A Sumple space is the Set of all Possible outlomes of an experiment.

An event is a subset of the Sample State.

e.g. Set of all results of robing 2 dice., [6,67. event

Noire Del of Probability: P(A) 2 # favorable outcomes = # fourable

# Possible outcomes # Possible

Assumes: 1 All orthones equally likely

2 Sample Space is Pinite [Countable?]

Country:

1 Molliplication Rule: Reducted for obviousness.

Brismich Coeff (Coure Z'm Bad with names): ( ) = 1 (n-x)! K!

Nametive: # Subsets of Size K of a group of 1 People.

[Set, So order doesn't matter]

Sampling Table: Chase & objects out of n:

order matters order doen't matter

Replacement NK (nek-1)

Replacement (n')

Replacement (n')