

n	$\min/m = 2$	$\min/m = 3$	$\min/m = 4$	$\max/m = 2$	$\max/m = 3$	$\max/m = 4$
10	7	8	13	7	8	10
100	15	14	19	13	13	16
1000	29	30	57	13	14	19