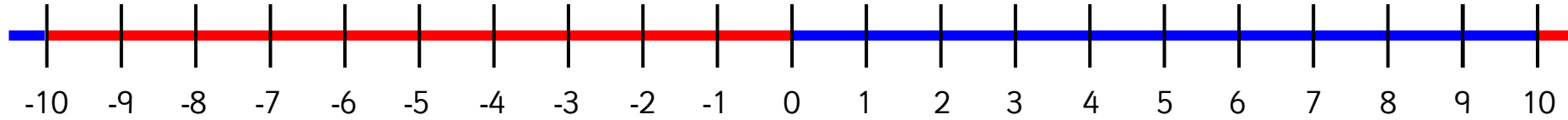


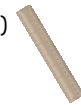
KS2 Maths Mat



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

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

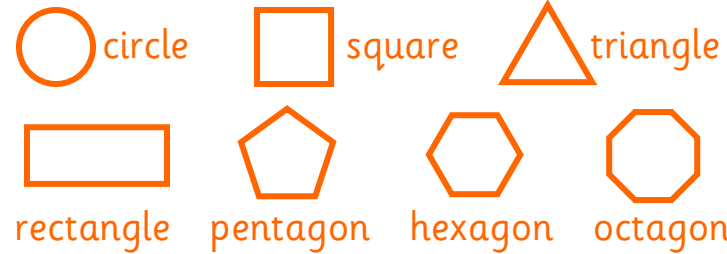


capacity

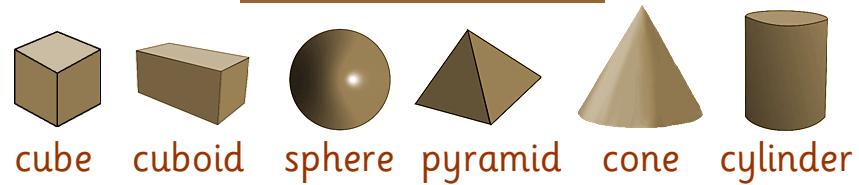
1 litre (l) = 1,000 millilitres (ml)
1 litre = 1,000cm³
1cm³ = 1 ml



2D Shapes (Polygons)



3D Shapes

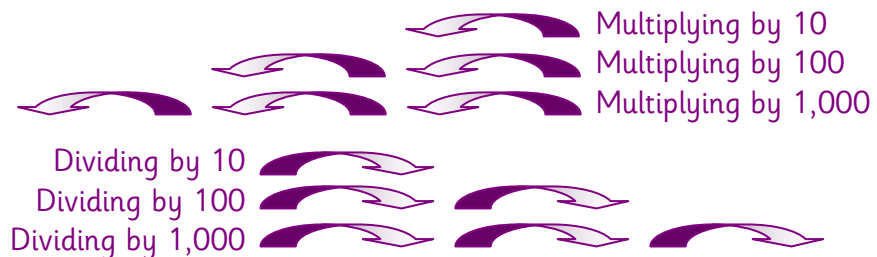


faces = flat sides

edges = where two faces meet

vertices = where three or more sides meet (corners)

H.Th	T.Th	Th	H	T	U		$\frac{1}{10}$	$\frac{1}{100}$
Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Units	.	Tenths	Hundredths



add
altogether
total
plus
increase
more than
sum



take away
subtract
minus
difference between
decrease
reduce
fewer

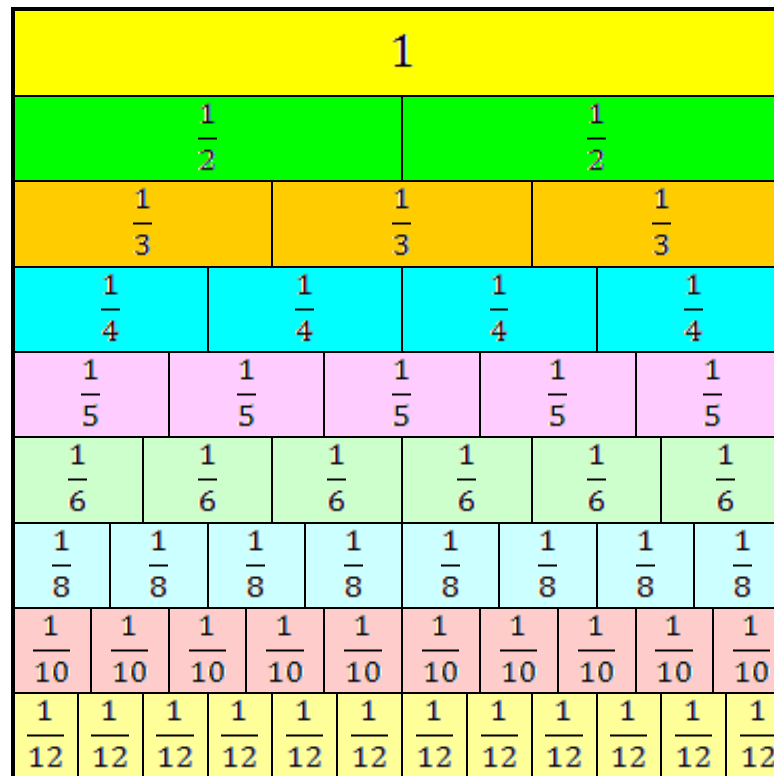


times by
multiply by
lots of
groups of
product of

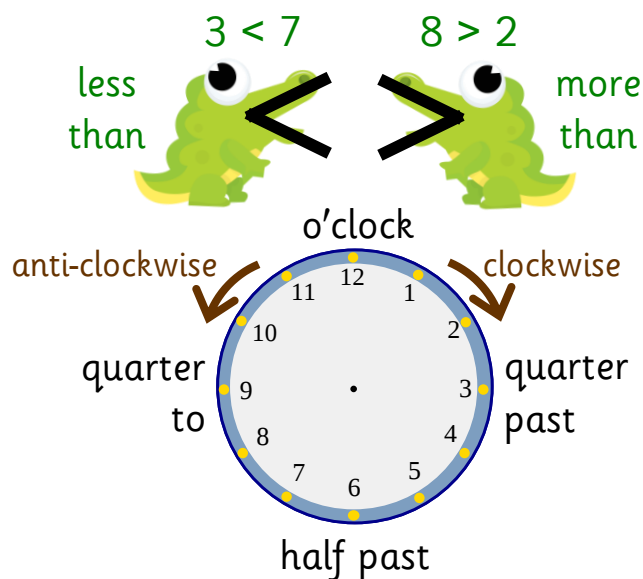


divided by
shared between
divided into
divisible by
shared equally

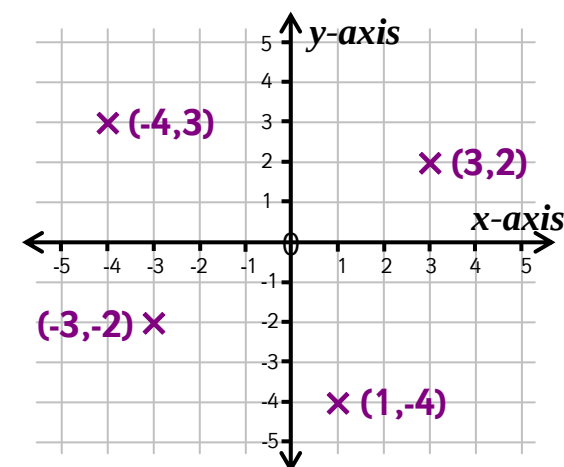
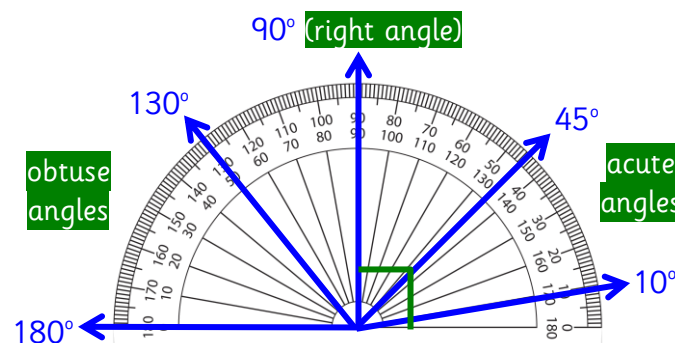
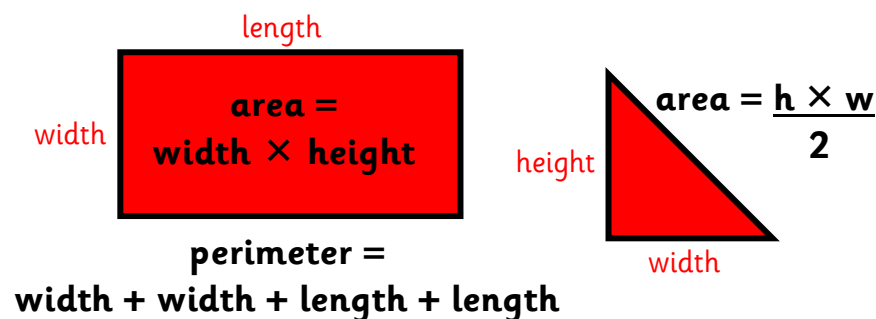
X	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40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



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