

### Hoja de trabajo

Dado el conjunto universo  $U = \{0,1,2,3,4,5,6,7,8,9\}$  y los conjuntos.

$$A = \{1,4,7,9\}$$

$$B = \{2,4,6\}$$

$$C = \{4,5,6,7\}$$

$$D = \{2\}$$

$$E = \{3\}$$

Una con una línea.

$$= \{1,7,9\}$$

$$A \cup B =$$

$$= \{1,2,4,6,7,9\}$$

$$D \cap E =$$

$$= \{1,4,7,9\}$$

$$A' =$$

$$= \{1,2,4,6,7,9\}$$

$$B' =$$

$$= \{0,1,3,5,7,8,9\}$$

$$A \cup B =$$

$$= \{0,2,3,5,6,8\}$$

$$D' =$$

$$= \emptyset$$

$$A - B =$$

$$= \{1,4,6,7,9\}$$

$$A - D =$$

$$= \{5,7\}$$

$$C - B =$$

$$= \{4,6\}$$

$$B \cap C$$

$$= \emptyset$$

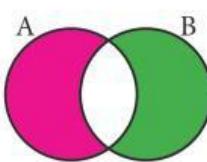
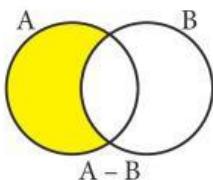
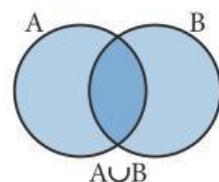
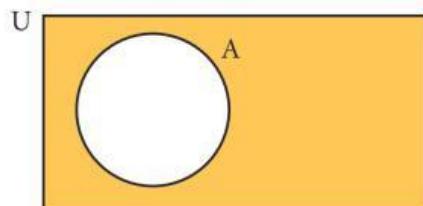
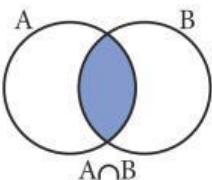
$$E \cap C$$

$$= \{0,1,3,4,5,6,7,8,9\}$$

$$A \cup (B \cap C)$$

# OPERACIONES CON CONJUNTOS

OPERACIONES CON CONJUNTOS. Arrastra el título con la gráfica respectiva.



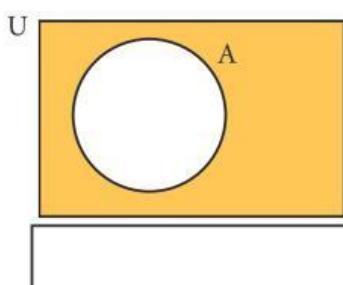
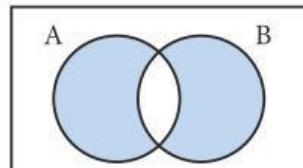
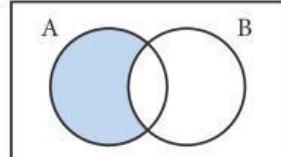
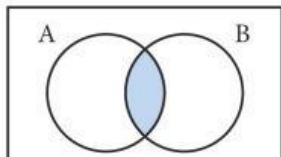
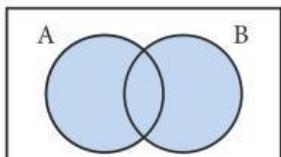
1. Unión

2. Intersección

3. Diferencia

4. Diferencia simétrica

5. Complemento



$A \cup B$

$A \Delta B = (A \cup B) - (A \cap B)$

$A - B$

$A^c$

$A \cap B$