

$52C5 = 2598960$ total de combinaciones posibles

Escalera

$$\text{Color} = \frac{10C1 \cdot 4C1}{52C5} = 0,00002 = 0,002\%$$

$$\text{Escalera} = \frac{(10C1)(4C1)^5 - (10C1)(4C1)}{52C5} = 0,004 = 0,4\%$$

$$\text{Color} = \frac{(13C5)(4C1)}{52C5} = 0,0019 \approx 0,2\%$$

$$\text{Poker} = \frac{(13C1)(4C4)(12C1)(4C1)}{52C5} = 0,00024 = 0,024\%$$

$$\text{Full} = \frac{(13C1)(4C3)(12C1)(4C2)}{52C5} = 0,0014 = 0,14\%$$

$$\text{Trio} = \frac{(13C1)(4C3)(12C2)(4C1)(4C1)}{52C5} = 0,021 = 2,1\%$$

$$\text{Doble Pareja} = \frac{(13C2)(4C2)(4C2)(11C1)(4C1)}{52C5} = 0,046 = 4,6\%$$

$$\text{Pareja} = \frac{(13C1)(4C2)(12C3)(4C1)(4C1)(4C1)}{52C5} = 0,423 = 42,3\%$$