

$10! = 3\,628\,800$
 $11! = 39\,916\,800$
 $12! = 479\,001\,600$
 $13! = 6\,227\,020\,800$
 $14! = 87\,178\,291\,200$
 $15! = 1\,307\,674\,368\,000$
 $16! = 20\,922\,789\,888\,000$
 $17! = 355\,687\,428\,096\,000$
 $18! = 6\,402\,373\,705\,728\,000$