22 - 11 - 2020

Uni+-8

Counting, Permentation and combinations

Permutation = "P,

 $np_{\lambda} = np_{\lambda} = \frac{n!}{(n-\lambda)!}$

, choosing Ladranging

Combination =)

 $n_{C_A} = n_{C_A} = \frac{n!}{n!}$ schoosing

=) Probability using hombinations
$$P(\frac{3}{6}H) = \frac{8C_3}{2^8} = 0.21875$$

P(
$$\frac{A}{n}$$
) = $\frac{nC_n}{2^n}$