

# FACTORIALS TABLE

FACTORIAL	DOUBLE FACTORIAL
<b><math>n!</math></b>	<b><math>n!!</math></b>
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 $n$ .
$0! = 1$	$0!! = 1$
$1! = 1$	$1!! = 1$
$2! = 2$	$2!! = 2$
$3! = 6$	$3!! = 3$
$4! = 24$	$4!! = 8$
$5! = 120$	$5!! = 15$
$6! = 720$	$6!! = 48$
$7! = 5,040$	$7!! = 105$
$8! = 40,320$	$8!! = 384$
$9! = 362,880$	$9!! = 945$
$10! = 3,628,800$	$10!! = 3,840$
$11! = 39,916,800$	$11!! = 10,395$
$12! = 479,001,600$	$12!! = 46,080$
$13! = 6,227,020,800$	$13!! = 135,135$
$14! = 87,178,291,200$	$14!! = 645,120$
$15! = 1,307,674,368,000$	$15!! = 2,027,025$