

length $n$	$pr(n)$
1	0.410
2	0.410
3	0.144
4	0.0306
5	0.00469
6	0.000818
7	0.000110
8	0.0000226
9	$4.69 \times 10^{-6}$
10	$1.42 \times 10^{-6}$
11	$4.9 \times 10^{-7}$
12	$1.69 \times 10^{-7}$