



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

**1** Select the set operation that this probability formula calculates

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

A	$P(A \cup B)$	B	$P(A')$
C	$P(A \cap B)$		

**2** Select the set operation that this probability formula calculates

$$1 - P(A)$$

A	$P(A')$	B	$P(A B)$
C	$P(A \cap B)$		

**3** Select the set operation that this probability formula calculates

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

A	$P(A B)$	B	$P(A \cup B)$
C	$P(A')$		