
Contents

Factorial of n in algebra	2
Scope of factorial in algebra	2
Expression for relation of factorial	2
Factorial of zero in algebra	2

Factorial of n in algebra

If $N \in \mathbb{N}$, Continued product from 1 to n

$$\text{Factorial of } n = 1 \times 2 \times 3 \dots n$$

Scope of factorial in algebra

Only natural numbers

Expression for relation of factorial

$$n! = n \times (n - 1)!$$

Factorial of zero in algebra

1