If independent,
then
$$P(A \cap B) = P(A) \cdot P(B)$$
 $P(A \mid B) = P(A)$

Always,
 $P(A \cap B) = P(A) + P(B) - P(A \cap B)$
 $P(A \cap B) = P(A) + P(B) - P(A \cup B)$
 $P(A \cap B') = I - P(A \cup B)$
 $P(A \cap B') = P(A) - P(A \cap B)$
 $P(A \cap B') = P(A \cap B)$
 $P(B) = P(A \cap B)$
 $P(B) = P(B) \cdot P(A \mid B)$

If mutually exclusive,

PLANB) = 0