Perfect Squares

$1^2 = 1 \times 1 = 1$ $11^2 = 11 \times 11 = 121$ $21^2 = 21 \times 21 = 441$

$2^2 = 2 \times 2 = 4$ $12^2 = 12 \times 12 = 144$ $22^2 = 22 \times 22 = 484$

$3^2 = 3 \times 3 = 9$ $13^2 = 13 \times 13 = 169$ $23^2 = 23 \times 23 = 529$

$4^2 = 4 \times 4 = 16$ $14^2 = 14 \times 14 = 196$ $24^2 = 24 \times 24 = 576$

$5^2 = 5 \times 5 = 25$ $15^2 = 15 \times 15 = 225$ $25^2 = 25 \times 25 = 625$

$6^2 = 6 \times 6 = 36$ $16^2 = 16 \times 16 = 256$ $26^2 = 26 \times 26 = 676$

$7^2 = 7 \times 7 = 49$ $17^2 = 17 \times 17 = 289$ $27^2 = 27 \times 27 = 729$

$8^2 = 8 \times 8 = 64$ $18^2 = 18 \times 18 = 324$ $28^2 = 28 \times 28 = 784$

$9^2 = 9 \times 9 = 81$ $19^2 = 19 \times 19 = 361$ $29^2 = 29 \times 29 = 841$

$10^2 = 10 \times 10 = 100$ $20^2 = 20 \times 20 = 400$ $30^2 = 30 \times 30 = 900$

Perfect Cubes

$1^3 = 1 \times 1 \times 1 = 1$ $6^3 = 6 \times 6 \times 6 = 216$ $11^3 = 11 \times 11 \times 11 = 1331$

$2^3 = 2 \times 2 \times 2 = 8$ $7^3 = 7 \times 7 \times 7 = 343$ $12^3 = 12 \times 12 \times 12 = 1728$

$3^3 = 3 \times 3 \times 3 = 27$ $8^3 = 8 \times 8 \times 8 = 512$ $13^3 = 13 \times 13 \times 13 = 2197$

$4^3 = 4 \times 4 \times 4 = 64$ $9^3 = 9 \times 9 \times 9 = 729$ $14^3 = 14 \times 14 \times 14 = 2744$

$5^3 = 5 \times 5 \times 5 = 125$ $10^3 = 10 \times 10 \times 10 = 1000$ $15^3 = 15 \times 15 \times 15 = 3375$

Exponential Value of a^m, where a = {1, 2, 3, 4, 5} and m = {0, 1, 2, 3, 4, 5}

$1^0 = 1$; $2^0 = 1$; $3^0 = 1$; $4^0 = 1$; $5^0 = 1$; $1^1 = 1$; $2^1 = 2$; $3^1 = 3$; $4^1 = 4$; $5^1 = 5$;

$1^2 = 1$; $2^2 = 4$; $3^2 = 9$; $4^2 = 16$; $5^2 = 25$; $1^3 = 1$; $2^3 = 8$; $3^3 = 27$; $4^3 = 64$; $5^3 = 125$;

$1^4 = 1$; $2^4 = 16$; $3^4 = 81$; $4^4 = 256$; $5^4 = 625$; $1^5 = 1$; $2^5 = 32$; $3^5 = 243$; $4^5 = 1024$; $5^5 = 3125$

Sum of the first 'n' natural numbers (Σn):

$1 + 2 = 3$, $1 + 2 + 3 = 6$; $1 + 2 + 3 + 4 = 10$; $1 + 2 + 3 + 4 + 5 = 15$; $1 + 2 + 3 + 4 + 5 + 6 = 21$

$1 + 2 + 3 + 4 + 5 + 6 + 7 = 28$; $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 = 36$;

$1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 = 45$; $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 = 55$.

Product of the first 'n' natural numbers (n! Factorial n):

$1 \times 2 = 2$; $1 \times 2 \times 3 = 6$; $1 \times 2 \times 3 \times 4 = 24$; $1 \times 2 \times 3 \times 4 \times 5 = 120$; $1 \times 2 \times 3 \times 4 \times 5 \times 6 = 720$

$1 \times 2 \times 3 \times 4 \times 5 \times 6 \times 7 = 5040$; $1 \times 2 \times 3 \times 4 \times 5 \times 6 \times 7 \times 8 = 40320$;

$1 \times 2 \times 3 \times 4 \times 5 \times 6 \times 7 \times 8 \times 9 = 362880$; $1 \times 2 \times 3 \times 4 \times 5 \times 6 \times 7 \times 8 \times 9 \times 10 = 3628800$.