« Random Vaniable	
-> A set of Possible value	bon (x-3
a de la construction	from (22-3 (22-5)
L> A set of possible values a random experiment.	
* Tossing a coin -> Experiment is random,	out comes will be random
<u> </u>	
SH, T.	
	dom values
Is Quantify these some	Stom Uss _
V = (H	$0 \longrightarrow \text{fail}(T)$ $1 \longrightarrow \text{Head}(H)$
$X = \begin{cases} H \\ T \end{cases}$	
T ,	I -> Head (H)
× = (0,14 * W	have a experiment
$\begin{array}{c} \times = \{0,1\} \\ \downarrow \end{array}$	e home an experiment (tossing a coun)
random tanable.	nantify each event (0,1) This value is random variable.
vanusie.	This value is mandow
<u> </u>	vaniable.
It can take	
any Value	$\chi + 5 = 10$
from the set of values.	
values.	X=10-5
	125
	Ų
	In Algebra,
	the value of
	the vaniable
	is fixed
Another example	-> deterministic
	orgonality.
-> throwing a dice	
X = { 1, 2, 3, 4, 5, 6}	
Sample sp	au-
P(x=1) = No ef Possible Outcomes =	
Total no of outcomes	6

$$P(x=6) = \frac{1}{6}$$

$$\frac{1055 \text{ a Colin}}{\rho(x=H)} = \frac{\{H_1 \in Y\}}{2 I_2}$$