

Multiplication Square

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Time:

60 seconds in a minute

60 minutes in an hour

24 hours in a day

365 days in a year



30 days has September,

April, June and November

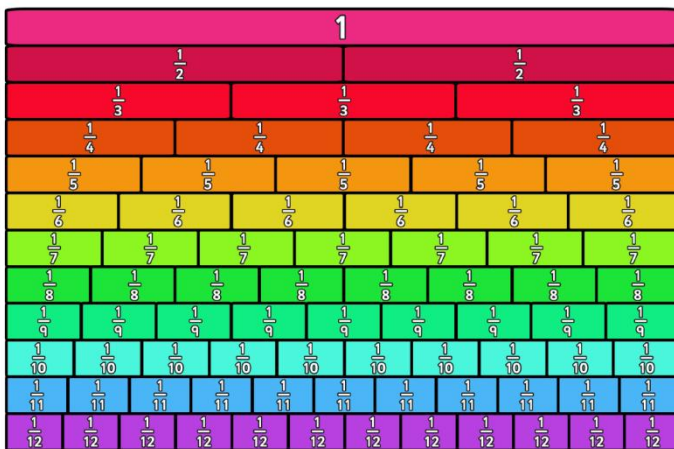
All the rest have 31

Except February which has 28!

100 square

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

Fractions Wall



Fractions:

$\frac{1}{2}$

NUMERATOR
The number of parts you have.

DENOMINATOR
The number of parts the shape is divided into.

Did you know...?
When a shape is divided up to make fractions, the parts are always equal.

Adding fractions:

$$\frac{1}{4} + \frac{1}{4} = \frac{2}{4}$$

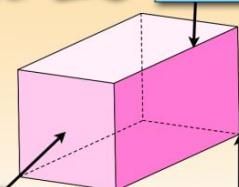


3D SHAPES



3D shapes have **faces**, **vertices** and **edges**.
Do you know where they are?

Faces are the flat surfaces.

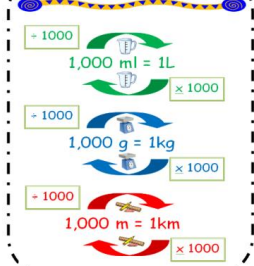


Key words

Edges are where the two faces meet.

A vertex is another word for corner. The plural is vertices.

Converting Measures



Addition: $365 + 238$

$$\begin{array}{r} 365 \\ + 238 \\ \hline 603 \end{array}$$

1. Line digits up carefully

2. Start with the units/ones column

3. Carry underneath if needed

(e.g. $5 + 8 = 13$ so 1 ten carried underneath)

Subtraction: $464 - 128$

$$\begin{array}{r} 464 \\ - 128 \\ \hline 336 \end{array}$$

1. Line digits up carefully

2. Start with the units/ones column

3. If it cannot be done, EXCHANGE

(e.g. cannot do $4 - 8$)

Multiplication: 65×3

Grid method:

$$65 \times 3$$

GRID METHOD:

Step 1: Partition (break down the number)

Step 2: Multiply by the units

Step 3: Multiply by the tens

Step 4: Add the totals together

X	60	5
3	180	15

$$\begin{array}{r} 180 \\ + 15 \\ \hline 195 \end{array}$$

Division: $30 \div 5$

$$30 \div 5 =$$



Steps to Success

Draw a numberline.

Start the numberline with 0.

Make jumps using the divisor.

Keep going to the target number.

Count your jumps!

Dividing by 10:

$$\begin{array}{r} 43 \\ \div 10 \\ \hline 4 \end{array}$$

Line types:

Vertical |
Horizontal —
Diagonal \ /
Parallel //
Perpendicular ⊥