

IMPORTANT NUMBERS

Prime numbers, squared numbers and cubed numbers

PRIME NUMBERS (up to 100)

- Prime numbers are whole numbers greater than 1 that have **exactly two factors** (1 and itself).
- Here are all the prime numbers up to 100:

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

SQUARED NUMBERS (up to 12×12)

- A **squared number** is the result of multiplying a number by itself.
- It is written as n^2 and means "n multiplied by n".
- Here are the square numbers from 1^2 to 12^2 :

1^2	= 1×1	= 1
2^2	= 2×2	= 4
3^2	= 3×3	= 9
4^2	= 4×4	= 16
5^2	= 5×5	= 25
6^2	= 6×6	= 36
7^2	= 7×7	= 49
8^2	= 8×8	= 64
9^2	= 9×9	= 81
10^2	= 10×10	= 100
11^2	= 11×11	= 121
12^2	= 12×12	= 144

CUBED NUMBERS (up to $12 \times 12 \times 12$)

- A **cubed number** is the result of multiplying a number by itself **three times**.
- It is written as n^3 and means "n multiplied by n multiplied by n".
- Here are the cubed numbers from 1^3 to 12^3 :

1^3	= $1 \times 1 \times 1$	= 1
2^3	= $2 \times 2 \times 2$	= 8
3^3	= $3 \times 3 \times 3$	= 27
4^3	= $4 \times 4 \times 4$	= 64
5^3	= $5 \times 5 \times 5$	= 125
6^3	= $6 \times 6 \times 6$	= 216
7^3	= $7 \times 7 \times 7$	= 343
8^3	= $8 \times 8 \times 8$	= 512
9^3	= $9 \times 9 \times 9$	= 729
10^3	= $10 \times 10 \times 10$	= 1,000
11^3	= $11 \times 11 \times 11$	= 1,331
12^3	= $12 \times 12 \times 12$	= 1,728

2 3 5 7

Prime numbers
have only two
factors!

6^2

$$6^2 = 36 \\ (6 \times 6)$$

3^3

$$3^3 = 27 \\ (3 \times 3 \times 3)$$