

P(2A zules of 1 verde) =
$$\frac{3}{10}$$
 = $\boxed{0,3}$

3) $M = S$ X: me de arrientos de fectus sos

 $P = 0.0S$ $Q = 0.9S$ X N Bi $(S, 0.0S)$

P(X \(\perceq 2\)) = $P(X = 0) + P(X = 1) + P(X = 2)$
 $C_{S_1} 0.0, 0.0S^0.0.9S^0 + ... = \boxed{0,998}$

A too Po soo P(D) = $\frac{9.00 + 300}{10000} = \boxed{0,2479}$
 $P(B) = \frac{3000}{0,121} = \boxed{0,2479}$
 $E = 10.000$

1)
$$C$$
: estudiante de Cordobs $P(E/C) = 0,90$
 L : estudiante del literal $P(E/L) = 0,40$
 E : $E \times 1 \times 0$ (Apune be)

a)
$$P(E) = P(E/C) \cdot P(C) + P(E/C) \cdot P(L)$$

 $O_{1}Q_{1} \cdot \frac{10}{30} + O_{1}Y_{2} \cdot \frac{20}{30} = 930 + 0,46Y$
 $P(E) = [0,767]$ prob-total de 6 xu'to

b)
$$P(c/E) = P(cnE) = \frac{0.30}{P(E)} = \frac{0.30}{0.467}$$

2)
$$X: m_2$$
 de chievres que sugresson en en lua ham
 $X N P_{\lambda=15}$
 $P(x=5) = \frac{e^{-15}.15}{5!} = 0,001936$

3)
$$Vasos$$
 | Susos | R. Se Rompe en us so Rayado | L. Se Rompe en us so liso | E = $\left\{ (l, l); (R, R); (LR); (R, L) \right\}$ | P(al news us sea liso) = $1 - P(aubos rayados)$ | = $1 - P(R \cap R)$ | = $1 - \left(\frac{3}{6}, \frac{2}{7}\right) \approx \left[0,893\right]$