

PRACTICAMOS OPERACIONES CON CONJUNTOS

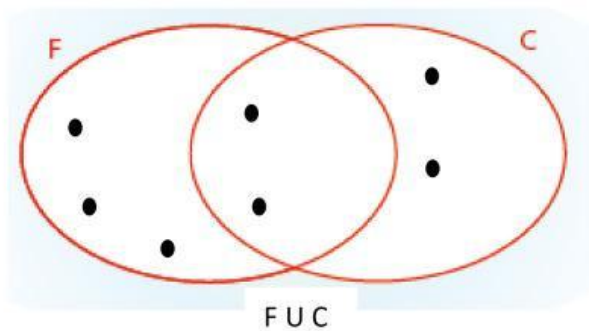
Recuerda: Al resolver cada actividad debes ordenar los elementos de menor a mayor.

1. Sean: $F = \{1; 2; 3; 4; 5\}$

$C = \{2; 4; 6; 8\}$

Hallar: $F \cup C = \{ \quad \quad \quad \}$

Gráficamente:



Completa los
elementos y colorea
los gráficos.

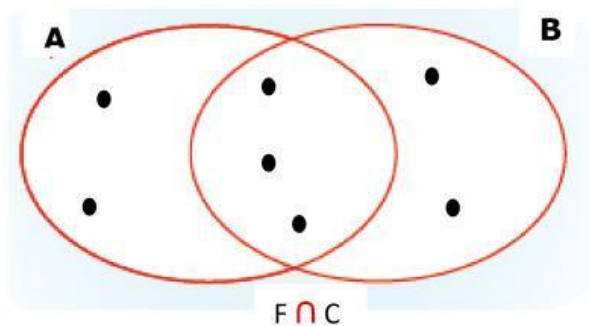


2. Sean: $A = \{4; 6; 8; 10; 12\}$

$B = \{4; 8; 12; 16; 20\}$

Halla $A \cap B = \{ \quad \quad \quad \}$

Gráficamente:



3. Sean los conjuntos:

$A = \{1; 3; 5; 7\}$

$B = \{2; 4; 6; 8\}$

$C = \{3; 4; 5; 6\}$

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

$A \cap C = \{ \quad \quad \quad \}$

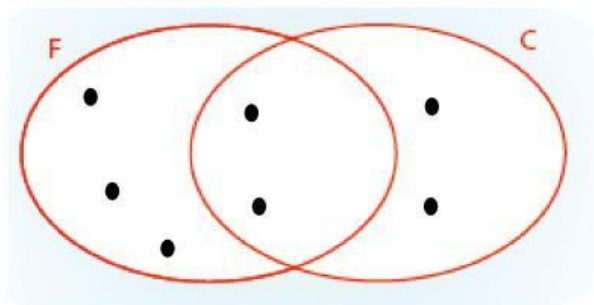
$B \cap C = \{ \quad \quad \quad \}$

$(A \cap C) \cup (B \cap C) = \{ \quad \quad \quad \}$

4. Sean: $F = \{0; 1; 2; 3; 4\}$
 $C = \{2; 4; 6; 8\}$

Hallar: $F - C = \{ \underline{\hspace{2cm}} \}$

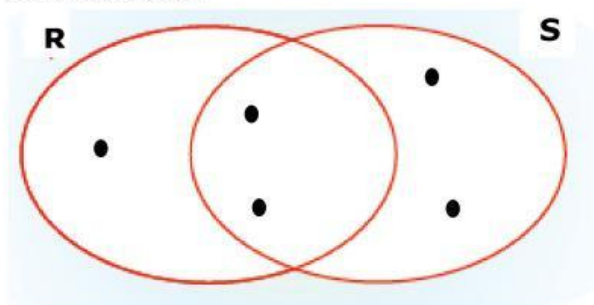
Gráficamente:



5. Sean: $R = \{8; 10; 12\}$
 $S = \{4; 8; 12; 16\}$

Halla $S - R = \{ \underline{\hspace{2cm}} \}$

Gráficamente:



6. Sean los conjuntos:

$$M = \{x \in \mathbb{N} / x < 4\}$$

$$M = \{ \underline{\hspace{2cm}} \}$$

$$N = \{x \in \mathbb{N} / x \text{ es impar} \wedge x < 10\}$$

$$N = \{ \underline{\hspace{2cm}} \}$$

$$D = \{x + 5 / x \in \mathbb{N}, 2 \leq x < 6\}$$

$$D = \{ \underline{\hspace{2cm}} \}$$

Halla: $(M - N) \cup (D - N)$

$$M - N = \{ \underline{\hspace{2cm}} \}$$

$$D - N = \{ \underline{\hspace{2cm}} \}$$

$$(M - N) \cup (D - N) = \{ \underline{\hspace{2cm}} \}$$