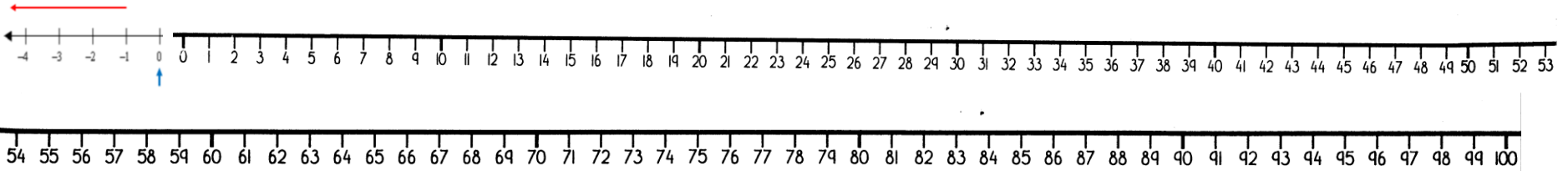


Negative Integers



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

+

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

F	D
1/2	0.5
1/4	0.25
3/4	0.75
1/10	0.1

Translate: move but not change
 Reflect: Flip over in a given plane
 Coordinates: Across then up

$3 \times 7 = 7 \times 3$
 x is commutative

Meole Brace
 C of E Primary School and Nursery
 Persevere
 Respect Yr 4
 Community

100,000	200,000	300,000	400,000	500,000	600,000	700,000	800,000	900,000
10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000
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

Multiplying by 10

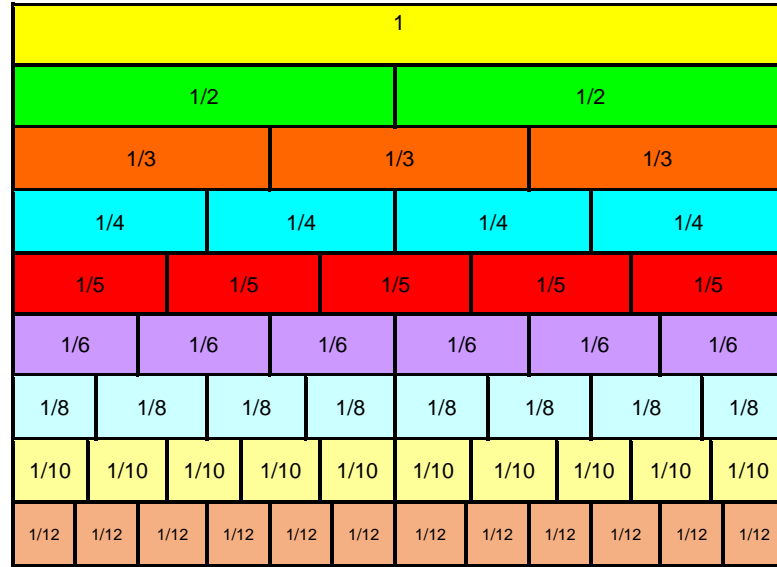
Multiplying by 100


Dividing by 10

Dividing by 100


e.g. $5.6 \times 100 = 560.0$
The Decimal Point Does Not Move!

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



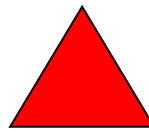


1.00pm or 1300
One o'clock in the afternoon




3.00 a.m. or 0300
3 o'clock in the morning

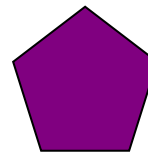
2D SHAPES



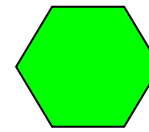
Triangle



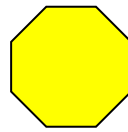
Rectangle



Pentagon



Hexagon



Octagon

Measurements

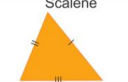
1 centimetre (cm) = 10 millimetres (mm)
 1 metre (m) = 100 centimetres
 1 kilometre (km) = 1000 metres

1 kilogram (kg) = 1000 grams (g)
 1 tonne = 1000 kilograms

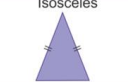
1 litre (l) = 1000 millilitres (ml)
 1 litre = 1000cm²
 1cm³ = 1 millimetres

1 hour = 60 minutes
 1 minute = 60 seconds


Triangles Based on Angles



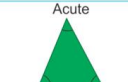
Scalene
Length of all sides are different




Isosceles
Length of two sides are equal




Equilateral
Length of all sides are equal



Acute
Each angle is < 90°

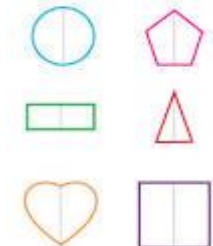
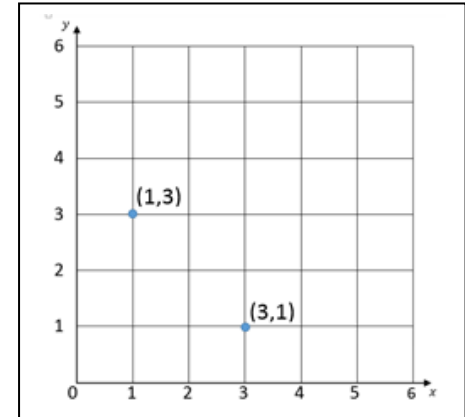


Right
One angle is = 90°



Obtuse
One angle is > 90°

Symmetry

1=I	5=V	9=IX
2=II	6=VI	10=X
3=III	7=VII	20=XX
4=IV	8=VIII	100=C

T h T h H T O t h

Translate: move but not change
 Reflect: Flip over in a given plane
 Coordinates: Across then up