



Nombre de alumno: David Daniel Vásquez Hernández

Nombre del profesor: Jorge

Nombre del trabajo: diagrama de venn

Materia: estadística y probabilidad

PASIÓN POR EDUCAR

Grado: 5 semestre

Grupo: A

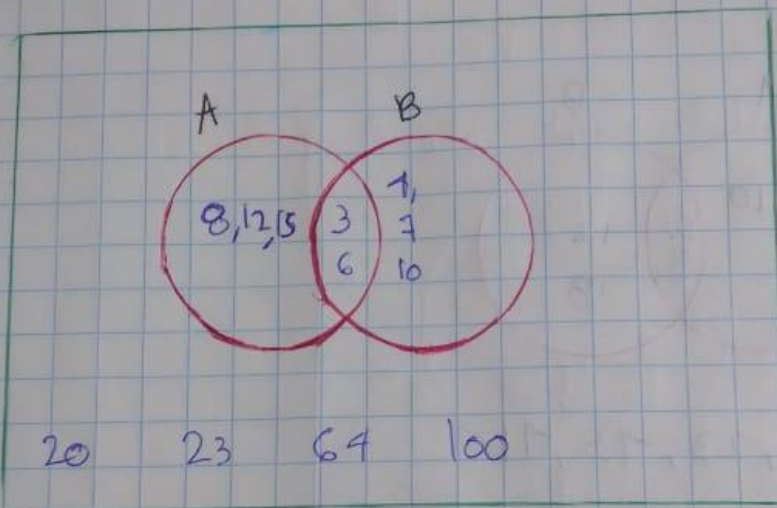
Dawid Daniel Vazquez Hernandez

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

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

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

U =



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

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

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

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

$$A' = \{4, 7, 10, 20, 23, 64, 100\}$$

$$B' = \{8, 12, 15, 20, 23, 64, 100\}$$

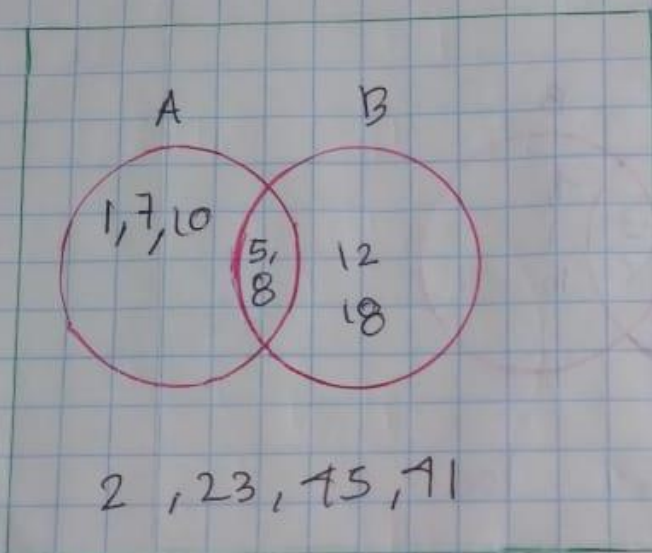
David Daniel Vazquez Hernandez

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

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

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

$$U =$$



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

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

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

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

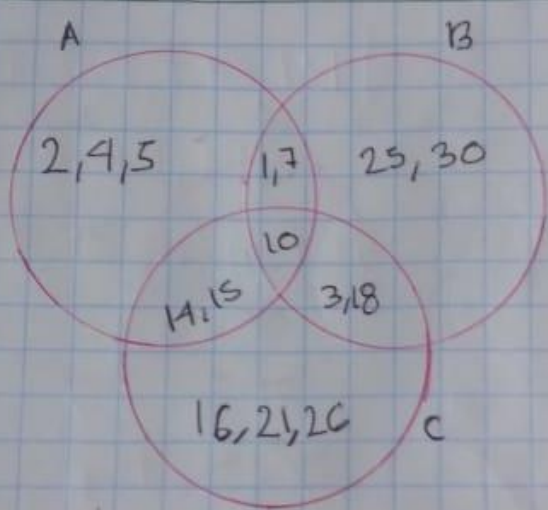
$$A' = \{2, 12, 18, 23, 41, 45\}$$

$$B' = \{1, 2, 7, 10, 23, 41, 45\}$$

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$$U = 1, 2, 3, 4, 5, 7, 14, 15, 16, 18, 21, 25, 26, 30$$

$U =$



$$A = \{2, 4, 5, 7, 10, 14, 15\}$$

$$B = \{1, 3, 7, 10, 25, 30\}$$

$$C = \{3, 10, 14, 15, 16, 21, 26\}$$

$$A \cup B = \{1, 2, 3, 4, 5, 7, 10, 14, 15, 18, 25, 30\}$$

$$B \cup C = \{1, 3, 7, 10, 14, 15, 16, 18, 21, 25, 26, 30\}$$

$$C \cup A = \{1, 2, 3, 4, 5, 7, 10, 14, 15, 16, 18, 21, 26\}$$

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$$A \cap B \cap C = \{10\}$$

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

$$A \cap C = \{10, 14, 15\}$$

$$B \cap C = \{3, 10, 18\}$$

$$A - B = \{2, 4, 5, 14, 15\}$$

$$A - C = \{1, 2, 4, 5, 7\}$$

$$C - A = \{3, 16, 18, 21, 26\}$$

$$C - B = \{14, 15, 16, 21, 26\}$$

$$A' = \{3, 16, 18, 21, 25, 26, 30\}$$

$$B' = \{2, 4, 5, 14, 15, 16, 21, 26\}$$

$$C' = \{1, 2, 4, 5, 7, 25, 30\}$$

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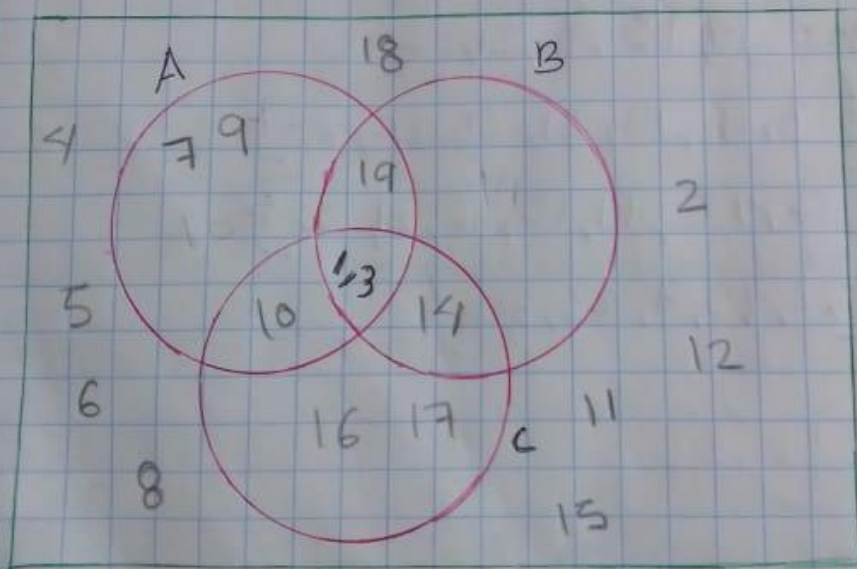
Ejercicio A

$$U = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19\}$$

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

$$B = \{1, 3, 14, 19\}$$

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



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

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

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

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

$$A \cap B = \{1, 9\}$$

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

$$B \cap C = \{1, 4\}$$

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

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

$$C - A = \{1, 16, 17, 19\}$$

$$C - B = \{7, 9, 10, 16, 17\}$$

$$A' = \{2, 4, 5, 6, 8, 11, 12, 14, 15, 16, 17, 18\}$$

$$B' = \{2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 18\}$$

$$C' = \{2, 4, 5, 6, 7, 8, 9, 11, 12, 15, 18, 19\}$$