$P(\cdot)$

random variable (RV)

X

CH5 Given

$P(\{\omega\})$,

find $P(A)$.

CH8 Given

pmf $\equiv P_X(x) \equiv P[X = x]$,

find $P\left[\begin{array}{l}\text{statement(s)}\\\text{about } X\end{array}\right]$

$\underbrace{\qquad\qquad}$

$X(\omega)$

CH 7

$\{\omega$ that satisfies the statement(s)$\}$

cdf $\equiv F_X(x) \equiv P[X \leq x]$