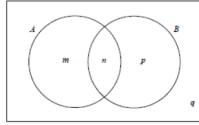


IB Statistics and Probability Problem 007

The Venn diagram below shows events A and B , where $P(A) = 0.3$, $P(A \cup B) = 0.6$ and $P(A \cap B) = 0.1$.

The values m , n , p and q are probabilities.



- A.
- i. Write down the value of n .
 - ii Find the value of m , p and q .
- B. Find $P(B)$.