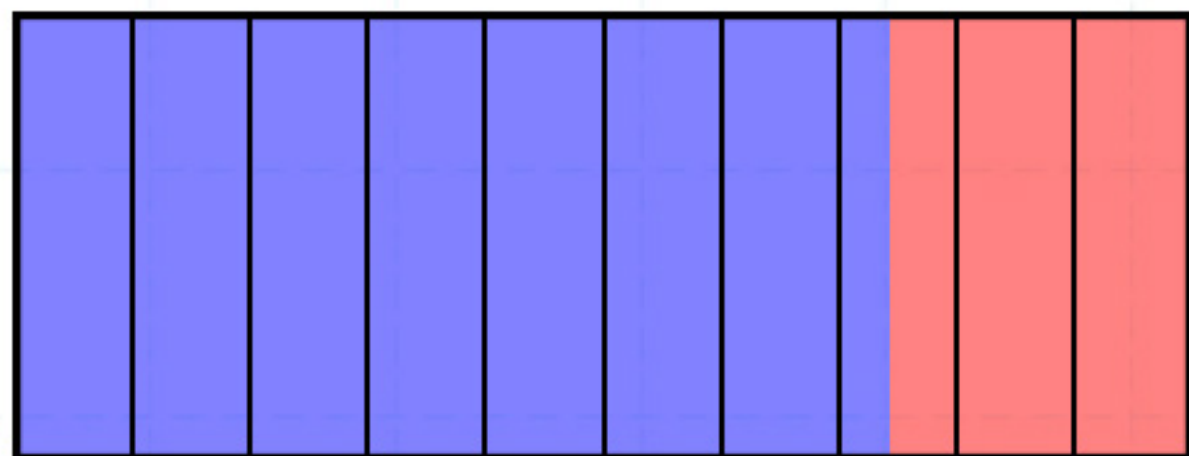


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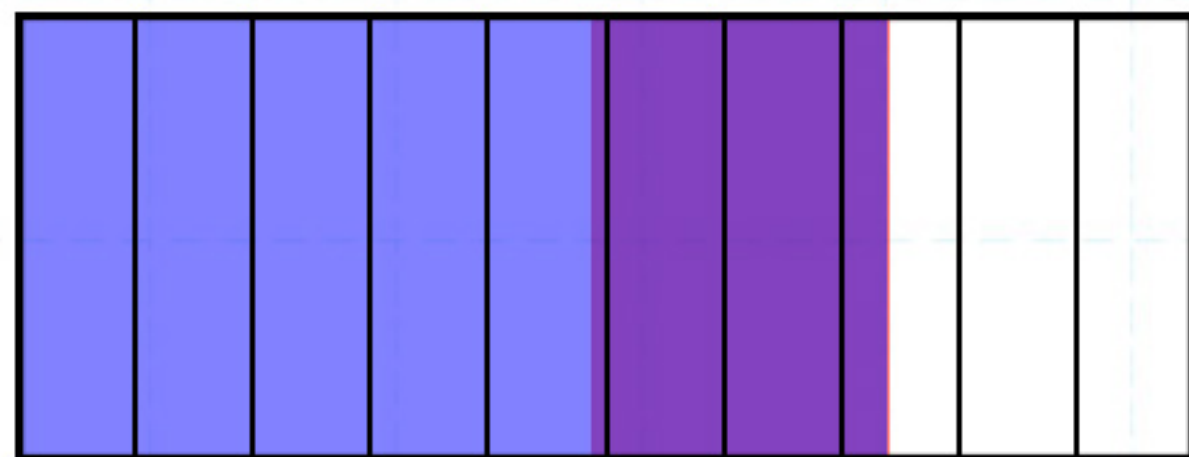
Sejam dois eventos quaisquer A e B contidos em um espaço amostral de modo que $P(A) = 0,75$ e $P(B) = 0,25$. Determine os maiores e menores valores possíveis para $P(A \cap B)$ e $P(A \cup B)$. Represente cada uma das quatro situações com um diagrama.



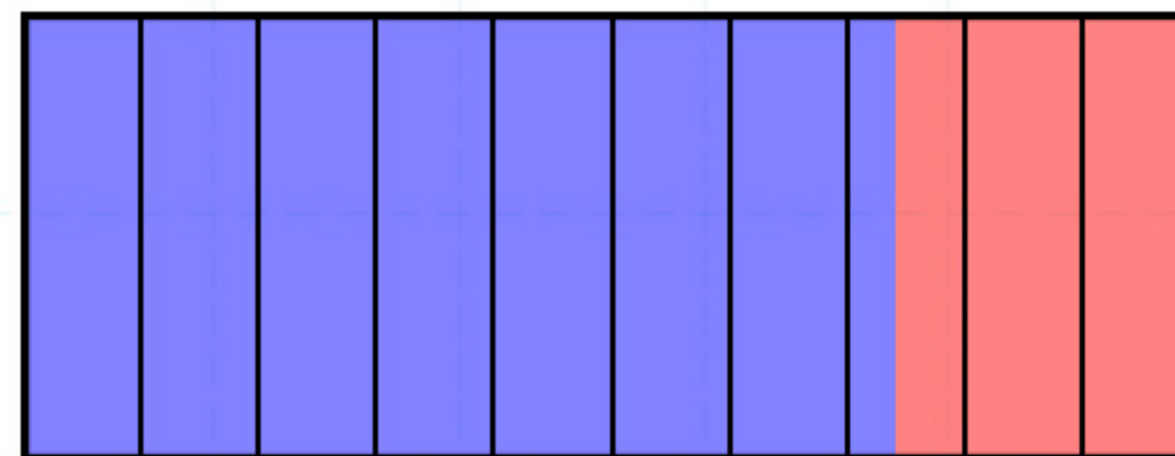
$$\begin{aligned} \min P(A \cap B) &= \\ &= 0 // \end{aligned}$$



$$\begin{aligned} \min P(A \cup B) &= \\ &= 0,75 // \end{aligned}$$



$$\begin{aligned} \max P(A \cap B) &= \\ &= 0,25 // \end{aligned}$$



$$\begin{aligned} \max P(A \cup B) &= \\ &= 1 // \end{aligned}$$