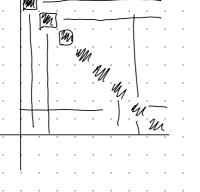
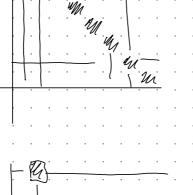
Boex colortui 365° permu tations we care about ordering Yntikarehrix 365!
(365-N)! · · · · // Coun binations k! (n-k)! Mre mynno unous zolato
premi tations N=23 P= Z 50% yourant rose grund pomylore

Section L.C. counting

) 8 100 ks (nages) Safe from each 2 paccornioben ygoTrerbopers ycrobino combinations because indistinguishable between Mre Parino vooks are each officer 16.00 18.1 56.1 69 · 8 A 6 9 4 3 Z 89.58.62.61.66.59.58.57

= 67.00





64.49.36.25.16.9.4

· · · · · · · · · · · · · · · · · · ·
m-balls in urn
K- Select balls without replacement
what's the probability that i balls are
independent nut independent
$p(k) = \binom{n}{k} p^{k} (1-p)^{n-k}$
binomial probability coefficient
$\sum_{k=0}^{N} \binom{n}{k} p^{k} (1-p)^{n-k} = 1$
Plolatu Success - = (n) (sr) k (t-x)
K. W.

 $P_{1}\left(i=1\right)SR=\frac{m}{n}=\frac{m}{n}$