

$$0! = 1$$

$$1! = 1$$

$$2! = 2$$

$$3! = 6$$

$$4! = 24$$

$$5! = 120$$

$$6! = 720$$

$$7! = 5040$$

$$8! = 40320$$

$$9! = 362880$$

$$10! = 3628800$$

$$11! = 39916800$$

$$12! = 479001600$$

$$13! = 6.22702\text{e}+09$$

$$14! = 8.71783\text{e}+10$$

$$15! = 1.30767\text{e}+12$$

$$16! = 2.09228\text{e}+13$$

$$17! = 3.55687\text{e}+14$$

$$18! = 6.40237\text{e}+15$$

$$19! = 1.21645\text{e}+17$$

$$20! = 2.4329\text{e}+18$$