

-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
-----	----	----	----	----	----	----	----	----	----	---	---	---	---	---	---	---	---	---	---	----



+

add
total
sum
altogether
more
plus
how many
more
increase

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

X

times
multiply
lots of
groups of
repeated
addition
Product

-

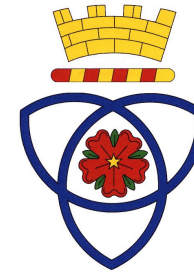
take away
difference
minus
subtract
fewer
decrease

÷

divided by
divided into
divided
between
shared
equally
group

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

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



Parkfield Primary School

Year 3 Maths Mat

Multiplying by 10

Multiplying by 100

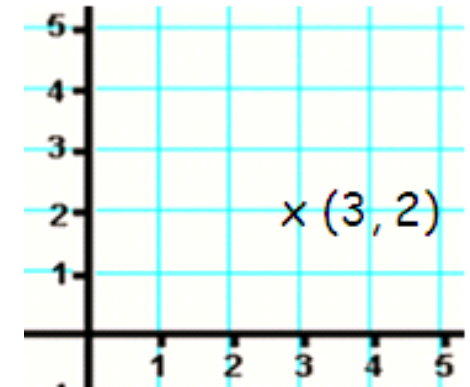
Multiplying by 1000

Dividing by 10

Dividing by 100

Dividing by 1000

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



$7 > 3$ $5 < 7$

More Than **Less Than**

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 millimetres

2D SHAPES (Polygons)

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)