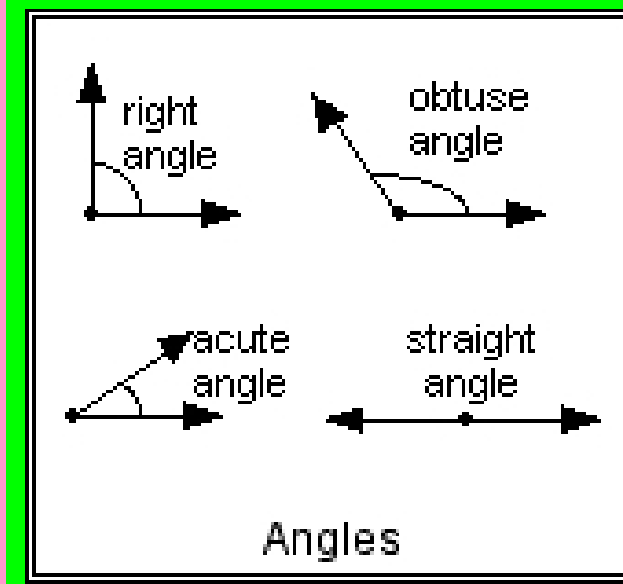
Pentagon



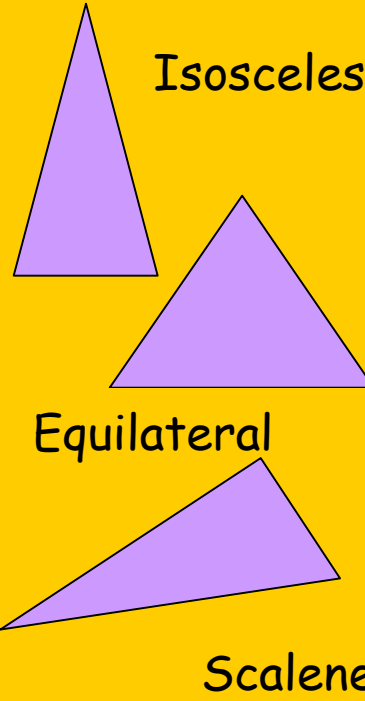
Hexagon



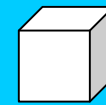
Octagon



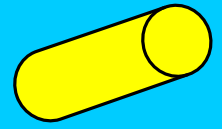
Triangles



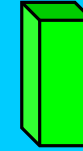
3D Shapes



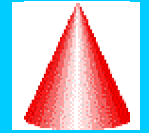
Cube



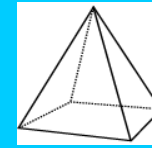
Cylinder



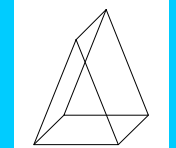
Cuboid



Cone



Pyramid

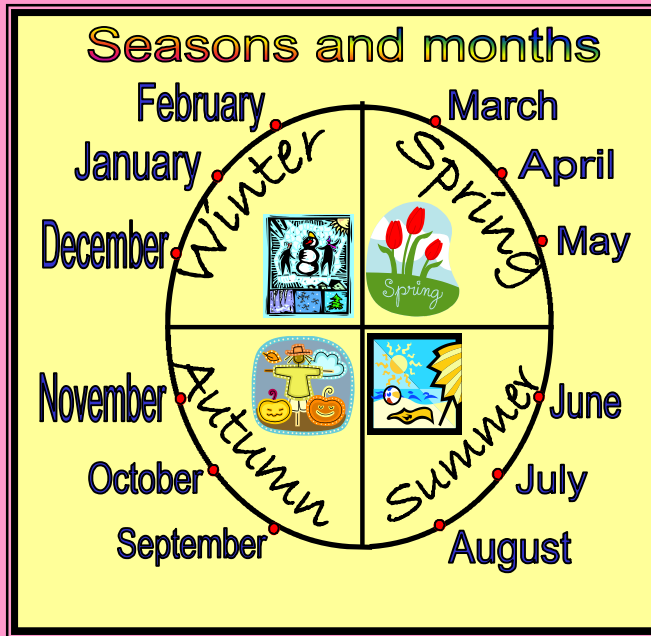


Prism



Sphere

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



Money

