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### **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**

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