

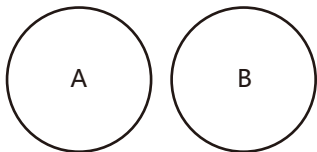
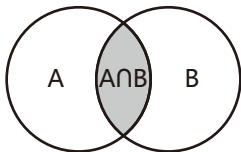
能否 A和B 都发生?

yes

no

非互斥

互斥



$A \cap B \stackrel{?}{=} P(A) \cdot P(B)$

$P(A \cap B) = \Phi$
 $P(A \cup B) = P(A) + P(B)$

yes

no

独立事件

非独立事件

independent event

Not independent event

$P(A \cap B) = P(A) \cdot P(B)$

$P(A \cap B) = P(A) \cdot P(B|A)$