



## Probability Union, Intersection, Complement - Set Operation to Formula

1 Select the formula for this probability operation  $P(A \cup B)$

A  $\frac{P(A \cap B)}{P(B)}$

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

C  $P(A) + P(B) - P(A \cap B)$

2 Select the formula for this probability operation

$P(A')$

A  $\frac{P(A \cap B)}{P(B)}$

B  $P(A) + P(B) - P(A \cap B)$

C  $1 - P(A)$

3 Select the formula for this probability operation  $P(A \cap B)$

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

B  $1 - P(A)$

C  $P(A) + P(B) - P(A \cap B)$