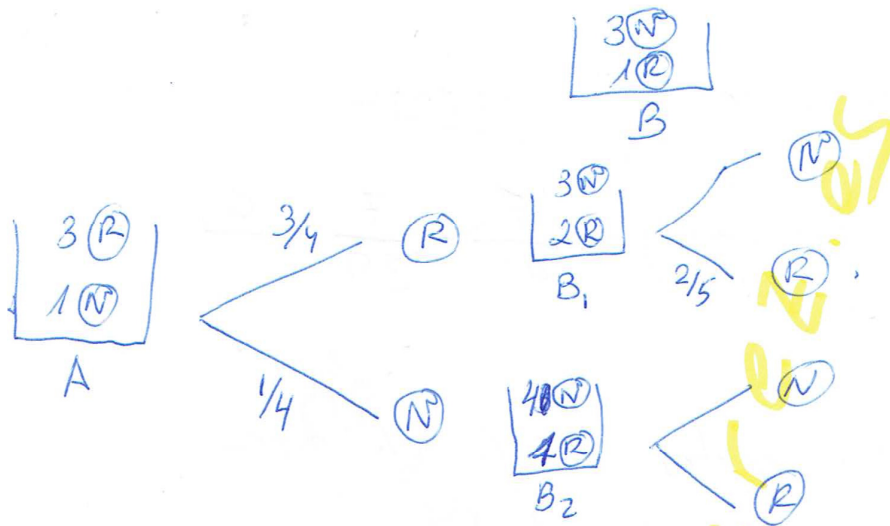


4/



$$P(\text{ambas rojas}) = \frac{3}{4} \cdot \frac{2}{5} = \frac{3}{10}$$

5/

	Eur	Afr	Ame	
Big	2	6	4	12
No Big	8	4	6	18
	10	10	10	30

Big/Afr significa: sabiendo que es africano que lleve bigote

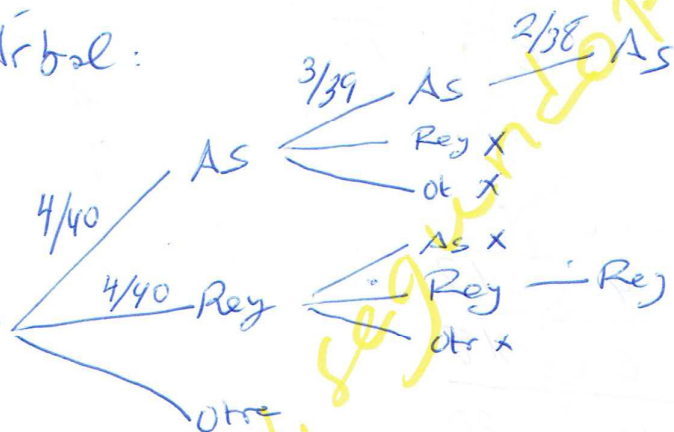
Afr/Big → " : sabiendo que lleva bigote que sea africano

$$P(\text{Big/Afr}) = \frac{6}{10} = \frac{3}{5}$$

$$P(\text{Afr/Big}) = \frac{6}{12} = \frac{1}{2}$$

6) Extraer tres cartas de la baraja
 Las tres ases o los tres reyes

Árbol:



$$P(3A \cup 3R) = \frac{4}{40} \cdot \frac{3}{39} \cdot \frac{2}{38} + \frac{4}{40} \cdot \frac{3}{39} \cdot \frac{2}{38} = \frac{1}{1235} = 0,00008$$