

SUCCESS

$$P(\bar{A}) = 0.5$$

β

$$P(\bar{B}) = 0.25$$

(1) $\frac{1}{2} \leq \frac{1}{2} \leq \frac{1}{2}$

$$P(\bar{C}) = 0.15$$

$$P(A) = 0.5 \quad P(B) = 0.75 \quad P(C) = 0.85$$

LL₂: "La llamada recibida es para A"

$L_L =$ "La llamada" B'
 $L_B =$ "....." C

$$LL_C = \frac{1}{2} \left(\frac{1}{\mu} + \frac{1}{\mu'} \right)$$

$$P(LL_1) = \frac{1}{5} \quad P(LL_3) = P(LL_4) = \frac{2}{5}$$

$$a) \text{ a.) } P(A \cup B \cup C) = 1 - P(\bar{A} \cap \bar{B} \cap \bar{C}) = 1 - \overset{\text{indep}}{=} 1 - \frac{1}{8} = \frac{7}{8}$$