* Poobability distribution functions and Cumulative distribution function

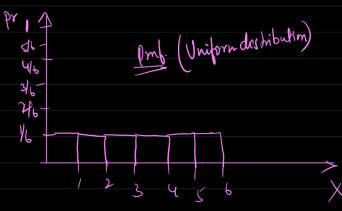
(p mf

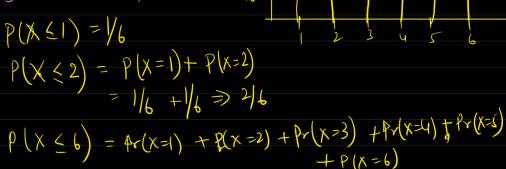
> Discrete random variable

eg. Rolling a dice \$1,2,3,4,5,6}

$$\begin{array}{l}
Pr(1) = \frac{1}{6} \\
Pr(2) = \frac{1}{6} \\
Pr(3) = \frac{1}{6}
\end{array}$$

$$\begin{array}{l}
Pr(3) = \frac{1}{6} \\
Pr(4) = \frac{1}{6} \\
Pr(5) = \frac{1}{6} \\
Pr(6) = \frac{1}{6}
\end{array}$$





Cumulative Prob.

Cd

+ P(x=6)

