



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

<p>1 Select the set operation that this probability formula calculates</p> $1 - P(A)$ <table border="1" data-bbox="34 556 787 724"> <tr> <td>A</td> <td><math>P(A')</math></td> <td>B</td> <td><math>P(A B)</math></td> </tr> <tr> <td>C</td> <td><math>P(A \cup B)</math></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>	A	$P(A')$	B	$P(A B)$	C	$P(A \cup B)$							<p>2 Select the set operation that this probability formula calculates</p> $\frac{P(A \cap B)}{P(B)}$ <table border="1" data-bbox="787 304 1554 724"> <tr> <td>A</td> <td><math>P(A \cup B)</math></td> <td>B</td> <td><math>P(A B)</math></td> </tr> <tr> <td>C</td> <td><math>P(A \cap B)</math></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>	A	$P(A \cup B)$	B	$P(A B)$	C	$P(A \cap B)$						
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<p>3 Select the set operation that this probability formula calculates</p> $P(A) \cdot P(B)$ <table border="1" data-bbox="34 724 787 1138"> <tr> <td>A</td> <td><math>P(A')</math></td> </tr> <tr> <td>B</td> <td><math>P(A \cap B)</math></td> </tr> </table>	A	$P(A')$	B	$P(A \cap B)$	<p>4 Select the set operation that this probability formula calculates</p> $P(A) + P(B) - P(A \cap B)$ <table border="1" data-bbox="787 724 1554 1138"> <tr> <td>A</td> <td><math>P(A \cup B)</math></td> <td>B</td> <td><math>P(A \cap B)</math></td> </tr> <tr> <td>C</td> <td><math>P(A B)</math></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>	A	$P(A \cup B)$	B	$P(A \cap B)$	C	$P(A B)$														
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