

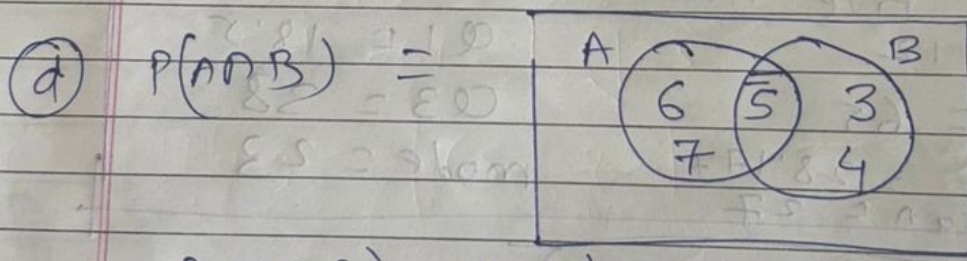
0.12

Probability

$$\begin{aligned} \textcircled{a} \quad P(A) &= \text{more than 4 day} \\ &= P(5) + P(6) + P(7) \\ &= 0.41 + 0.20 + 0.07 \\ \boxed{P(A) &= 0.68} \end{aligned}$$

$$\begin{aligned} \textcircled{b} \quad P(B) &= \text{less than 6 days} \\ &= P(3) + P(4) + P(5) \\ &= 0.08 + 0.24 + 0.41 \\ \boxed{P(B) &= 0.73} \end{aligned}$$

$$\begin{aligned} \textcircled{c} \quad P(A^c) &= 1 - P(A) \\ &= 1 - 0.68 \\ \boxed{P(A^c) &= 0.32} \end{aligned}$$



$$P(A \cap B) = P(5) = 0.41$$

$$\begin{aligned} \textcircled{e} \quad P(A \cup B) &= P(A) + P(B) - P(A \cap B) \\ &= 0.68 + 0.73 - 0.41 \\ \boxed{P(A \cup B) &= 1} \Rightarrow \text{entire Sample Space} \end{aligned}$$