

NUMBER TERMS

FACTORS, PRIMES, SQUARE & TRIANGULAR NUMBERS

1	2	3	4 2 x 2	5	6 2 x 3	7	8 2 x 4	9 3 x 3	10 2 x 5
11	12 2 x 6 3 x 4	13	14 2 x 7	15 3 x 5	16 2 x 8 4 x 4	17	18 2 x 9 3 x 6	19	20 2 x 10 4 x 5
21 3 x 7	22 2 x 11	23	24 2 x 12 3 x 8 4 x 6	25 5 x 5	26 2 x 13	27 3 x 9	28 2 x 14 4 x 7	29	30 2 x 15 3 x 10 5 x 6
31	32 2 x 16 4 x 8	33 3 x 11	34 2 x 17	35 5 x 7	36 2 x 18 3 x 12 4 x 9 6 x 6	37	38 2 x 19	39 3 x 13	40 2 x 20 4 x 10 5 x 8
41	42 2 x 21 3 x 14 6 x 7	43	44 2 x 22 4 x 11	45 3 x 15 5 x 9	46 2 x 23	47	48 2 x 24 3 x 16 4 x 12 6 x 8	49 7 x 7	50 2 x 25 5 x 10
51 3 x 17	52 2 x 26 4 x 13	53	54 2 x 27 3 x 18 6 x 9	55 5 x 11	56 2 x 28 4 x 14 7 x 8	57 3 x 19	58 2 x 29	59	60 2 x 30 3 x 20 4 x 15 5 x 12 6 x 10
61	62 2 x 31	63 3 x 21 7 x 9	64 2 x 32 4 x 16 8 x 8	65 5 x 13	66 2 x 33 3 x 22 6 x 11	67	68 2 x 34 4 x 17	69 3 x 23	70 2 x 35 5 x 14 7 x 10
71	72 2 x 36 3 x 24 4 x 18 6 x 12 8 x 9	73	74 2 x 37	75 3 x 25 5 x 15	76 2 x 38 4 x 19	77 7 x 11	78 2 x 39 3 x 26 6 x 13	79	80 2 x 40 4 x 20 5 x 16 8 x 10
81 3 x 27 9 x 9	82 2 x 41	83	84 2 x 42 3 x 28 4 x 21 6 x 14 7 x 12	85 5 x 17	86 2 x 43	87 3 x 29	88 2 x 44 4 x 22 8 x 11	89	90 2 x 45 3 x 30 5 x 18 6 x 15 9 x 10
91 7 x 13	92 2 x 46 4 x 23	93 3 x 31	94 2 x 47	95 5 x 19	96 2 x 48 3 x 32 4 x 24 6 x 16 8 x 12	97	98 2 x 49 7 x 14	99 3 x 33 9 x 11	100 2 x 50 4 x 25 5 x 20 10 x 10

PRIME NUMBER: can only be divided evenly by 1 and itself. It has no other factors. (2,3,5,7,11,13, etc.)

COMPOSITE NUMBER: has more factors than 1 and itself. If a number isn't PRIME, it is COMPOSITE.

FACTORS: 3 and 4 are factors of 12, as are 2 and 6 ($3 \times 4 = 12$ and $6 \times 2 = 12$)

MULTIPLES: The multiples of 3 are 6-9-12-15-18-21-24, etc.

SQUARE NUMBERS: make a square array :- $\therefore 4(2 \times 2)$, $9(3 \times 3)$, $16(4 \times 4)$, $25(5 \times 5)$, 36, 49, 64, 81, 100 etc.

TRIANGULAR NUMBERS: make a triangular array:- $\therefore 3(1+2)$, $\therefore 6(1+2+3)$, $10(1+2+3+4)$, etc.