

TABLES



My
Creative
World

NUMBERS AND THEIR NAMES

1 ONE	2 TWO	3 THREE	4 FOUR	5 FIVE	6 SIX	7 SEVEN	8 EIGHT	9 NINE	10 TEN
11 ELEVEN	12 TWELVE	13 THIRTEEN	14 FOURTEEN	15 FIVETEEN	16 SIXTEEN	17 SEVENTEEN	18 EIGHTEEN	19 NINETEEN	20 TWENTY
21 TWENTY ONE	22 TWENTY TWO	23 TWENTY THREE	24 TWENTY FOUR	25 TWENTY FIVE	26 TWENTY SIX	27 TWENTY SEVEN	28 TWENTY EIGHT	29 TWENTY NINE	30 THIRTY
31 THIRTY ONE	32 THIRTY TWO	33 THIRTY THREE	34 THIRTY FOUR	35 THIRTY FIVE	36 THIRTY SIX	37 THIRTY SEVEN	38 THIRTY EIGHT	39 THIRTY NINE	40 FORTY
41 FORTY ONE	42 FORTY TWO	43 FORTY THREE	44 FORTY FOUR	45 FORTY FIVE	46 FORTY SIX	47 FORTY SEVEN	48 FORTY EIGHT	49 FORTY NINE	50 FIFTY
51 FIFTY ONE	52 FIFTY TWO	53 FIFTY THREE	54 FIFTY FOUR	55 FIFTY FIVE	56 FIFTY SIX	57 FIFTY SEVEN	58 FIFTY EIGHT	59 FIFTY NINE	60 SIXTY
61 SIXTY ONE	62 SIXTY TWO	63 SIXTY THREE	64 SIXTY FOUR	65 SIXTY FIVE	66 SIXTY SIX	67 SIXTY SEVEN	68 SIXTY EIGHT	69 SIXTY NINE	70 SEVENTY
71 SEVENTY ONE	72 SEVENTY TWO	73 SEVENTY THREE	74 SEVENTY FOUR	75 SEVENTY FIVE	76 SEVENTY SIX	77 SEVENTY SEVEN	78 SEVENTY EIGHT	79 SEVENTY NINE	80 EIGHTY
81 EIGHTY ONE	82 EIGHTY TWO	83 EIGHTY THREE	84 EIGHTY FOUR	85 EIGHTY FIVE	86 EIGHTY SIX	87 EIGHTY SEVEN	88 EIGHTY EIGHT	89 EIGHTY NINE	90 NINETY
91 NINETY ONE	92 NINETY TWO	93 NINETY THREE	94 NINETY FOUR	95 NINETY FIVE	96 NINETY SIX	97 NINETY SEVEN	98 NINETY EIGHT	99 NINETY NINE	100 HUNDRED

MULTIPLICATION TABLE OF 1

$1 \times 1 = 1$

1 one is 1

$1 \times 2 = 2$

1 two is 2

$1 \times 3 = 3$

1 three is 3

$1 \times 4 = 4$

1 four is 4

$1 \times 5 = 5$

1 five is 5

$1 \times 6 = 6$

1 six is 6

$1 \times 7 = 7$

1 seven is 7

$1 \times 8 = 8$

1 eight is 8

$1 \times 9 = 9$

1 nine is 9

$1 \times 10 = 10$

1 ten is 10

1 multiplied by any number is equal to the number itself.
Thus, $1 \times 20 = 20$, $1 \times 72 = 72$ etc.,

MULTIPLICATION TABLE OF 2

2 x 1 = 2	2 Ones are 2
2 x 2 = 4	2 Twos are 4
2 x 3 = 6	2 Threes are 6
2 x 4 = 8	2 Fours are 8
2 x 5 = 10	2 Fives are 10
2 x 6 = 12	2 Sixes are 12
2 x 7 = 14	2 Sevens are 14
2 x 8 = 16	2 Eights are 16
2 x 9 = 18	2 Nines are 18
2 x 10 = 20	2 Tens are 20
2 x 11 = 22	2 Elevens are 22
2 x 12 = 24	2 Twelves are 24
2 x 13 = 26	2 Thirteens are 26
2 x 14 = 28	2 Fourteens are 28
2 x 15 = 30	2 Fifteens are 30
2 x 16 = 32	2 Sixteens are 32
2 x 17 = 34	2 Seventeens are 34
2 x 18 = 36	2 Eighteens are 36
2 x 19 = 38	2 Nineteens are 38
2 x 20 = 40	2 Twenties are 40

MULTIPLICATION TABLE OF 3

3 x 1 = 3	3 Ones are 3
3 x 2 = 6	3 Twos are 6
3 x 3 = 9	3 Threes are 9
3 x 4 = 12	3 Fours are 12
3 x 5 = 15	3 Fives are 15
3 x 6 = 18	3 Sixes are 18
3 x 7 = 21	3 Sevens are 21
3 x 8 = 24	3 Eights are 24
3 x 9 = 27	3 Nines are 27
3 x 10 = 30	3 Tens are 30
3 x 11 = 33	3 Elevens are 33
3 x 12 = 36	3 Twelves are 36
3 x 13 = 39	3 Thirteens are 39
3 x 14 = 42	3 Fourteens are 42
3 x 15 = 45	3 Fifteens are 45
3 x 16 = 48	3 Sixteens are 48
3 x 17 = 51	3 Seventeens are 51
3 x 18 = 54	3 Eighteens are 54
3 x 19 = 57	3 Nineteens are 57
3 x 20 = 60	3 Twenties are 60

MULTIPLICATION TABLE OF 4

4 x 1 = 4	4 Ones are 4
4 x 2 = 8	4 Twos are 8
4 x 3 = 12	4 Threes are 12
4 x 4 = 16	4 Fours are 16
4 x 5 = 20	4 Fives are 20
4 x 6 = 24	4 Sixes are 24
4 x 7 = 28	4 Sevens are 28
4 x 8 = 32	4 Eights are 32
4 x 9 = 36	4 Nines are 36
4 x 10 = 40	4 Tens are 40
4 x 11 = 44	4 Elevens are 44
4 x 12 = 48	4 Twelves are 48
4 x 13 = 52	4 Thirteens are 52
4 x 14 = 56	4 Fourteens are 56
4 x 15 = 60	4 Fifteens are 60
4 x 16 = 64	4 Sixteens are 64
4 x 17 = 68	4 Seventeens are 68
4 x 18 = 72	4 Eighteens are 72
4 x 19 = 76	4 Nineteens are 76
4 x 20 = 80	4 Twenties are 80

MULTIPLICATION TABLE OF 5

5	x	1	=	5	5	Ones	are	5
5	x	2	=	10	5	Twos	are	10
5	x	3	=	15	5	Threes	are	15
5	x	4	=	20	5	Fours	are	20
5	x	5	=	25	5	Fives	are	25
5	x	6	=	30	5	Sixes	are	30
5	x	7	=	35	5	Sevens	are	35
5	x	8	=	40	5	Eights	are	40
5	x	9	=	45	5	Nines	are	45
5	x	10	=	50	5	Tens	are	50
5	x	11	=	55	5	Elevens	are	55
5	x	12	=	60	5	Twelves	are	60
5	x	13	=	65	5	Thirteens	are	65
5	x	14	=	70	5	Fourteens	are	70
5	x	15	=	75	5	Fifteens	are	75
5	x	16	=	80	5	Sixteens	are	80
5	x	17	=	85	5	Seventeens	are	85
5	x	18	=	90	5	Eighteens	are	90
5	x	19	=	95	5	Nineteens	are	95
5	x	20	=	100	5	Twenties	are	100

MULTIPLICATION TABLE OF 6

6 x 1 = 6	6 Ones are 6
6 x 2 = 12	6 Twos are 12
6 x 3 = 18	6 Threes are 18
6 x 4 = 24	6 Fours are 24
6 x 5 = 30	6 Fives are 30
6 x 6 = 36	6 Sixes are 36
6 x 7 = 42	6 Sevens are 42
6 x 8 = 48	6 Eights are 48
6 x 9 = 54	6 Nines are 54
6 x 10 = 60	6 Tens are 60
6 x 11 = 66	6 Elevens are 66
6 x 12 = 72	6 Twelves are 72
6 x 13 = 78	6 Thirteens are 78
6 x 14 = 84	6 Fourteens are 84
6 x 15 = 90	6 Fifteens are 90
6 x 16 = 96	6 Sixteens are 96
6 x 17 = 102	6 Seventeens are 102
6 x 18 = 108	6 Eighteens are 108
6 x 19 = 114	6 Nineteens are 114
6 x 20 = 120	6 Twenties are 120

MULTIPLICATION TABLE OF 7

7 x 1 = 7	7 Ones are 7
7 x 2 = 14	7 Twos are 14
7 x 3 = 21	7 Threes are 21
7 x 4 = 28	7 Fours are 28
7 x 5 = 35	7 Fives are 35
7 x 6 = 42	7 Sixes are 42
7 x 7 = 49	7 Sevens are 49
7 x 8 = 56	7 Eights are 56
7 x 9 = 63	7 Nines are 63
7 x 10 = 70	7 Tens are 70
7 x 11 = 77	7 Elevens are 77
7 x 12 = 84	7 Twelves are 84
7 x 13 = 91	7 Thirteens are 91
7 x 14 = 98	7 Fourteens are 98
7 x 15 = 105	7 Fifteens are 105
7 x 16 = 112	7 Sixteens are 112
7 x 17 = 119	7 Seventeens are 119
7 x 18 = 126	7 Eighteens are 126
7 x 19 = 133	7 Nineteens are 133
7 x 20 = 140	7 Twenties are 140

MULTIPLICATION TABLE OF 8

8	x	1	=	8	8	Ones	are	8
8	x	2	=	16	8	Twos	are	16
8	x	3	=	24	8	Threes	are	24
8	x	4	=	32	8	Fours	are	32
8	x	5	=	40	8	Fives	are	40
8	x	6	=	48	8	Sixes	are	48
8	x	7	=	56	8	Sevens	are	56
8	x	8	=	64	8	Eights	are	64
8	x	9	=	72	8	Nines	are	72
8	x	10	=	80	8	Tens	are	80
8	x	11	=	88	8	Elevens	are	88
8	x	12	=	96	8	Twelves	are	96
8	x	13	=	104	8	Thirteens	are	104
8	x	14	=	112	8	Fourteens	are	112
8	x	15	=	120	8	Fifteens	are	120
8	x	16	=	128	8	Sixteens	are	128
8	x	17	=	136	8	Seventeens	are	136
8	x	18	=	144	8	Eighteens	are	144
8	x	19	=	152	8	Nineteens	are	152
8	x	20	=	160	8	Twenties	are	160

MULTIPLICATION TABLE OF 9

9	x	1	=	9	9	Ones	are	9
9	x	2	=	18	9	Twos	are	18
9	x	3	=	27	9	Threes	are	27
9	x	4	=	36	9	Fours	are	36
9	x	5	=	45	9	Fives	are	45
9	x	6	=	54	9	Sixes	are	54
9	x	7	=	63	9	Sevens	are	63
9	x	8	=	72	9	Eights	are	72
9	x	9	=	81	9	Nines	are	81
9	x	10	=	90	9	Tens	are	90
9	x	11	=	99	9	Elevens	are	99
9	x	12	=	108	9	Twelves	are	108
9	x	13	=	117	9	Thirteens	are	117
9	x	14	=	126	9	Fourteens	are	126
9	x	15	=	135	9	Fifteens	are	135
9	x	16	=	144	9	Sixteens	are	144
9	x	17	=	153	9	Seventeens	are	153
9	x	18	=	162	9	EighTEens	are	162
9	x	19	=	171	9	Nineteens	are	171
9	x	20	=	180	9	Twenties	are	180

MULTIPLICATION TABLE OF 10

10	x	1	=	10	10	Ones	are	10
10	x	2	=	20	10	Twos	are	20
10	x	3	=	30	10	Threes	are	30
10	x	4	=	40	10	Fours	are	40
10	x	5	=	50	10	Fives	are	50
10	x	6	=	60	10	Sixes	are	60
10	x	7	=	70	10	Sevens	are	70
10	x	8	=	80	10	Eights	are	80
10	x	9	=	90	10	Nines	are	90
10	x	10	=	100	10	Tens	are	100
10	x	11	=	110	10	Elevens	are	110
10	x	12	=	120	10	Twelves	are	120
10	x	13	=	130	10	Thirteens	are	130
10	x	14	=	140	10	Fourteens	are	140
10	x	15	=	150	10	Fifteens	are	150
10	x	16	=	160	10	Sixteens	are	160
10	x	17	=	170	10	Seventeens	are	170
10	x	18	=	180	10	Eighteens	are	180
10	x	19	=	190	10	Nineteens	are	190
10	x	20	=	200	10	Twenties	are	200

MULTIPLICATION TABLE OF 11

11	x	1	=	11	11	Ones	are	11
11	x	2	=	22	11	Twos	are	22
11	x	3	=	33	11	Threes	are	33
11	x	4	=	44	11	Fours	are	44
11	x	5	=	55	11	Fives	are	55
11	x	6	=	66	11	Sixes	are	66
11	x	7	=	77	11	Sevens	are	77
11	x	8	=	88	11	Eights	are	88
11	x	9	=	99	11	Nines	are	99
11	x	10	=	110	11	Tens	are	110
11	x	11	=	121	11	Elevens	are	121
11	x	12	=	132	11	Twelves	are	132
11	x	13	=	143	11	Thirteens	are	143
11	x	14	=	154	11	Fourteens	are	154
11	x	15	=	165	11	Fifteens	are	165
11	x	16	=	176	11	Sixteens	are	176
11	x	17	=	187	11	Seventeens	are	187
11	x	18	=	198	11	Eighteens	are	198
11	x	19	=	209	11	Nineteens	are	209
11	x	20	=	220	11	Twenties	are	220

MULTIPLICATION TABLE OF 12

12 x 1 = 12	12 Ones are 12
12 x 2 = 24	12 Twos are 24
12 x 3 = 36	12 Threes are 36
12 x 4 = 48	12 Fours are 48
12 x 5 = 60	12 Fives are 60
12 x 6 = 72	12 Sixes are 72
12 x 7 = 84	12 Sevens are 84
12 x 8 = 96	12 Eights are 96
12 x 9 = 108	12 Nines are 108
12 x 10 = 120	12 Tens are 120
12 x 11 = 132	12 Elevens are 132
12 x 12 = 144	12 Twelves are 144
12 x 13 = 156	12 Thirteens are 156
12 x 14 = 168	12 Fourteens are 168
12 x 15 = 180	12 Fifteens are 180
12 x 16 = 192	12 Sixteens are 192
12 x 17 = 204	12 Seventeens are 204
12 x 18 = 216	12 Eighteens are 216
12 x 19 = 228	12 Nineteens are 228
12 x 20 = 240	12 Twenties are 240

MULTIPLICATION TABLE OF 13

13	x	1	=	13	13	Ones	are	13
13	x	2	=	26	13	Twos	are	26
13	x	3	=	39	13	Threes	are	39
13	x	4	=	52	13	Fours	are	52
13	x	5	=	65	13	Fives	are	65
13	x	6	=	78	13	Sixes	are	78
13	x	7	=	91	13	Sevens	are	91
13	x	8	=	104	13	Eights	are	104
13	x	9	=	117	13	Nines	are	117
13	x	10	=	130	13	Tens	are	130
13	x	11	=	143	13	Elevens	are	143
13	x	12	=	156	13	Twelves	are	156
13	x	13	=	169	13	Thirteens	are	169
13	x	14	=	182	13	Fourteens	are	182
13	x	15	=	195	13	Fifteens	are	195
13	x	16	=	208	13	Sixteens	are	208
13	x	17	=	221	13	Seventeens	are	221
13	x	18	=	234	13	Eighteens	are	234
13	x	19	=	247	13	Nineteens	are	247
13	x	20	=	260	13	Twenties	are	260

MULTIPLICATION TABLE OF 14

14	x	1	=	14	14	Ones	are	14
14	x	2	=	28	14	Twos	are	28
14	x	3	=	42	14	Threes	are	42
14	x	4	=	56	14	Fours	are	56
14	x	5	=	70	14	Fives	are	70
14	x	6	=	84	14	Sixes	are	84
14	x	7	=	98	14	Sevens	are	98
14	x	8	=	112	14	Eights	are	112
14	x	9	=	126	14	Nines	are	126
14	x	10	=	140	14	Tens	are	140
14	x	11	=	154	14	Elevens	are	154
14	x	12	=	168	14	Twelves	are	168
14	x	13	=	182	14	Thirteens	are	182
14	x	14	=	196	14	Fourteens	are	196
14	x	15	=	210	14	Fifteens	are	210
14	x	16	=	224	14	Sixteens	are	224
14	x	17	=	238	14	Seventeens	are	238
14	x	18	=	252	14	Eighteens	are	252
14	x	19	=	266	14	Nineteens	are	266
14	x	20	=	280	14	Twenties	are	280

MULTIPLICATION TABLE OF 15

15	x	1	=	15	15	Ones	are	15
15	x	2	=	30	15	Twos	are	30
15	x	3	=	45	15	Threes	are	45
15	x	4	=	60	15	Fours	are	60
15	x	5	=	75	15	Fives	are	75
15	x	6	=	90	15	Sixes	are	90
15	x	7	=	105	15	Sevens	are	105
15	x	8	=	120	15	Eights	are	120
15	x	9	=	135	15	Nines	are	135
15	x	10	=	150	15	Tens	are	150
15	x	11	=	165	15	Elevens	are	165
15	x	12	=	180	15	Twelves	are	180
15	x	13	=	195	15	Thirteens	are	195
15	x	14	=	210	15	Fourteens	are	210
15	x	15	=	225	15	Fifteens	are	225
15	x	16	=	240	15	Sixteens	are	240
15	x	17	=	255	15	Seventeens	are	255
15	x	18	=	270	15	Eighteens	are	270
15	x	19	=	285	15	Nineteens	are	285
15	x	20	=	300	15	Twenties	are	300

MULTIPLICATION TABLE OF 16

16	x	1	=	16	16	Ones	are	16
16	x	2	=	32	16	Twos	are	32
16	x	3	=	48	16	Threes	are	48
16	x	4	=	64	16	Fours	are	64
16	x	5	=	80	16	Fives	are	80
16	x	6	=	96	16	Sixes	are	96
16	x	7	=	112	16	Sevens	are	112
16	x	8	=	128	16	Eights	are	128
16	x	9	=	144	16	Nines	are	144
16	x	10	=	160	16	Tens	are	160
16	x	11	=	176	16	Elevens	are	176
16	x	12	=	192	16	Twelves	are	192
16	x	13	=	208	16	Thirteens	are	208
16	x	14	=	224	16	Fourteens	are	224
16	x	15	=	240	16	Fifteens	are	240
16	x	16	=	256	16	Sixteens	are	256
16	x	17	=	272	16	Seventeens	are	272
16	x	18	=	288	16	Eighteens	are	288
16	x	19	=	304	16	Nineteens	are	304
16	x	20	=	320	16	Twenties	are	320

MULTIPLICATION TABLE OF 17

17	x	1	=	17	17	Ones	are	17
17	x	2	=	34	17	Twos	are	34
17	x	3	=	51	17	Threes	are	51
17	x	4	=	68	17	Fours	are	68
17	x	5	=	85	17	Fives	are	85
17	x	6	=	102	17	Sixes	are	102
17	x	7	=	119	17	Sevens	are	119
17	x	8	=	136	17	Eights	are	136
17	x	9	=	153	17	Nines	are	153
17	x	10	=	170	17	Tens	are	170
17	x	11	=	187	17	Elevens	are	187
17	x	12	=	204	17	Twelves	are	204
17	x	13	=	221	17	Thirteens	are	221
17	x	14	=	238	17	Fourteens	are	238
17	x	15	=	255	17	Fifteens	are	255
17	x	16	=	272	17	Sixteens	are	272
17	x	17	=	289	17	Seventeens	are	289
17	x	18	=	306	17	Eighteens	are	306
17	x	19	=	323	17	Nineteens	are	323
17	x	20	=	340	17	Twenties	are	340

MULTIPLICATION TABLE OF 18

18	x	1	=	18	18	Ones	are	18
18	x	2	=	36	18	Twos	are	36
18	x	3	=	54	18	Threes	are	54
18	x	4	=	72	18	Fours	are	72
18	x	5	=	90	18	Fives	are	90
18	x	6	=	108	18	Sixes	are	108
18	x	7	=	126	18	Sevens	are	126
18	x	8	=	144	18	Eights	are	144
18	x	9	=	162	18	Nines	are	162
18	x	10	=	180	18	Tens	are	180
18	x	11	=	198	18	Elevens	are	198
18	x	12	=	216	18	Twelves	are	216
18	x	13	=	234	18	Thirteens	are	234
18	x	14	=	252	18	Fourteens	are	252
18	x	15	=	270	18	Fifteens	are	270
18	x	16	=	288	18	Sixteens	are	288
18	x	17	=	306	18	Seventeens	are	306
18	x	18	=	324	18	Eighteens	are	324
18	x	19	=	342	18	Nineteens	are	342
18	x	20	=	360	18	Twenties	are	360

MULTIPLICATION TABLE OF 19

19	x	1	=	19	19	Ones	are	19
19	x	2	=	38	19	Twos	are	38
19	x	3	=	57	19	Threes	are	57
19	x	4	=	76	19	Fours	are	76
19	x	5	=	95	19	Fives	are	95
19	x	6	=	114	19	Sixes	are	114
19	x	7	=	133	19	Sevens	are	133
19	x	8	=	152	19	Eights	are	152
19	x	9	=	171	19	Nines	are	171
19	x	10	=	190	19	Tens	are	190
19	x	11	=	209	19	Elevens	are	209
19	x	12	=	228	19	Twelves	are	228
19	x	13	=	247	19	Thirteens	are	247
19	x	14	=	266	19	Fourteens	are	266
19	x	15	=	285	19	Fifteens	are	285
19	x	16	=	304	19	Sixteens	are	304
19	x	17	=	323	19	Seventeens	are	323
19	x	18	=	342	19	Eighteens	are	342
19	x	19	=	361	19	Nineteens	are	361
19	x	20	=	380	19	Twenties	are	380

MULTIPLICATION TABLE OF 20

20	x	1	=	20	20	Ones	are	20
20	x	2	=	40	20	Twos	are	40
20	x	3	=	60	20	Threes	are	60
20	x	4	=	80	20	Fours	are	80
20	x	5	=	100	20	Fives	are	100
20	x	6	=	120	20	Sixes	are	120
20	x	7	=	140	20	Sevens	are	140
20	x	8	=	160	20	Eights	are	160
20	x	9	=	180	20	Nines	are	180
20	x	10	=	200	20	Tens	are	200
20	x	11	=	220	20	Elevens	are	220
20	x	12	=	240	20	Twelves	are	240
20	x	13	=	260	20	Thirteens	are	260
20	x	14	=	280	20	Fourteens	are	280
20	x	15	=	300	20	Fifteens	are	300
20	x	16	=	320	20	Sixteens	are	320
20	x	17	=	340	20	Seventeens	are	340
20	x	18	=	360	20	Eighteens	are	360
20	x	19	=	380	20	Nineteens	are	380
20	x	20	=	400	20	Twenties	are	400

**MULTIPLICATION
TABLE OF $\frac{1}{4}$ TIMES**

$1 \times \frac{1}{4} = \frac{1}{4}$

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

$3 \times \frac{1}{4} = \frac{3}{4}$

$4 \times \frac{1}{4} = 1$

$5 \times \frac{1}{4} = 1\frac{1}{4}$

$6 \times \frac{1}{4} = 1\frac{1}{2}$

$7 \times \frac{1}{4} = 1\frac{3}{4}$

$8 \times \frac{1}{4} = 2$

$9 \times \frac{1}{4} = 2\frac{1}{4}$

$10 \times \frac{1}{4} = 2\frac{1}{2}$

$11 \times \frac{1}{4} = 2\frac{3}{4}$

$12 \times \frac{1}{4} = 3$

$13 \times \frac{1}{4} = 3\frac{1}{4}$

$14 \times \frac{1}{4} = 3\frac{1}{2}$

$15 \times \frac{1}{4} = 3\frac{3}{4}$

$16 \times \frac{1}{4} = 4$

$17 \times \frac{1}{4} = 4\frac{1}{4}$

$18 \times \frac{1}{4} = 4\frac{1}{2}$

$19 \times \frac{1}{4} = 4\frac{3}{4}$

$20 \times \frac{1}{4} = 5$

**MULTIPLICATION
TABLE OF $\frac{1}{2}$ TIMES**

$1 \times \frac{1}{2} = \frac{1}{2}$

$2 \times \frac{1}{2} = 1$

$3 \times \frac{1}{2} = 1\frac{1}{2}$

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

$5 \times \frac{1}{2} = 2\frac{1}{2}$

$6 \times \frac{1}{2} = 3$

$7 \times \frac{1}{2} = 3\frac{1}{2}$

$8 \times \frac{1}{2} = 4$

$9 \times \frac{1}{2} = 4\frac{1}{2}$

$10 \times \frac{1}{2} = 5$

$11 \times \frac{1}{2} = 5\frac{1}{2}$

$12 \times \frac{1}{2} = 6$

$13 \times \frac{1}{2} = 6\frac{1}{2}$

$14 \times \frac{1}{2} = 7$

$15 \times \frac{1}{2} = 7\frac{1}{2}$

$16 \times \frac{1}{2} = 8$

$17 \times \frac{1}{2} = 8\frac{1}{2}$

$18 \times \frac{1}{2} = 9$

$19 \times \frac{1}{2} = 9\frac{1}{2}$

$20 \times \frac{1}{2} = 10$

MULTIPLICATION TABLE OF $\frac{3}{4}$ TIMES

$$1 \times \frac{3}{4} = \frac{3}{4}$$

$$2 \times \frac{3}{4} = 1\frac{1}{2}$$

$$3 \times \frac{3}{4} = 2\frac{1}{4}$$

$$4 \times \frac{3}{4} = 3$$

$$5 \times \frac{3}{4} = 3\frac{3}{4}$$

$$6 \times \frac{3}{4} = 4\frac{1}{2}$$

$$7 \times \frac{3}{4} = 5\frac{1}{4}$$

$$8 \times \frac{3}{4} = 6$$

$$9 \times \frac{3}{4} = 6\frac{3}{4}$$

$$10 \times \frac{3}{4} = 7\frac{1}{2}$$

$$11 \times \frac{3}{4} = 8\frac{1}{4}$$

$$12 \times \frac{3}{4} = 9$$

$$13 \times \frac{3}{4} = 9\frac{3}{4}$$

$$14 \times \frac{3}{4} = 10\frac{1}{2}$$

$$15 \times \frac{3}{4} = 11\frac{1}{4}$$

$$16 \times \frac{3}{4} = 12$$

$$17 \times \frac{3}{4} = 12\frac{3}{4}$$

$$18 \times \frac{3}{4} = 13\frac{1}{2}$$

$$19 \times \frac{3}{4} = 14\frac{1}{4}$$

$$20 \times \frac{3}{4} = 15$$

READING A CLOCK



12.00



12.30



12.45



01.00

DIVISION TABLES

DIVISION is connected with each other.
Therefore, we can get DIVISION tables as follows.

Division Tables	Division Tables	Division Tables	Division Tables
$1 \div 1 = 1$	$2 \div 2 = 1$	$3 \div 3 = 1$	$4 \div 4 = 1$
$2 \div 1 = 2$	$4 \div 2 = 2$	$6 \div 3 = 2$	$8 \div 4 = 2$
$3 \div 1 = 3$	$6 \div 2 = 3$	$9 \div 3 = 3$	$12 \div 4 = 3$
$4 \div 1 = 4$	$8 \div 2 = 4$	$12 \div 3 = 4$	$16 \div 4 = 4$
$5 \div 1 = 5$	$10 \div 2 = 5$	$15 \div 3 = 5$	$20 \div 4 = 5$
$6 \div 1 = 6$	$12 \div 2 = 6$	$18 \div 3 = 6$	$24 \div 4 = 6$
$7 \div 1 = 7$	$14 \div 2 = 7$	$21 \div 3 = 7$	$28 \div 4 = 7$
$8 \div 1 = 8$	$16 \div 2 = 8$	$24 \div 3 = 8$	$32 \div 4 = 8$
$9 \div 1 = 9$	$18 \div 2 = 9$	$27 \div 3 = 9$	$36 \div 4 = 9$
$10 \div 1 = 10$	$20 \div 2 = 10$	$30 \div 3 = 10$	$40 \div 4 = 10$

Division Tables	Division Tables	Division Tables	Division Tables
$5 \div 5 = 1$	$6 \div 6 = 1$	$7 \div 7 = 1$	$8 \div 8 = 1$
$10 \div 5 = 2$	$12 \div 6 = 2$	$14 \div 7 = 2$	$16 \div 8 = 2$
$15 \div 5 = 3$	$18 \div 6 = 3$	$21 \div 7 = 3$	$24 \div 8 = 3$
$20 \div 5 = 4$	$24 \div 6 = 4$	$28 \div 7 = 4$	$32 \div 8 = 4$
$25 \div 5 = 5$	$30 \div 6 = 5$	$35 \div 7 = 5$	$40 \div 8 = 5$
$30 \div 5 = 6$	$36 \div 6 = 6$	$42 \div 7 = 6$	$48 \div 8 = 6$
$35 \div 5 = 7$	$42 \div 6 = 7$	$49 \div 7 = 7$	$56 \div 8 = 7$
$40 \div 5 = 8$	$48 \div 6 = 8$	$56 \div 7 = 8$	$64 \div 8 = 8$
$45 \div 5 = 9$	$54 \div 6 = 9$	$63 \div 7 = 9$	$72 \div 8 = 9$
$50 \div 5 = 10$	$60 \div 6 = 10$	$70 \div 7 = 10$	$80 \div 8 = 10$

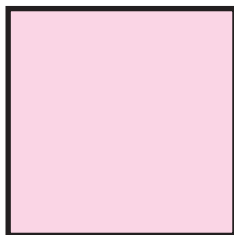
DIVISION TABLES

DIVISION is connected with each other.
Therefore, we can get DIVISION tables as follows.

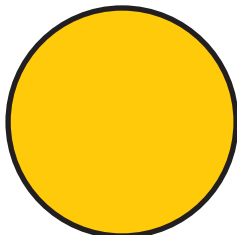
Division Tables		
9	÷	9 = 1
18	÷	9 = 2
27	÷	9 = 3
36	÷	9 = 4
45	÷	9 = 5
54	÷	9 = 6
63	÷	9 = 7
72	÷	9 = 8
81	÷	9 = 9
90	÷	9 = 10

Division Tables		
10	÷	10 = 1
20	÷	10 = 2
30	÷	10 = 3
40	÷	10 = 4
50	÷	10 = 5
60	÷	10 = 6
70	÷	10 = 7
80	÷	10 = 8
90	÷	10 = 9
100	÷	10 = 10

BASIC SHAPES



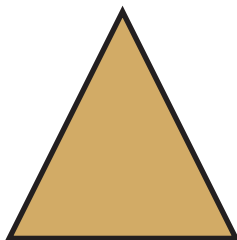
SQUARE



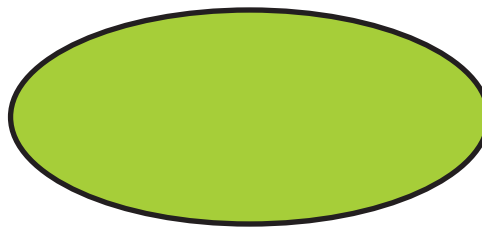
CIRCLE



RECTANGLE



TRIANGLE



OVAL

MEASUREMENT OF TIME

Time taken by the Earth to go one round of the sun is called a year ($365 \frac{1}{4}$ days).
Time taken by the Earth to rotate one round of its axis is a day (24 hours)⁴

TABLES OF TIME

60 Seconds (s) =	1 minute (min)
60 minutes =	1 hour (h)
24 hours =	1 day
7 days =	1 week
30 days =	1 month (average)
365 days =	1 year
366 days =	1 Leap year
52 weeks =	1 year
12 Months =	1 year
10 years =	1 decade
100 years =	1 century
1000 years =	10 centuries 1 Millenium

MONTHS OF THE YEAR

NUMBER OF DAYS

1. January	31
2. February	28
3. March	31
4. April	30
5. May	31
6. June	30
7. July	31
8. August	31
9. September	30
10. October	31
11. November	30
12. December	31

In a Leap year, February has 29 days. Leap year comes after every four years.

DENOTING TIME

Ante Meridian (a.m.) denotes the time after midnight and before noon:

Eg. 2 a.m. 6 a.m. 10.30 a.m. etc.,

Post Meridian (p.m.) denotes the time after noon and before midnight.

Eg. 3 p.m. 7.30 p.m. 11 p.m. etc.,

RHYME TO REMEMBER

30 Days hath September, April
June and November.

All the rest have 31 days.

Except February* alone.

(* it has 28 days clear and 29 days in Leap year)

JUBILEE CELEBRATIONS

Anniversary =	1 year
Decade =	10 years
Silver Jubilee =	25 years
Golden Jubilee =	50 years
Diamond Jubilee =	60 years
Platinum Jubilee =	75 years
Centenary =	100 years

DAYS IN A WEEK

English	தமிழ்
1. Sunday	ஞாயிற்றுக்கிழமை
2. Monday	திங்கட்கிழமை
3. Tuesday	செவ்வாய்கிழமை
4. Wednesday	புதன்கிழமை
5. Thursday	வியாழக்கிழமை
6. Friday	வெள்ளிக்கிழமை
7. Saturday	சனிக்கிழமை

INDIAN CURRENCY

COIN



1 ₹



2 ₹



5 ₹



10 ₹

Rupees



One Rupee



Two Rupees



Five Rupees



Ten Rupees



Twenty Rupees



Fifty Rupees



One Hundred Rupees



Five Hundred Rupees



Two Thousand Rupees

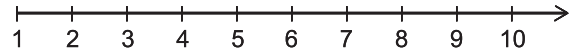


Swiping Machine

ALL ABOUT NUMBERS

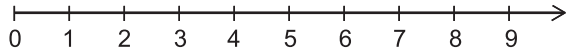
NATURAL NUMBERS

$$N = \{ 1, 2, 3, 4, \dots \}$$



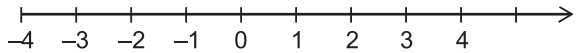
WHOLE NUMBERS

$$W = \{ 0, 1, 2, 3, 4, \dots \}$$



INTEGERS

$$I = \{ \dots, -3, -2, -1, 0, 1, 2, 3, \dots \}$$



EVEN NUMBERS

Numbers which are divisible by 2 are even numbers. Even numbers upto 100 are shown here. But the table continues endlessly.

2	4	6	8	10	12	14	16	18	20
22	24	26	28	30	32	34	36	38	40
42	44	46	48	50	52	54	56	58	60
62	64	66	68	70	72	74	76	78	80
82	84	86	88	90	92	94	96	98	100

ODD NUMBERS

Numbers which are not exactly divisible by 2 are odd numbers. We may say, odd numbers are those numbers which are not even. Odd numbers upto 100 are shown here.

1	3	5	7	9	11	13	15	17	19
21	23	25	27	29	31	33	35	37	39
41	43	45	47	49	51	53	55	57	59
61	63	65	67	69	71	73	75	77	79
81	83	85	87	89	91	93	95	97	99

PRIME NUMBERS

A Number greater than 1, which is divisible only by itself and 1. It is not divisible by any other number. Prime numbers upto 100 are shown here.

2	3	5	7	11	13	17
19	23	29	31	37	41	43
47	53	59	61	67	71	73
79	83	89	97			

Note: 1 is not a prime number. 2 is the only **even** prime number.

2 is the **least prime** number.

ROMAN NUMERALS ORDINAL NUMBERS

Number Names	Numerals	Roman	Ordinal Numbers
One	1	I	First
Two	2	II	Second
Three	3	III	Third
Four	4	IV	Fourth
Five	5	V	Fifth
Six	6	VI	Sixth
Seven	7	VII	Seven
Eight	8	VIII	Eight
Nine	9	IX	Nine
Ten	10	X	Tenth
Eleven	11	XI	Eleventh
Twelve	12	XII	Twelfth
Thirteen	13	XIII	Thirteenth
Fourteen	14	XIV	Fourteenth
Fifteen	15	XV	Fifteenth
Sixteen	16	XVI	Sixteenth
Seventeen	17	XVII	Seventeenth
Eighteen	18	XVIII	Eighteenth
Nineteen	19	XIX	Nineteenth
Twenty	20	XX	Twentieth
Thirty	30	XXX	Thirtieth
Forty	40	XL	Fortieth
Fifty	50	L	Fiftieth
Sixty	60	LX	Sixtieth
Seventy	70	LXX	Seventieth
Eighty	80	LXXX	Eightieth
Ninety	90	XC	Ninetieth
Hundred	100	C	Hundredth
Two Hundred	200	CC	Two Hundredth
Three Hundred	300	CCC	Three Hundredth
Four Hundred	400	CD	Four Hundredth
Five Hundred	500	D	Five Hundredth
Six Hundred	600	DC	Six Hundredth
Seven Hundred	700	DCC	Seven Hundredth
Eight Hundred	800	DCCC	Eight Hundredth
Nine Hundred	900	CM	Nine Hundredth
One Thousand	1000	M	One Thousandths
Two Thousand	2000	MM	Two Thousandths
Three Thousand	3000	MMM	Three Thousandths

Note : If a bar (-) is placed above the Roman Numeral, its value increases by 1000 times.

$$\overline{V} = 5000 ; \overline{XVI} = 16,000 ; \overline{XX} \text{ XII} = 20,000 + 12 = 20012.$$

THE METRIC SYSTEM

MEASURES OF LENGTH

10 millimetres (mm)	=	1 centimetre (cm)
10 centimetres	=	1 decimetre (dm)
10 decimetres (mm)	=	1 metre (m)
10 metres	=	1 decametre (dam)
10 decametres	=	1 hectometre (hm)
10 hectometre	=	1 kilometre (km)

1 metre = 100 cm = 1000 mm
1 km = 1000m



MEASURES OF WEIGHT

10 milligrams (mg)	=	1 centigram (cg)
10 centigrams	=	1 decigram (dg)
10 decigrams	=	1 gram (g)
10 grams	=	1 decagram (dag)
10 decagrams	=	1 hectogram (hg)
10 hectograms	=	1 kilometre (kg)

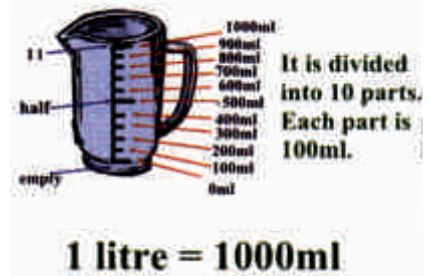
1 gram = 1000 mg ; 1 kg = 1000 gm
100 kg = 1 Quintal
1000 kg = 1 tonne = 10 Quintals



MEASURES OF CAPACITY

10 millilitres (ml)	=	1 centilitre (cl)
10 centilitres	=	1 decilitre (dl)
10 decilitres	=	1 litre (l)
10 litres	=	1 decalitre (dal)
10 decalitres	=	1 hectolitre (hl)
10 hectolitres	=	1 kilolitre (kl)

1 litre = 1000 ml
1 kilolitre = 1000 litres



MEANING OF PREFIXES

Thousand 1000	Hundred 100	Ten 10	Unit 1	Tenth $\frac{1}{10}$	Hundredth $\frac{1}{100}$	Thousandth $\frac{1}{1000}$
Kilo	hecto	deca	METRIC UNITS Metre, litre gram	deci	centi	milli

MATHEMATICAL SIGNS AND NUMERATION SYSTEMS

MATHEMATICAL SIGNS

SYMBOLS	MEANING
N	{1, 2, 3, 4, ...}
W	{0, 1, 2, 3, ...}
I	{... -2, -1, 0, 1, 2, ...}
\Rightarrow	Implies
\Leftrightarrow	Implies and implied by
\therefore	Therefore
\because	Because
+	Plus (Add)
-	Minus (Subtract)
\times	Into (Multiplication)
\div	Divided by (Division)
=	Equal to
\neq	Not equal to
$>$	Greater than
\geq	Greater than or equal to
\nlessgtr	Not greater than
$<$	Less than
\leq	Less than or equal to
\nlessgtr	Not less than
\parallel	Parallel to
\perp	Perpendicular to
\triangle	Triangle
\square	Square
rectangle	Rectangle
\bigcirc	Circle
.	Decimal Eg. 5.6
\therefore	Ratio Eg. 2:3
%	Percent. Eg. 82%
\sphericalangle	Angle
rt. \sphericalangle	Right Angle
x°	x degrees
5'	5 minutes
5"	5 seconds

THE INTERNATIONAL SYSTEM

Periods \rightarrow	MILLIONS			THOUSANDS			ONES		
Places \rightarrow	Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
Place Value \rightarrow	10^8	10^7	10^6	10^5	10^4	10^3	10^2	10^1	1
Example	8	3	6,	4	2	2,	5	2	3

In this system '836, 422, 523' is read as "Eight Thirty Six Million, four hundred-twenty two thousand five hundred and twenty three"

THE INDIAN SYSTEM

Periods \rightarrow	CRORES		LAKHS		THOUSANDS		ONES		
Places \rightarrow	Ten Crores	Crores	Ten Lakhs	Lakhs	Ten Thousands	Thousands	Hundreds	Tens	Ones
Place Value \rightarrow	10^8	10^7	10^6	10^5	10^4	10^3	10^2	10^1	1
Example	3	4,	6	1,	5	4	2	8	9

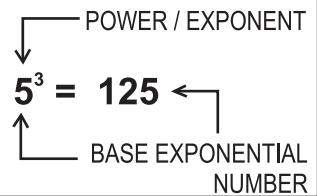
In this system '34, 61, 54, 289' is read as "Thirty four crores, Sixty one lakhs, fifty four thousands two hundred and eighty nine"

Place Values	Places	Expanded Numeral
1	One or Unit	1
10	Ten	10
10^2	Hundred	100
10^3	Thousand	1000
10^4	Ten Thousand	10000
10^5	Hundred Thousands (Lakh)	100000
10^6	Million or (Ten Lakhs)	1000000
10^7	Ten Million (Crores)	10000000
10^8	Hundred Millions (Ten Crores)	100000000

SQUARES AND CUBES OF NUMBERS

SIX SQUARED $\Rightarrow 6^2 = 6 \times 6 = 36$

FIVE CUBED $\Rightarrow 5^3 = 5 \times 5 \times 5 = 125$



SQUARES

(of numbers 1 to 20)

1^2	=	1
2^2	=	4
3^2	=	9
4^2	=	16
5^2	=	25
6^2	=	36
7^2	=	49
8^2	=	64
9^2	=	81
10^2	=	100
11^2	=	121
12^2	=	144
13^2	=	169
14^2	=	196
15^2	=	225
16^2	=	256
17^2	=	289
18^2	=	324
19^2	=	361
20^2	=	400

CUBES

(of numbers 1 to 20)

1^3	=	1
2^3	=	8
3^3	=	27
4^3	=	64
5^3	=	125
6^3	=	216
7^3	=	343
8^3	=	512
9^3	=	729
10^3	=	1000
11^3	=	1331
12^3	=	1728
13^3	=	2197
14^3	=	2744
15^3	=	3375
16^3	=	4096
17^3	=	4913
18^3	=	5832
19^3	=	6859
20^3	=	8000

NUMBER MEASURES

1 unit	=	1
2 units	=	1 couple
12 units	=	1 Dozen
12 Dozens	=	1 Gross
	=	144 units
20 units	=	1 Score
	=	1 Kori
12 Gross	=	1728 units
	=	1 Great Gross

PAPER MEASURES

24 Sheets	=	1 Quire
20 Quires	=	480 Sheets
	=	1 Ream
500 Sheets	=	1 Commercial Ream



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