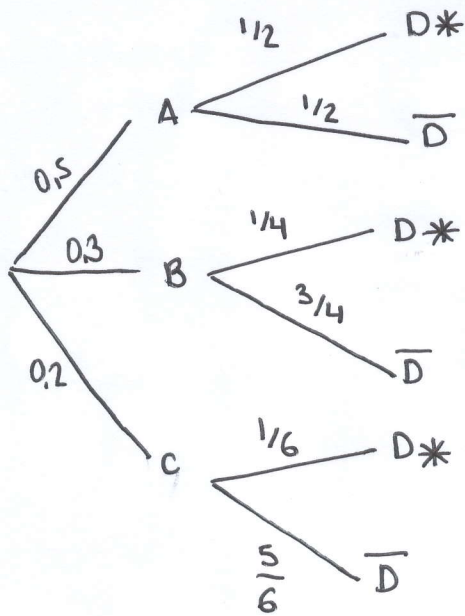


PREGUNTA 4:

D = "defectuoso"



a) $P(A \cap D) = 0,5 \cdot \frac{1}{2} = 0,25$

b) $P(D) = 0,5 \cdot \frac{1}{2} + 0,3 \cdot \frac{1}{4} + 0,2 \cdot \frac{1}{6} = \frac{43}{120}$ (35,83%)

c) $P(C/\bar{D}) = \frac{P(C \cap \bar{D})}{P(\bar{D})} =$

$$= \frac{0,2 \cdot \frac{5}{6}}{1 - \frac{43}{120}} = \frac{20}{77} \quad (25,97\%)$$