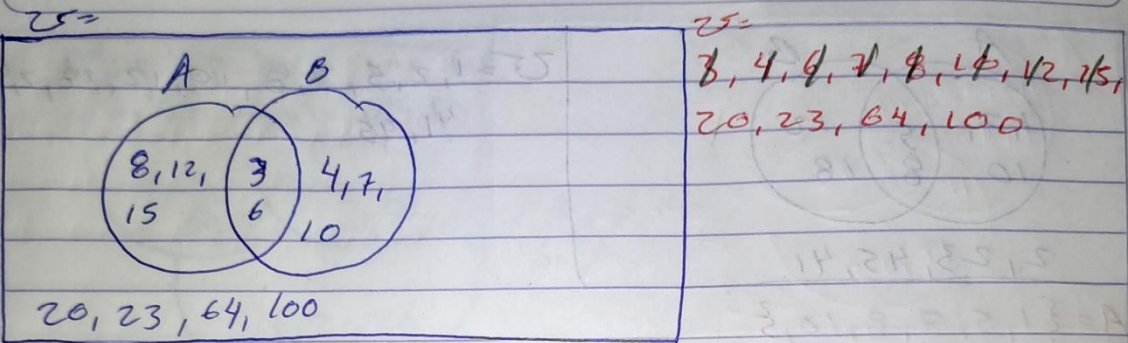


Ejercicios Vant Yahir Aguilar Sicalhua



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

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

~~$A \cap B$~~

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

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

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

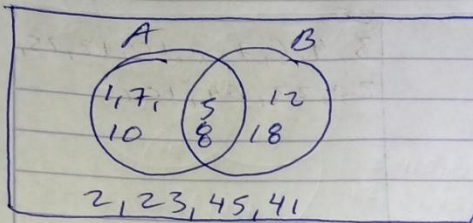
~~$A \cap B$~~

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

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

$B' = \{3, 6, 8, 12, 15, 20, 23, 64, 100\}$

Yahir Aguilar Sicathua



$$U = \{1, 2, 3, 7, 8, 10, 12, 18, 23, 41, 45\}$$

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

$$B = \{5, 8, 12, 18, 3\}$$

$$A - B = \{1, 7, 10, 3\}$$

$$B - A = \{12, 18, 3\}$$

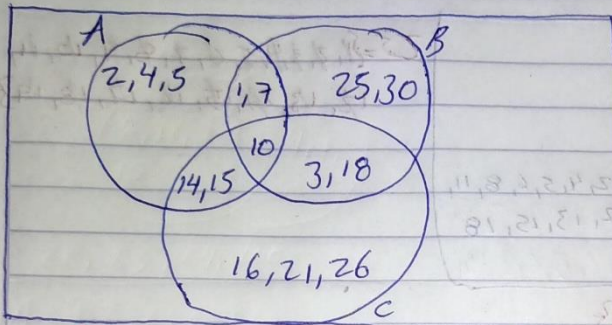
$$A \cup B = \{1, 5, 7, 8, 10, 12, 18, 3\}$$

$$A \cap B = \{5, 8, 3\}$$

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

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

Yahir Aguilar Sicalhua



$$U = \{1, 2, 3, 4, 5, 7, 10, 14, 15, 16, 18, 21, 25, 26, 30\}$$

$$A = \{2, 4, 5, 7, 10, 14, 15, 25, 30\}$$

$$B = \{1, 3, 7, 10, 18, 25\}$$

$$C = \{3, 10, 14, 15, 16, 18, 21, 26, 30\}$$

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

$$B - C = \{1, 7, 25, 30\}$$

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

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

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

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

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

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

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

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

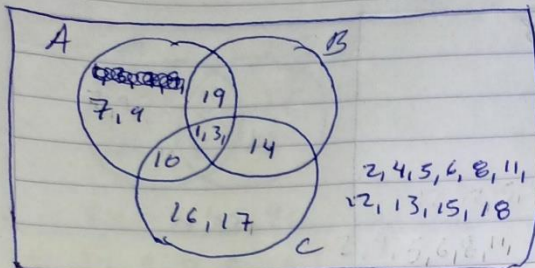
$$A \cap B \cap C = \{1, 3, 7, 10, 14, 15, 18\}$$

$$A' = \{1, 3, 7, 10, 14, 15, 16, 18, 21, 25, 26, 30\}$$

$$B' = \{1, 2, 3, 4, 5, 7, 10, 14, 15, 16, 18, 21, 26\}$$

$$C' = \{1, 2, 3, 4, 5, 7, 10, 14, 15, 18, 25, 30\}$$

Yahir Aguilar Sicalhua



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$A' = \{2, 4, 5, 6, 8, 11, 12, 13, 14, 15, 16, 17, 18\}$$

$$B' = \{2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18\}$$

$$C' = \{2, 4, 5, 6, 7, 8, 9, 11, 12, 13, 15, 18, 19\}$$