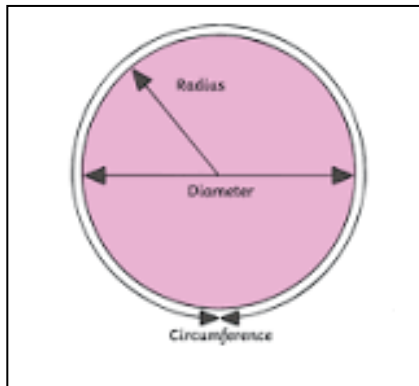


Ratio is comparing
to
3 Girls : 2 Boys

Proportion is fractional
out of
3 out of 5 are girls ($\frac{3}{5}$)



Factors fit in
Multiples are
many times
Prime has no
factors but 1
and itself.
Square
 $3^2 = 3 \times 3 = 9$

+

add total sum altogether more plus
how many more increase

Dividend ÷ Divisor
= Quotient

Translate: move but not change
Reflect: flip over in a given plane
Congruent: exactly the same shape and size
Coordinates: Across then up

Mean = $\frac{\text{Sum of terms}}{\text{Number of terms}}$

Meole Brace
C of E Primary School and Nursery
Persevere
Respect Yr 6
Community

-

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

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
0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09

Multiplying by 10

Multiplying by 100

Multiplying by 1000

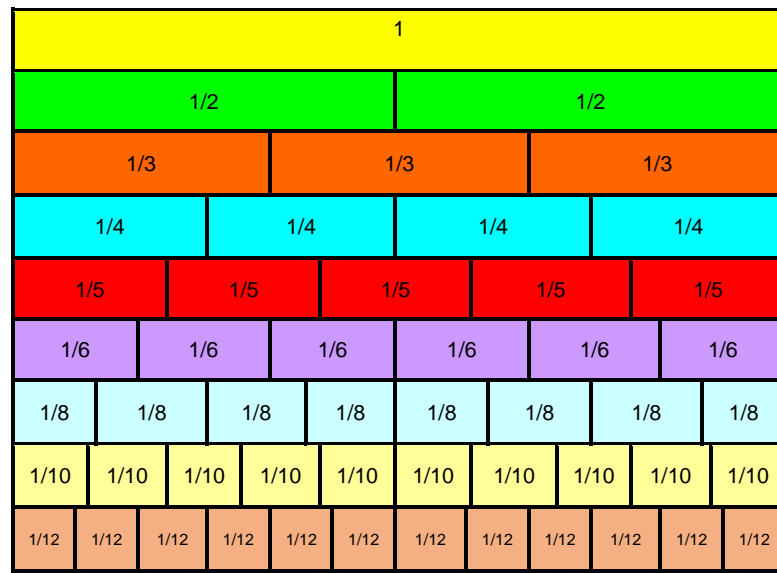
Dividing by 10

Dividing by 100

Dividing by 1000

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

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



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%

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

Kilo is x1000
 Centi is 1/100
 Milli is 1/1000

2D SHAPES

Triangle, Rectangle, Pentagon, Hexagon, Octagon

3D SHAPES

Cube, Cylinder, Cuboid, Cone, Pyramid, Sphere

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

Width

Height

Area = Width x Height

Width w , Height h , Area $w \times h$

Top base a , Bottom base b , Height h , Area $(a+b) \times h$

M	HTh	TTh	Th	H	T	O	t	h
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