$15 \cdot 14 \cdot 13 \cdot 12 \cdot 11 \cdot 10 \cdot 1$

$15! = 1.3 \cdot 10^{12}$

$\frac{N!}{}$

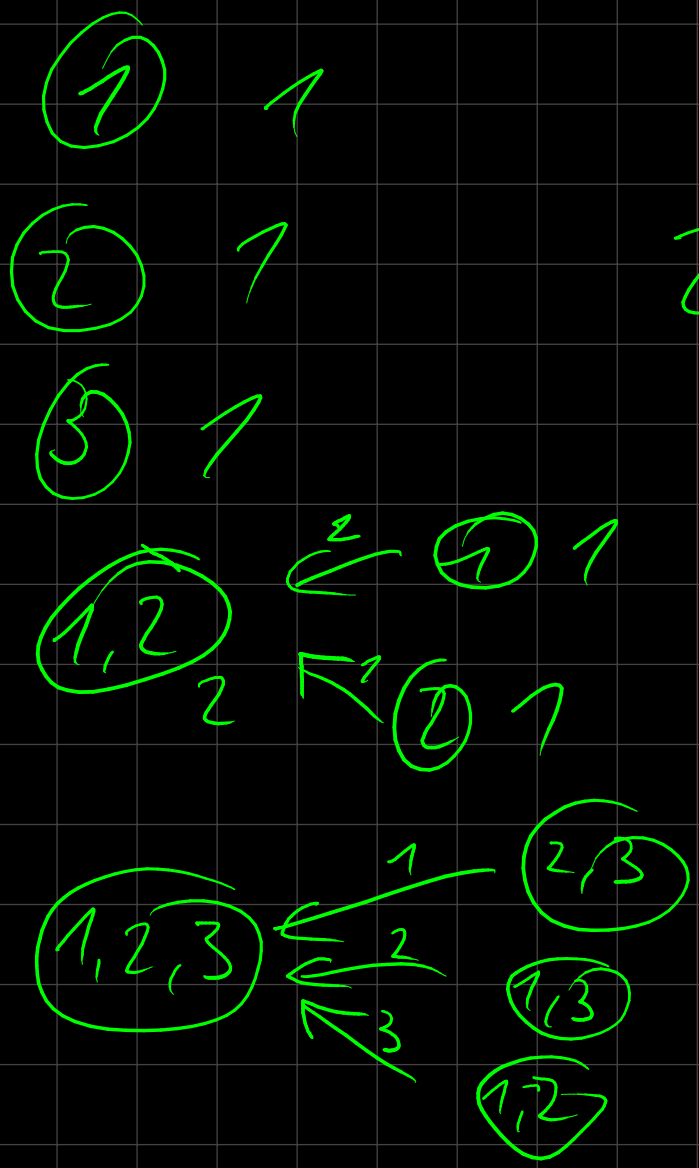
15 rooms each $A = 1$

all are connected $K = 15$

Shield $L = 1$ $R = 15$

$15!$

2^N $\quad 2^{15} \approx 30.000$



$2^N \cdot N^2 = 7.3 \cdot 10^6$