

Erick Ramirez Cobalero

1: 40 participantes 10 cuponeras

$$a) \frac{1}{40} = 0.025 = \underline{2\%}$$

$$b) \frac{1}{39} = 0.02564 = \underline{2\%}$$

$$c) \frac{10}{40} = 0.25 = \underline{25\%}$$

2: Trillizos

$$a) 50\% - 12\%$$

$$b) 50\% - 12\%$$

3: Uno es femenino

$$a) \frac{1}{2} + \frac{1}{2} = \frac{1}{4} = 0.25 = 25\%$$

$$b) 0.5 \cdot 0.25 = 0.125 \quad P(A|B) = \frac{P(A \cap B)}{P(B)} = \frac{0.125}{0.25} \\ = 0.5 = \underline{50\%}$$

4 30 piezas 8 orco 9 vainilla 13 rompopo

$$a) \text{ orco } \frac{8}{30} = 0.26 = 26\% \quad \text{rompopo } \frac{13}{30} = 0.43 = 43\%$$

$$b) \text{ vainilla } \frac{9}{17} = 0.52 = \underline{52\%} \quad \text{orco } \frac{8}{17} = 0.47 = 47\%$$