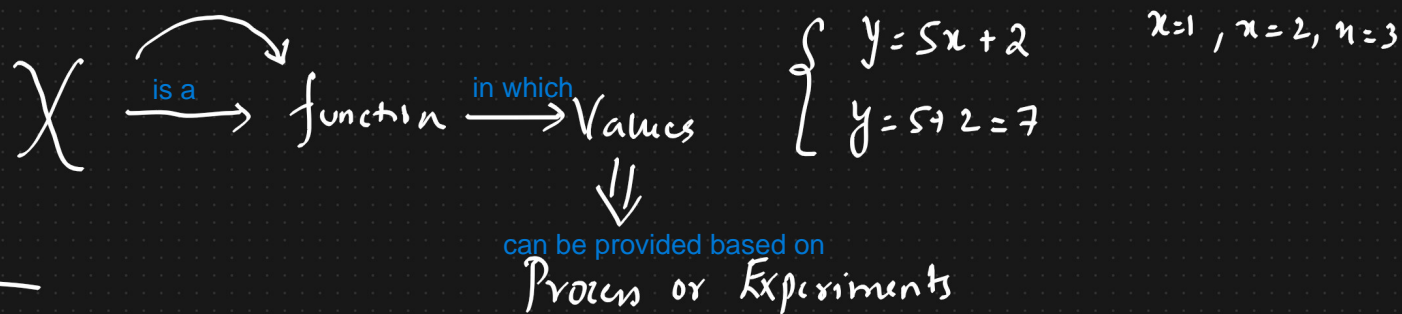


Random Variables



e.g. 1. Tossing a coin :

$$X = \begin{cases} 0 & H \checkmark \\ 1 & T \checkmark \end{cases} \quad \text{Tossing a coin}$$

e.g. 2: Rolling a fair
dice

$$X = \begin{cases} 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \end{cases}$$

Eg: Height of the people attending
the event tomorrow

Eg: 150cm, 160cm, 160.1cm, - - -

types of Random Variables

Discrete Random

Eg: Tossing a coin }
Rolling a dice }

Continuous Random
Variable

Eg: Tomorrow how many
inches it is going
to rain

[0, 1.1, 5.5, 10.5, 10.75]

and can be more

