

7 You are given that $P(A) = 0.6$, $P(B) = 0.5$ and $P(A \cup B)' = 0.2$.

(a) Find $P(A \cap B)$. [2]

(b) Find $P(A | B)$. [2]

(c) State, with a reason, whether A and B are independent. [1]