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EXPERIENCIAS ALEATORIAS

$$A = \{10, 1C, 1E, 1B\}$$

$$E = \{1E, 2E, 3E, 4E, 5E, 6E, 7E, 8E, CE, RE\}$$

$$S = \{SO, SC, SE, SB\}$$

$$F = \{SO, CO, RO, SC, CC, RC, SE, CE, RE, SB, CB, RB\}$$

$$\begin{cases} S \rightarrow \text{sota} \\ C \rightarrow \text{caballo} \\ R \rightarrow \text{rey} \\ O \rightarrow \text{oros} \\ E \rightarrow \text{Copas} \\ E \rightarrow \text{Espadas} \\ B \rightarrow \text{Bastos} \end{cases}$$

$$A \cap E = \{1E\}$$

$$S \cap F = \{SO, SC, SE, SB\}$$

$$A \cup F \cup S = \{10, 1C, 1E, 1B, SO, CO, RO, SC, CC, RC, SE, CE, RE, SB, CB, RB\}$$

$$A \cap E \cap (F - S) = A \cap E \cap S = \emptyset$$

a F le tengo que quitar todo lo que no sean sotas = S quedan todas las sotas.

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$$A = \{\text{roja, azul}\}$$

$$B = \{\text{azul}\} \quad (\text{porque verdes no hay})$$

$$C = \{\text{amarilla}\}$$

$$E = \{\text{roja, azul, amarilla}\}$$

$$A \cup B = \{\text{roja, azul}\}$$

$$\bar{A} = \{\text{amarilla}\}$$

$$\bar{B} = \{\text{roja, amarilla}\}$$

$$\bar{C} = \{\text{roja, azul}\}$$

$$\overline{A \cup B} = \{\text{amarilla}\}$$

complemento de la unión de A y B

$$\bar{B} \cap \bar{A} = \{\text{roja, amarilla}\} \cap \{\text{amarilla}\} = \{\text{amarilla}\}$$