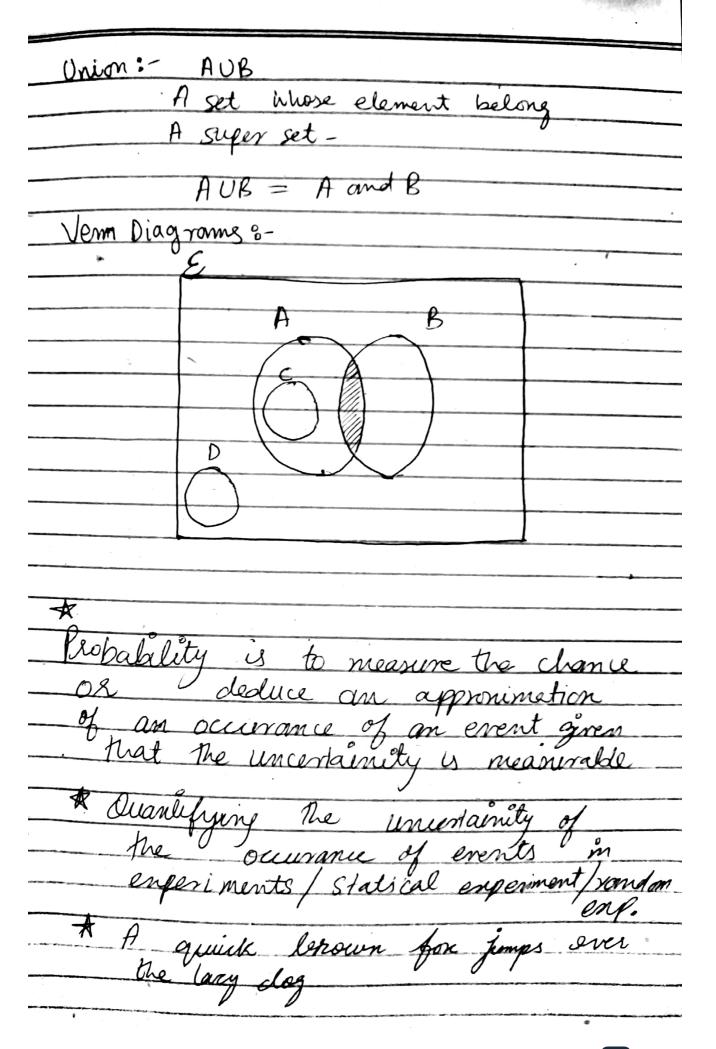


Example: - Charling 3 Hems and 1
it is there and decidence of
Example: - Checking 3 items and decident of it is defective or not defective (DIEN)
fixet e. 1
D Somples
N DOD
DON'S
DIND DIND
N NDD
NON
NOUD
Sets:
S= 3 DOD, DON, DND, DNN, MDD, NDN, NND, NND}
Q#1) Make a subset of defective items
with more than 1
K= & DNN, NDN, NND, NNN&
K is a subset of \$ 8
K is an event of S

Events: Subset of a sample set for example 101-Complement: -Complement of an event Intersection: common elements Not mutually exclusive Mutually Exclusive two events have no elements common_ Head and fail cannot own at a time. If they are goint event or com



3	
	Counting Sample Points:
**.	
	→ multipleation Rule → fermulation
10	-> fermulation
	-> combination
	find
	* To count he occurrences or test the total
	autrones by country as a technique
	* Lind total number
-	
* .*	
, N.	
^ .5	
7 7	
Andrew An	
16.	

Rule of Multiplication:
$\frac{1}{2}$
$(n_1 \times n_2)$
- Roll 2 dies
=> Total out comes = 36
(1,1) (1,2), (1,3), (1,4), (1,5), (1,6)
(2,1) $(2,2)$ $(2,3)$ $(2,4)$ $(2,5)$ $(2,6)$
(3,1) $(2,2)$ $(3,3)$ $(3,4)$ $(3,5)$ $(3,6)$
(9,1) $(9,7)$ $(9,3)$ $(9,9)$ $(5,3)$ $(5,6)$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Total different types of events
· 8 -