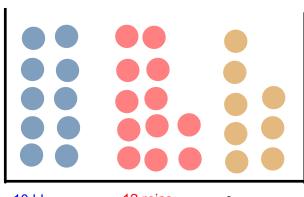
## Con reemplazo

Primera extracción

Segunda extracción

"Sacar una bola blanca en la primera extracción y una bola negra en la segunda extracción reemplazando la primera<sub>"</sub>.



10 blancas 12 rojas

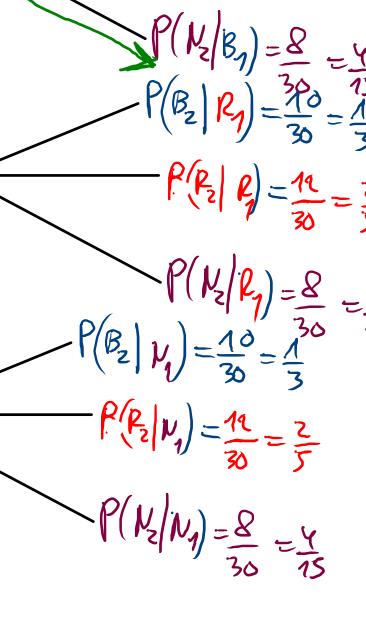
8 negras

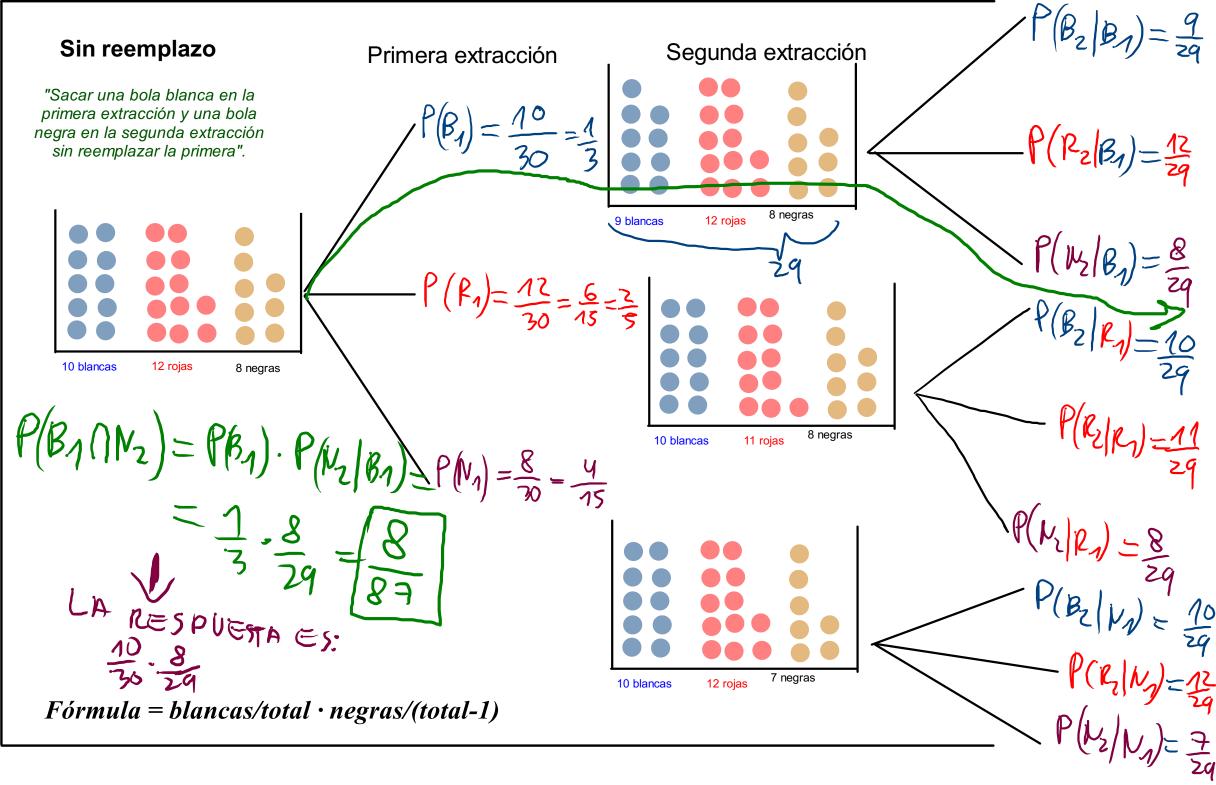
$$P(P_1) = \frac{12}{30} = \frac{6}{15} = \frac{2}{5}$$

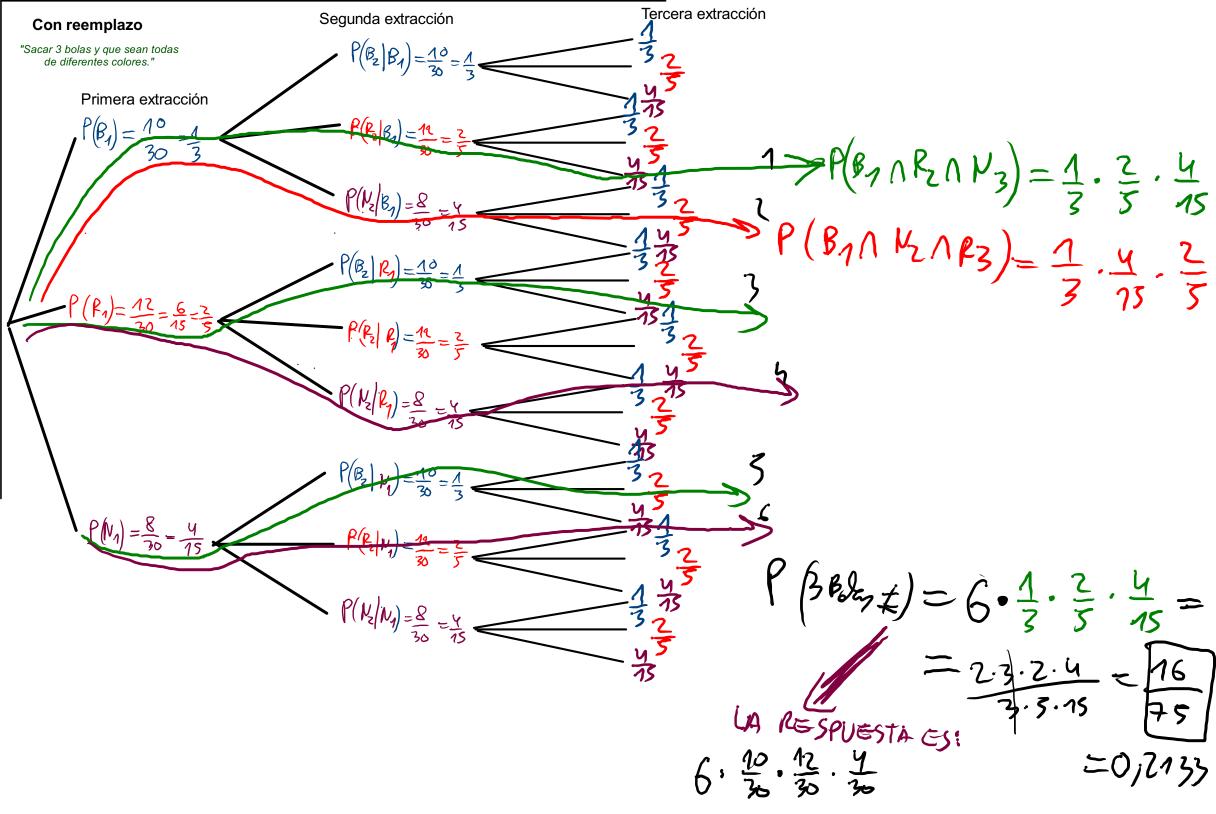
$$P(B_1 \cap N_2) = P(B_1) \cdot P(N_2 \mid B_1) = \frac{1}{2} \cdot \frac{4}{3} = \frac{1}{4}$$

LA REGUESTA ES:

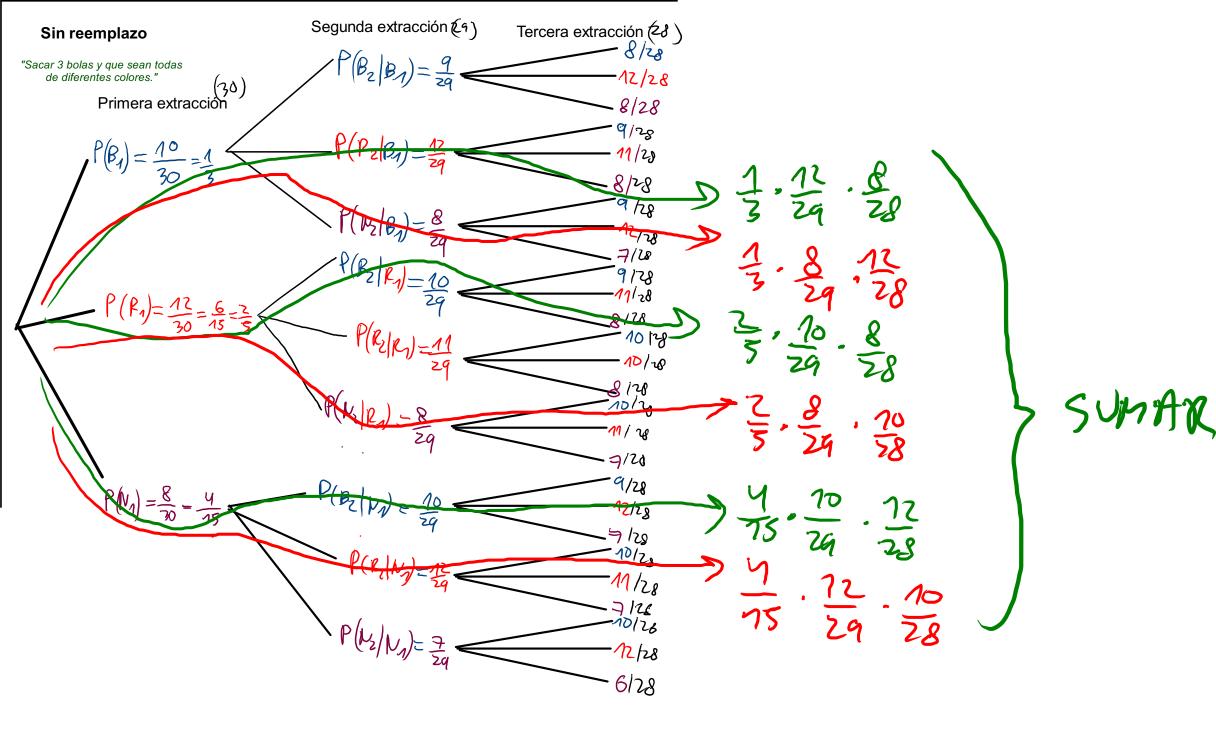
Fórmula = blancas/total · negras/total

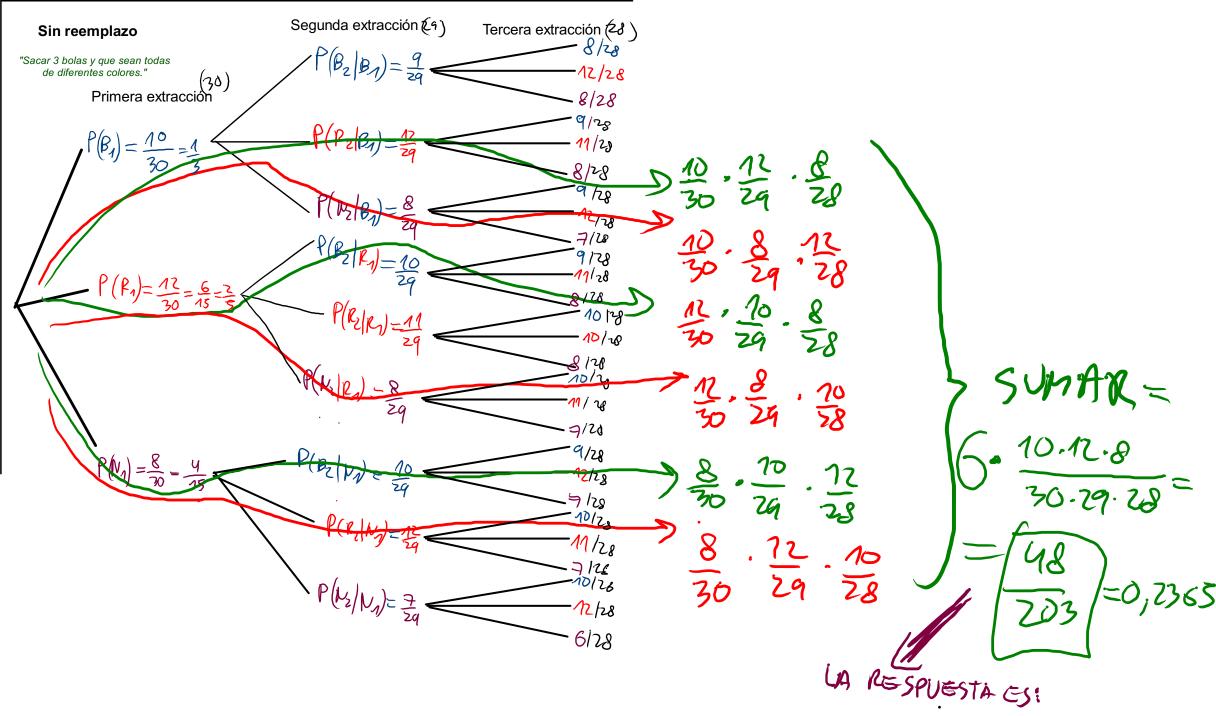






 $F\'{o}rmula = 6 \cdot blancas/total \cdot rojas/total \cdot negras/total$ 





 $F\'{o}rmula = 6 \cdot blancas/total \cdot rojas/(total-1) \cdot negras/(total-2)$