N	N!	inf	avg
1	1	19	19.00
2	2	93	46.50
3	6	402	67.00
4	24	1,942	80.92
5	120	11094	92.45
6	720	74,541	103.53
7	5040	577,538	114.59
8	40320	5,066,623	125.66
9	362880	49,611,427	136.72
10	3628800	536,145,851	147.75
11	39916800	6,336,955,132	158.75