



Probability Union, Intersection, Complement - Set Operation to Formula

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

^A $P(A) + P(B) - P(A \cap B)$ ^B $1 - P(A)$

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

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

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

^C $1 - P(A)$

3 Select the formula for this probability operation

^A $1 - P(A)$

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

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