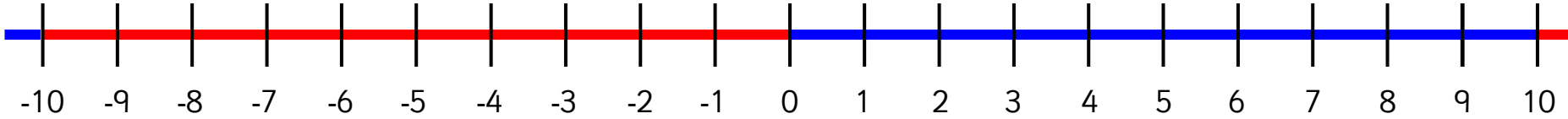
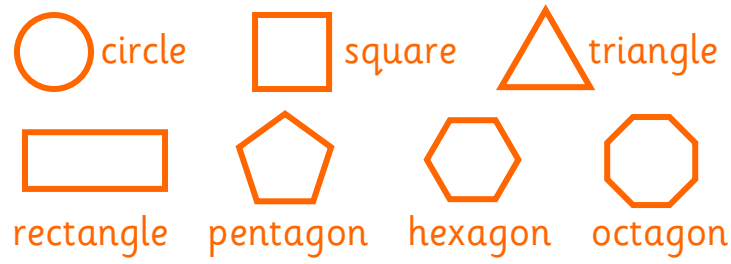


# KS2 Maths Mat

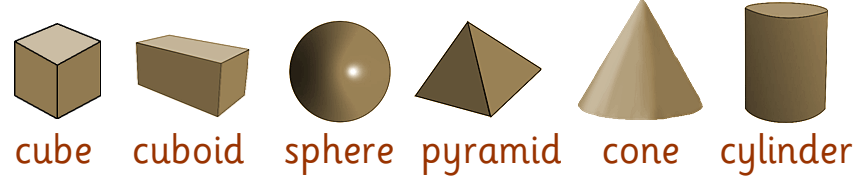


1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

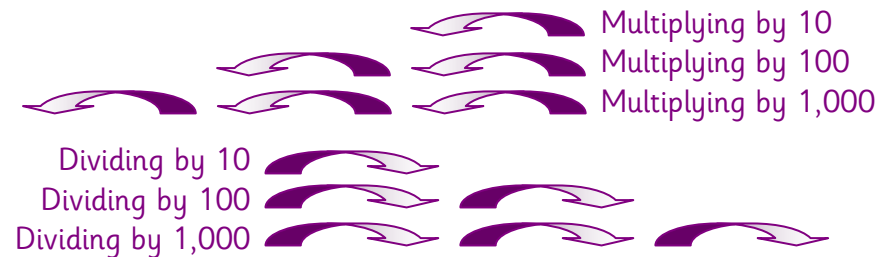
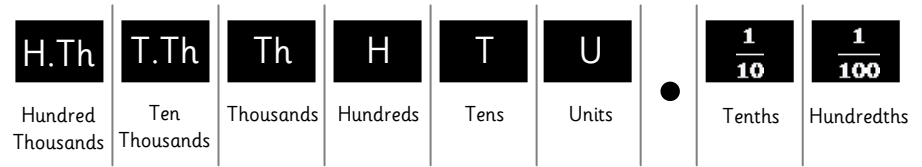
## 2D Shapes (Polygons)



## 3D Shapes



**faces** = flat sides  
**edges** = where two faces meet  
**vertices** = where three or more sides meet (corners)



add  
altogether  
total  
plus  
increase  
more than  
sum

take away  
subtract  
minus  
difference between  
decrease  
reduce  
fewer

times by  
multiply by  
lots of  
groups of  
product of

divided by  
shared between  
divided into  
divisible by  
shared equally

**length**

1 centimetre (cm) = 10 millimetres (mm)  
1 metre (m) = 100 centimetres  
1 kilometre (km) = 1,000 metres

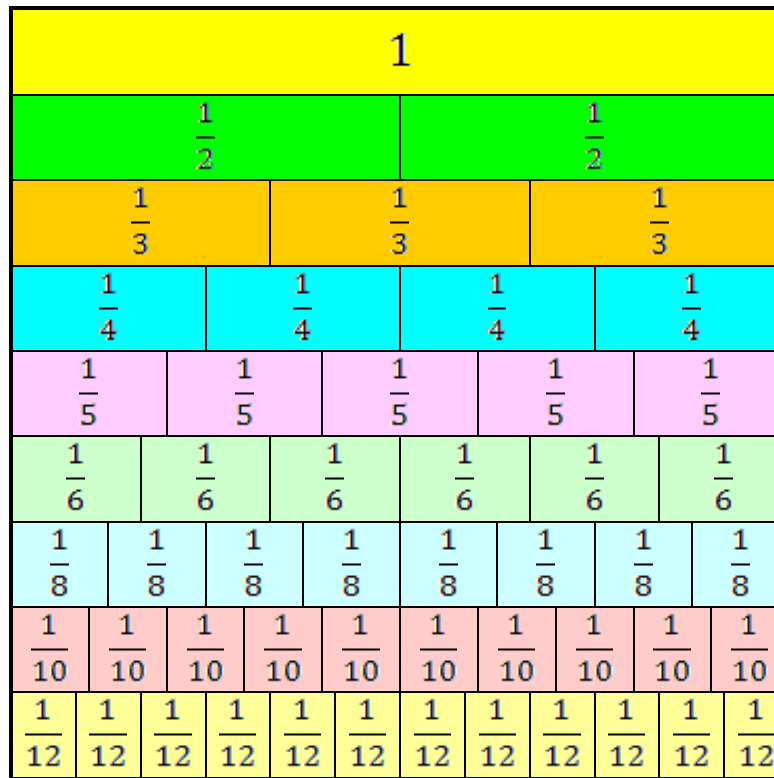
**weight**

1 kilogram (kg) = 1,000 grams (g)  
1 tonne = 1,000 kilograms

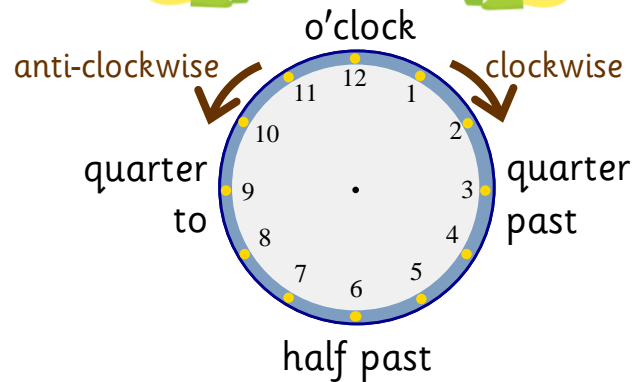
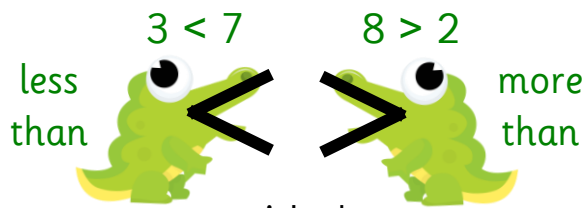
**capacity**

1 litre (l) = 1,000 millilitres (ml)  
1 litre = 1,000cm<sup>3</sup>  
1cm<sup>3</sup> = 1 ml

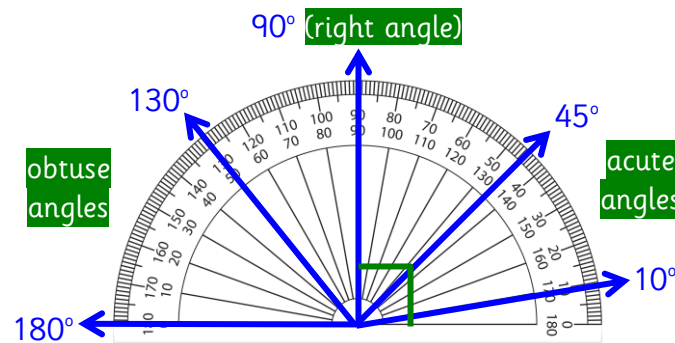
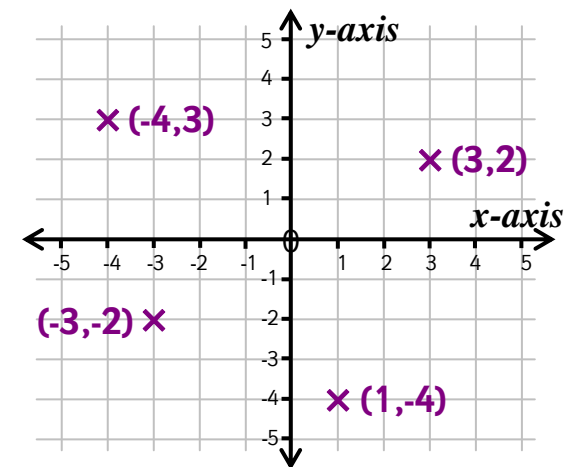
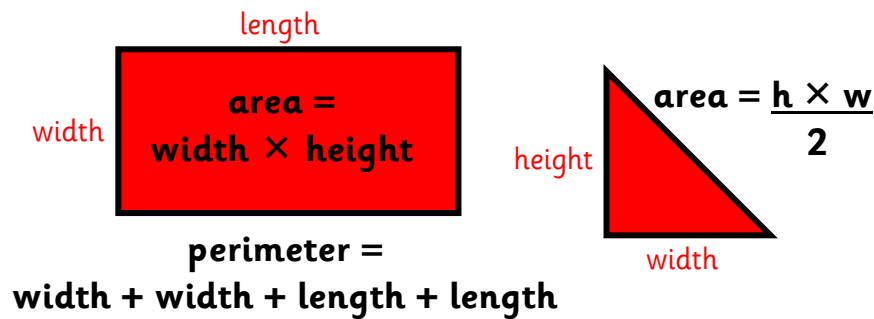
X	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40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



Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	50%
$\frac{1}{3}$	$0.\dot{3}$	$33.\dot{3}\%$
$\frac{2}{3}$	$0.\dot{6}$	$66.\dot{6}\%$
$\frac{1}{4}$	0.25	25%
$\frac{3}{4}$	0.75	75%
$\frac{1}{5}$	0.2	20%
$\frac{1}{10}$	0.1	10%



3am = 0300    6:30am = 0600    9:45am = 0900  
 3pm = 1500    6:30pm = 1830    9:45pm = 2145



+	x	+	=	+	$5 \times 6 = 30$
+	x	-	=	-	$5 \times -6 = -30$
-	x	+	=	-	$-5 \times 6 = -30$
-	x	-	=	+	$-5 \times -6 = 30$