



Probability Union, Intersection, Complement - Description to Formula

<p>1</p> <p>Select the formula to calculate the probability operation being described</p> <p>Either A or B happening</p>	<p>A $1 - P(A)$</p> <p>B $\frac{P(A \cap B)}{P(B)}$</p> <p>C $P(A) + P(B) - P(A \cap B)$</p>	<p>2</p> <p>Select the formula to calculate the probability operation being described</p> <p>Event A happening, given that B has happened</p>	<p>A $\frac{P(B \cap A)}{P(A)}$</p> <p>B $P(A) + P(B) - P(A \cap B)$</p> <p>C $\frac{P(A \cap B)}{P(B)}$</p>
<p>3 Select the formula to calculate the probability operation being described</p> <p>Both A and B happening</p>	<p>A $P(A) \cdot P(B)$</p> <p>B $\frac{P(A \cap B)}{P(B)}$</p> <p>C $1 - P(A)$</p>	<p>4</p> <p>Select the formula to calculate the probability operation being described</p> <p>Event A not happening</p>	<p>A $P(A) + P(B) - P(A \cap B)$</p> <p>B $\frac{P(A \cap B)}{P(B)}$</p> <p>C $1 - P(A)$</p>