it pritos the sume
200.199.198

 $\frac{13}{100!} = \frac{68}{100!}$ $\frac{100!}{2!(100-2)!} = \frac{100}{98!(100-98)!}$

 $(a+b)^{5}$ $(a+b)^{5}$ $(a+b)^{5}$ $(a+b)^{4}$ $(a+b)^{5}$ $(a+b)^{5}$ $(a+b)^{6}$ $(a+b)^{6}$

l'ermutations where not all objects are distinguishable. Q: clerly just vsiz n! for n-thip is over conting... 61 would be the # of reachingenell ex ALASKA ALASKA ALASKA ALASKA ALASKA A: 6!/3! AAALSK

ex MISSISSIPPI

realisagemble
$$\frac{11!}{4! \cdot 4! \cdot 2!} = \frac{11(10) \cdot 9 \cdot 8 \cdot 7 \cdot 6 \cdot 5}{4! \cdot 2!}$$

$$= 11(5) \cdot 9 \cdot 2 \cdot 7 \cdot 5$$

$$= 55 \cdot 18 \cdot 35$$

$$= 34,650.$$

generelly if n this yes small remayeness then number of remayeness is n.

double counting
ABLDEF L DEFABLE