**FACTORIALS TABLE**

|  |  |
| --- | --- |
| **FACTORIAL** | **DOUBLE FACTORIAL** |
| **n!** | **n!!** |
| The factorial of a non-negative integer, n, is the product of all positive integers less than or equal to n. | The double factorial of a  non-negative integer, n, is the product of all positive integers less than or equal to n that have the same parity (even or odd) as n. |
| 0! = 1 | 0!! = 1 |
| 1! = 1 | 1!! = 1 |
| 2! = 2 | 2!! = 2 |
| 3! = 6 | 3!! = 3 |
| 4! = 24 | 4!! = 8 |
| 5! = 120 | 5!! = 15 |
| 6! = 720 | 6!! = 48 |
| 7! = 5,040 | 7!! = 105 |
| 8! = 40,320 | 8!! = 384 |
| 9! = 362,880 | 9!! = 945 |
| 10! = 3,628,800 | 10!! = 3,840 |
| 11! = 39,916,800 | 11! = 10,395 |
| 12! = 479,001,600 | 12!! = 46,080 |
| 13! = 6,227,020,800 | 13!! = 135,135 |
| 14! = 87,178,291,200 | 14!! = 645,120 |
| 15! = 1,307,674,368,000 | 15!! = 2,027,025 |

**Icon

Description automatically generated with medium confidence**

Created by Sarah Carter | @mathequalslove |mathequalslove.net |