FACTORIAL

n!

The factorial of a non-negative integer, n, is the product of all positive integers less than or equal to n.

0! = 1

1! = 1

2! = 2

3! = 6

4! = 24

5! = 120

6! = 720

7! = 5,040

8! = 40,320

9! = 362,880

10! = 3,628,800