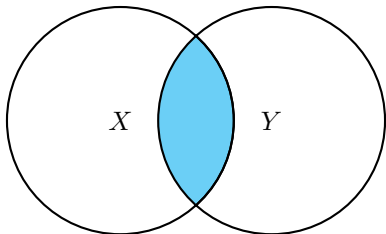


S 

$P(X \cap Y)$ is the same as $X \& Y$