

## 1 Factorials and Squares

$n$	$n!$	$n^2$
1	1	1
2	2	4
3	6	9
4	24	16
5	120	25
6	720	36
7	5040	49
8	40320	64
9	362880	81
10	3628800	100
11	39916800	121