



Probability Events - Mutually Exclusive Events to Probability of Union

<p>1</p> <p>Which expression gives $P(A \cup B)$?</p> <p>Suppose events A and B are mutually exclusive.</p> <p>A $P(A \cup B) = P(A) + P(B)$</p> <p>B $P(A \cup B) = P(A) + P(B) - P(A \cap B)$ (where $P(A \cap B) > 0$)</p> <p>C Neither of these</p>	<p>2</p> <p>Which expression gives $P(A \cup B)$?</p> <p>Events A and B can both occur, so they are not mutually exclusive.</p> <p>A $P(A \cup B) = P(A) + P(B)$</p> <p>B $P(A \cup B) = P(A) + P(B) - P(A \cap B)$ (where $P(A \cap B) > 0$)</p> <p>C Neither of these</p>
<p>3</p> <p>Which expression gives $P(A \cup B)$?</p> <p>It is given that events A and B are mutually exclusive.</p> <p>A $P(A \cup B) = P(A) + P(B)$</p> <p>B $P(A \cup B) = P(A) + P(B) - P(A \cap B)$ (where $P(A \cap B) > 0$)</p> <p>C Neither of these</p>	<p>4</p> <p>Which expression gives $P(A \cup B)$?</p> <p>Event A and event B are mutually exclusive.</p> <p>A $P(A \cup B) = P(A) + P(B)$</p> <p>B $P(A \cup B) = P(A) + P(B) - P(A \cap B)$ (where $P(A \cap B) > 0$)</p> <p>C Neither of these</p>
<p>5</p> <p>Which expression gives $P(A \cup B)$?</p> <p>A and B are not mutually exclusive events.</p> <p>A $P(A \cup B) = P(A) + P(B)$</p> <p>B $P(A \cup B) = P(A) + P(B) - P(A \cap B)$ (where $P(A \cap B) > 0$)</p> <p>C Neither of these</p>	<p>6</p> <p>Which expression gives $P(A \cup B)$?</p> <p>Event A and event B are not mutually exclusive.</p> <p>A $P(A \cup B) = P(A) + P(B)$</p> <p>B $P(A \cup B) = P(A) + P(B) - P(A \cap B)$ (where $P(A \cap B) > 0$)</p> <p>C Neither of these</p>
<p>7</p> <p>Which expression gives $P(A \cup B)$?</p> <p>A and B are a pair of events that are not mutually exclusive.</p> <p>A $P(A \cup B) = P(A) + P(B)$</p> <p>B $P(A \cup B) = P(A) + P(B) - P(A \cap B)$ (where $P(A \cap B) > 0$)</p> <p>C Neither of these</p>	<p>8</p> <p>Which expression gives $P(A \cup B)$?</p> <p>Two events, A and B, are mutually exclusive.</p> <p>A $P(A \cup B) = P(A) + P(B)$</p> <p>B $P(A \cup B) = P(A) + P(B) - P(A \cap B)$ (where $P(A \cap B) > 0$)</p> <p>C Neither of these</p>