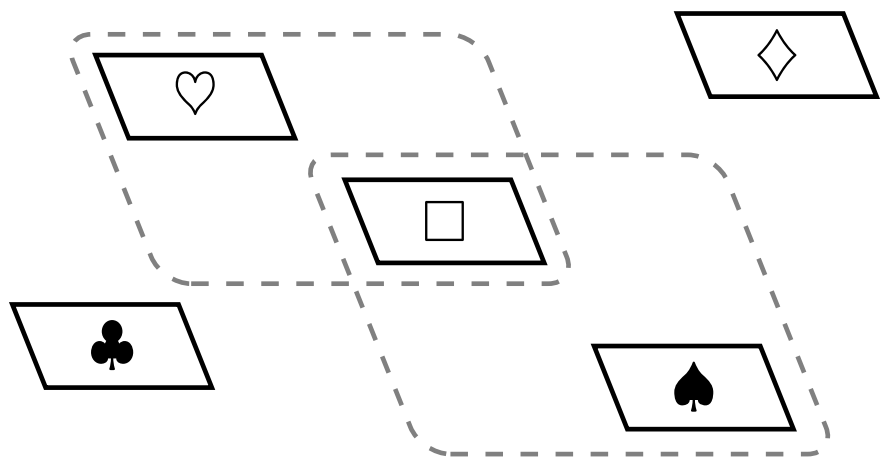
$$\mathsf{x}_1 \cup \mathsf{x}_2 = \{x_\square, x_\heartsuit, x_\spadesuit\}$$

$\mathsf{x}_1 = \{x_\square, x_\heartsuit\}$



$\mathsf{x}_2 = \{x_\square, x_\spadesuit\}$

$$\mathsf{x}_1 \cap \mathsf{x}_2 = \{x_\square\}$$