

## REFERENCIA



## BIBLIOGRAFICAS

- Materia: probabilidad y estadística
- Carrera: Enfermería
- Semestre/cuatri: 5to
- Nombre del alumno: Limberg David  
Velasco Domínguez
- Nombre del profesor: Albores Aguilar  
Jorge Enrique
- Grupo: A;23

- DAVID VELAZCO

⇒ JORGE ENRIQUE

⇒ PROBABILIDAD

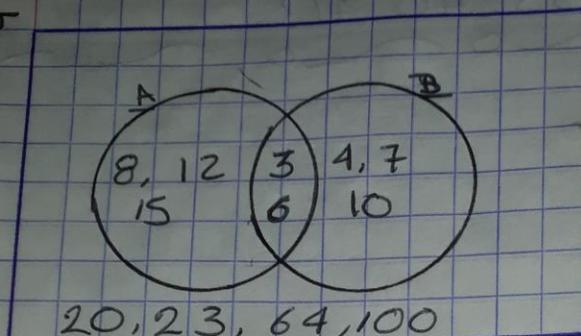
~~calidad~~

ALBORES AGUILAR.

Y ESTADISTICA

28/08/2021

U



⇒ EJERCICIO 1

- DATOS

$$U = \{3, 4, 6, 7, 8, 10, 12, 15, 20, 23, 64, 100\}$$

$$A = \{3, 6, 8, 12, 15\}$$

$$B = \{3, 4, 6, 7, 10\}$$

$$A \cup B = \{3, 4, 6, 7, 8, 10, 12, 15\}$$

$$A \cap B = \{3, 6\}$$

$$A - B = \{8, 12, 15\}$$

$$B - A = \{4, 7, 10\}$$

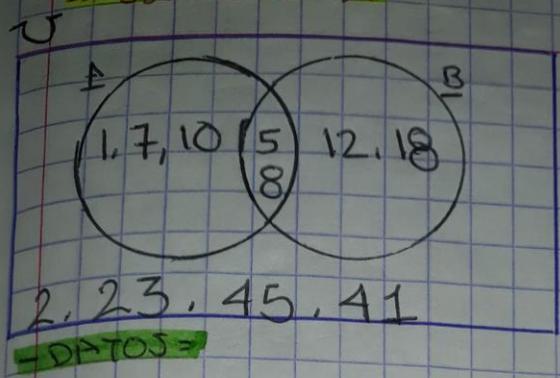
$$A^c = \{3, 6, 8, 12, 15\}$$

$$B^c = \{3, 4, 6, 7, 10\}$$

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⇒ EJERCICIO 2

~~metodo~~

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$$U = \{1, 2, 5, 7, 8, 10, 12, 18, 23, 41, 45\}$$

$$A = \{1, 5, 7, 8, 10\}$$

$$B = \{5, 8, 12, 18\}$$

$$A \cup B = \{1, 5, 7, 8, 10, 12, 18\}$$

$$A \cap B = \{5, 8\}$$

$$A - B = \{1, 7, 10\}$$

$$B - A = \{12, 18\}$$

$$A^c = \{2, 3, 4, 6, 9, 11, 13, 14, 15, 16, 17, 19, 20, 21, 22, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 42, 43, 44, 46, 47, 48, 49, 50\}$$

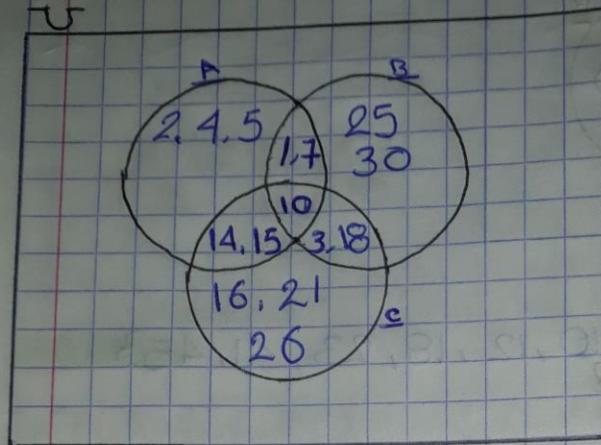
$$B^c = \{1, 2, 3, 4, 6, 7, 9, 10, 11, 13, 14, 15, 16, 17, 19, 20, 21, 22, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 42, 43, 44, 46, 47, 48, 49, 50\}$$

- David Velasco

Instituto

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### ⇒ EJERCICIO 3

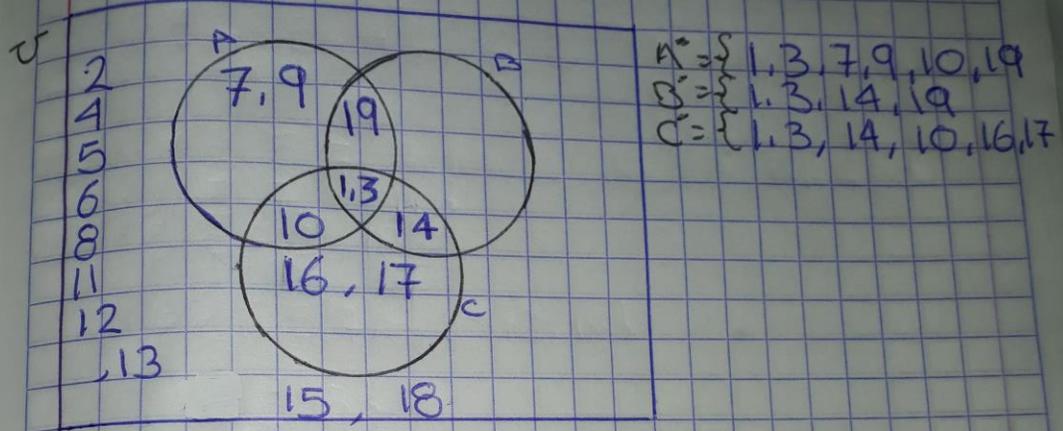


- DATOS =

- $U = \{1, 2, 3, 4, 5, 7, 10, 14, 15, 16, 18, 21, 25, 26, 30\}$
- $A = \{1, 2, 4, 5, 7, 10, 14, 15\}$
  - $B = \{1, 3, 7, 10, 18, 25, 30\}$
  - $C = \{3, 10, 14, 15, 16, 18, 21, 26\}$
  - $A \cup B = \{1, 2, 3, 4, 5, 7, 10, 14, 15, 18, 25, 30\}$
  - $A \cup C = \{1, 2, 3, 4, 5, 7, 10, 14, 15, 16, 18, 21, 26\}$
  - $B \cup C = \{1, 3, 7, 10, 14, 15, 16, 18, 21, 25, 26, 30\}$
  - $A \cap B = \{7, 10\}$
  - $A \cap C = \{10, 14, 15\}$
  - $B \cap C = \{3, 10, 18\}$
  - $A \cap B \cap C = \{10\}$
  - $A - B = \{2, 4, 5, 14, 15\}$
  - $A - C = \{1, 2, 4, 5, 7\}$
  - $B - C = \{1, 7, 25, 30\}$
  - $C - A = \{3, 16, 18, 21, 26\}$
  - $A^c = \{1, 2, 4, 5, 7, 10, 14, 15\}$
  - $B^c = \{1, 3, 7, 10, 18, 25, 30\}$
  - $C^c = \{3, 10, 14, 15, 16, 18, 21, 26\}$

David Velasco  
 => EJERCICIO 4  
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**DATOS:**  
 $U = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19.$   
 $A = 1, 3, 7, 9, 10, 19.$   
 $B = 1, 3, 14, 19.$   
 $C = 1, 3, 10, 14, 16, 17.$



$$A \cup B = \{1, 3, 7, 9, 10, 14, 19\}$$

$$A \cup C = \{1, 3, 7, 9, 10, 14, 16, 17, 19\}$$

$$B \cup C = \{1, 3, 10, 14, 16, 17, 19\}$$

$$A \cap B = \{1, 3, 19\}$$

$$A \cap C = \{1, 3, 10\}$$

$$B \cap C = \{1, 3, 14\}$$

$$A \cap B \cap C = \{1, 3, 10, 14, 19\}$$

$$A - B = \{7, 9, 10\}$$

$$A - C = \{7, 9, 19\}$$

$$B - C = \{19\}$$

$$C - A = \{14, 16, 17\}$$