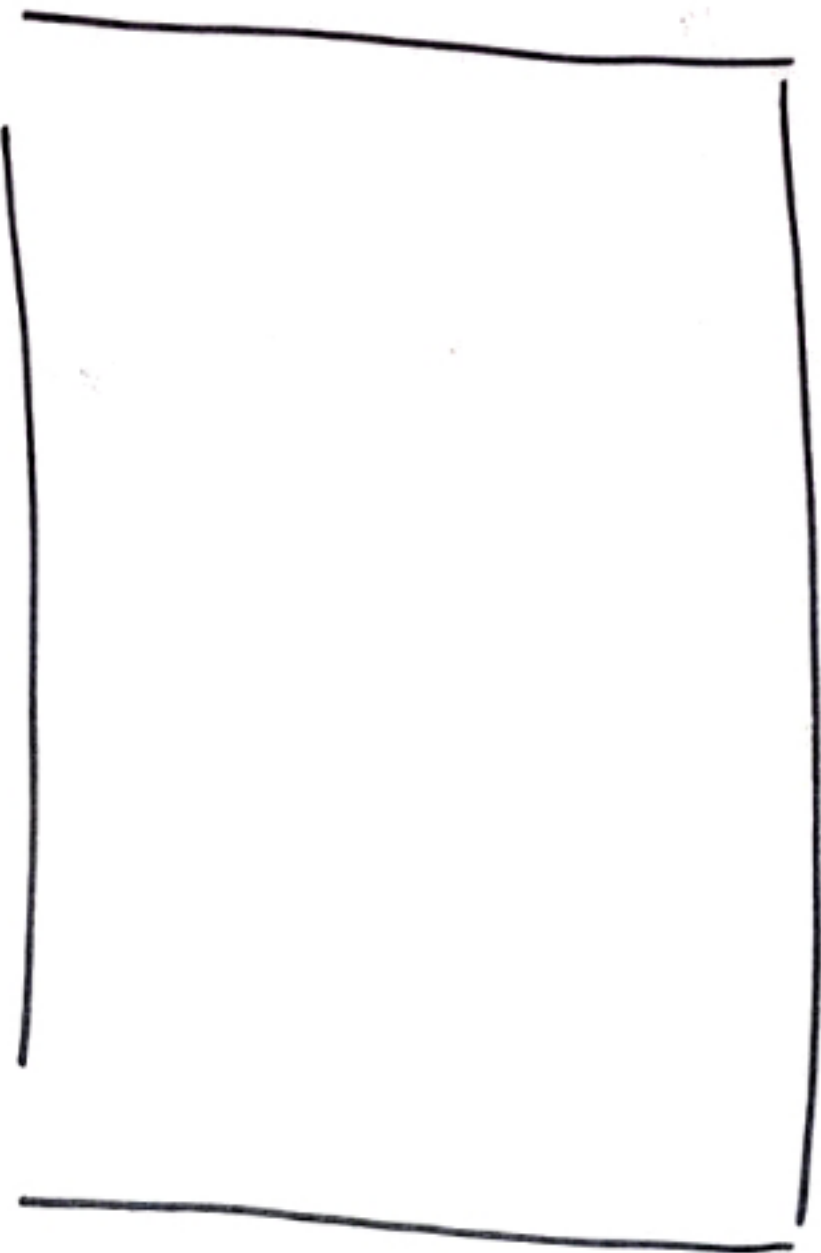


DATO  
01

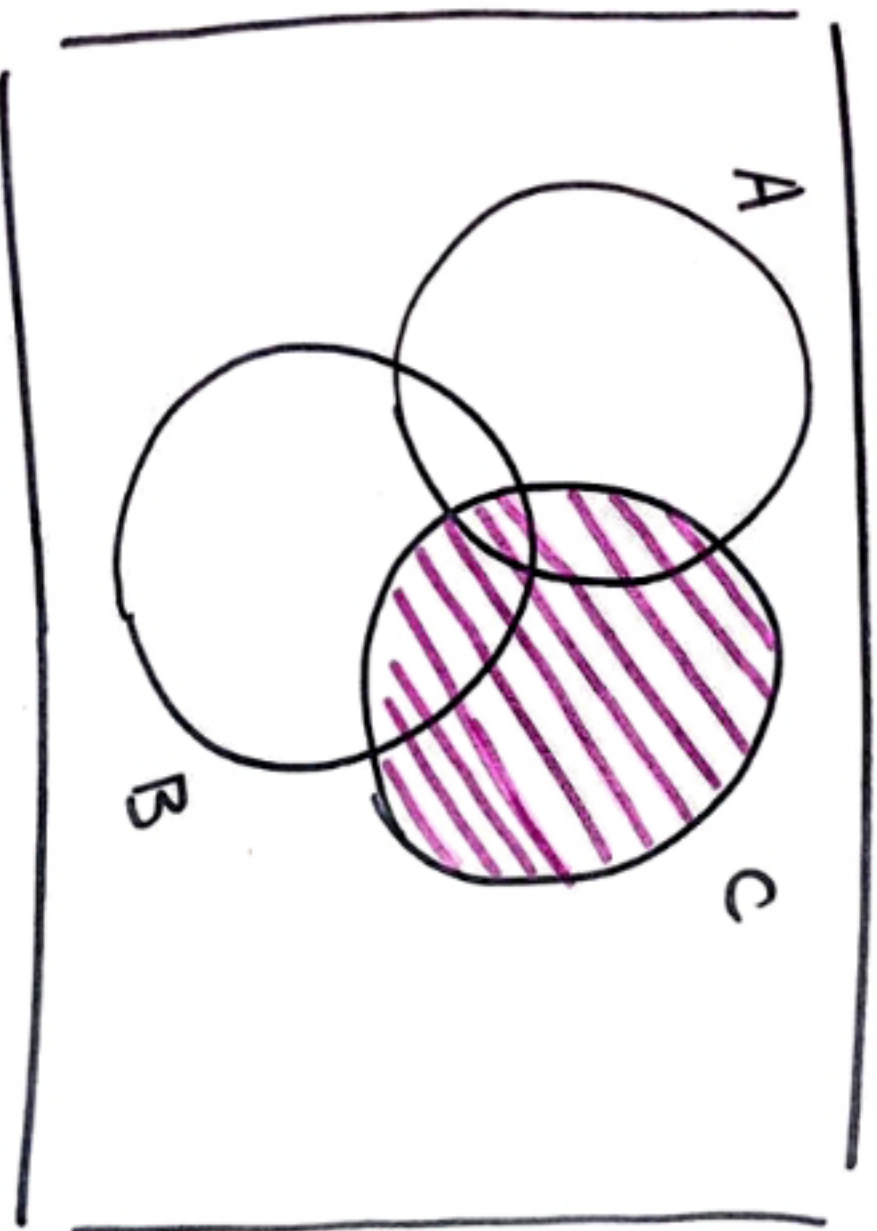
200-2



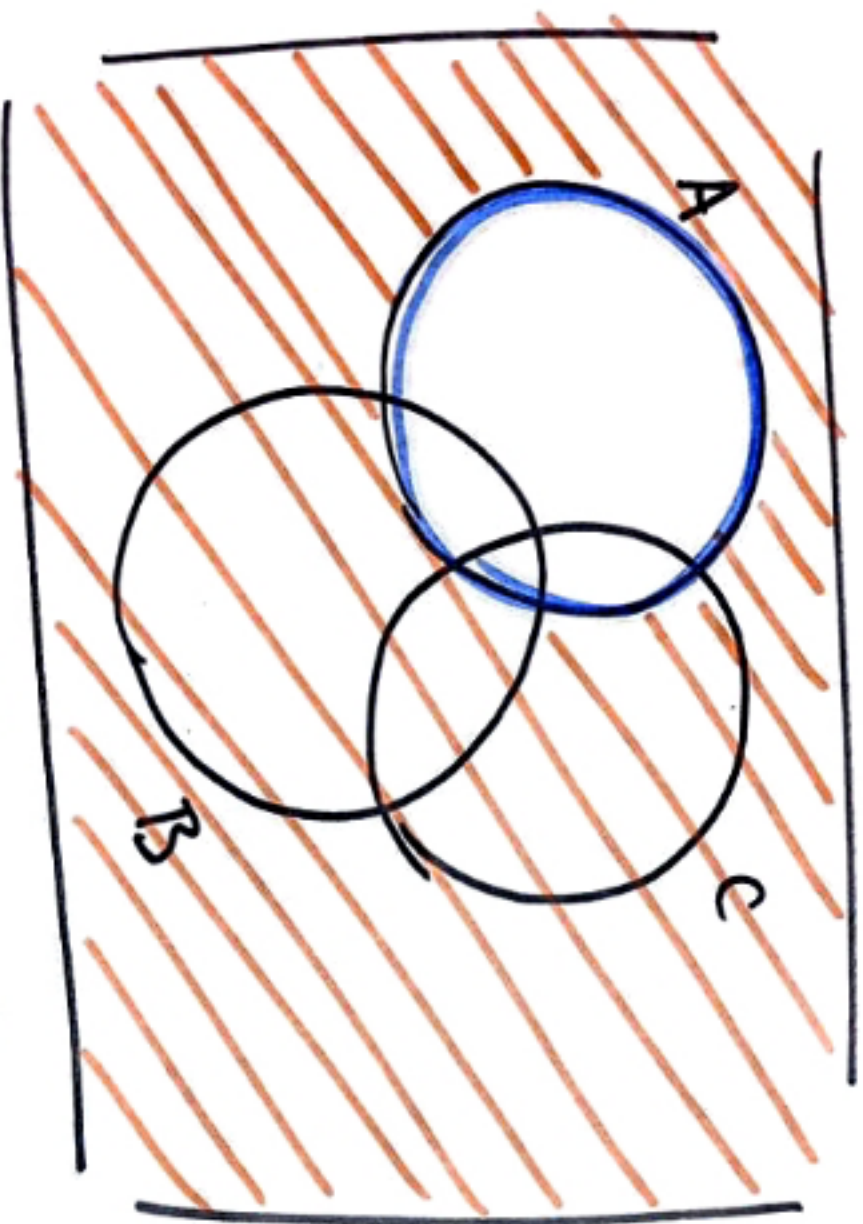
1) DATA



$$126 = C$$

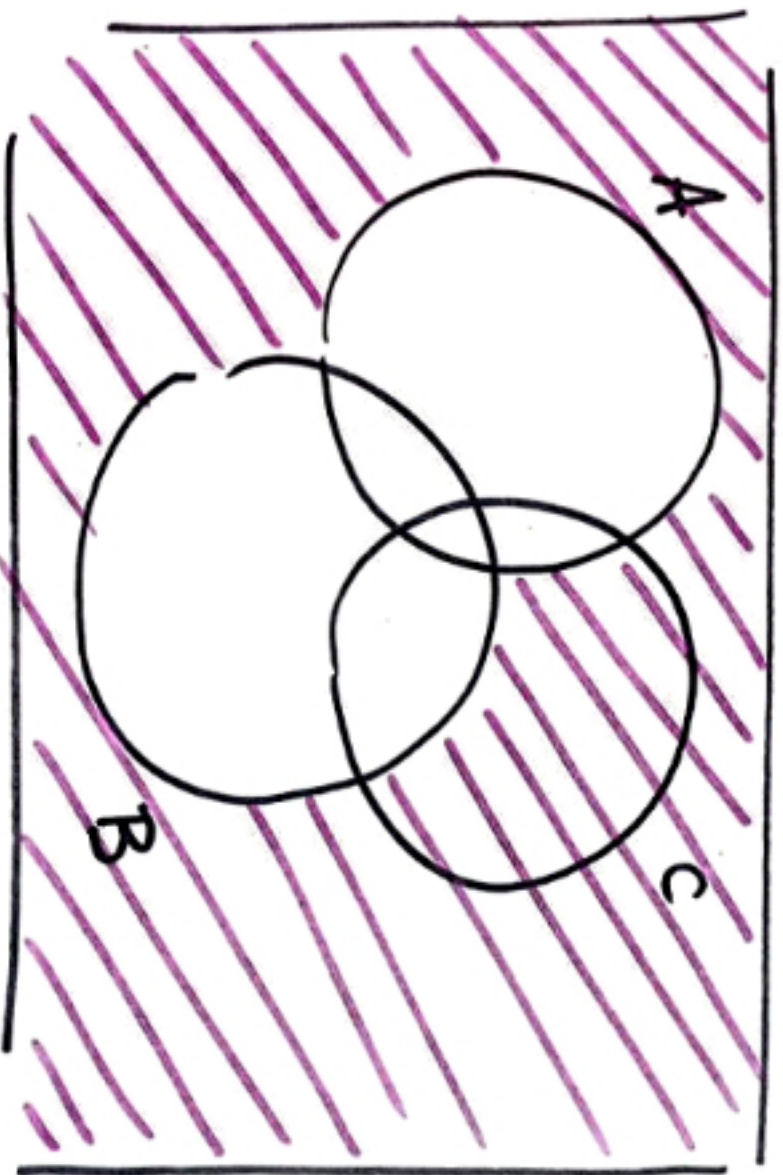


DATA  
21



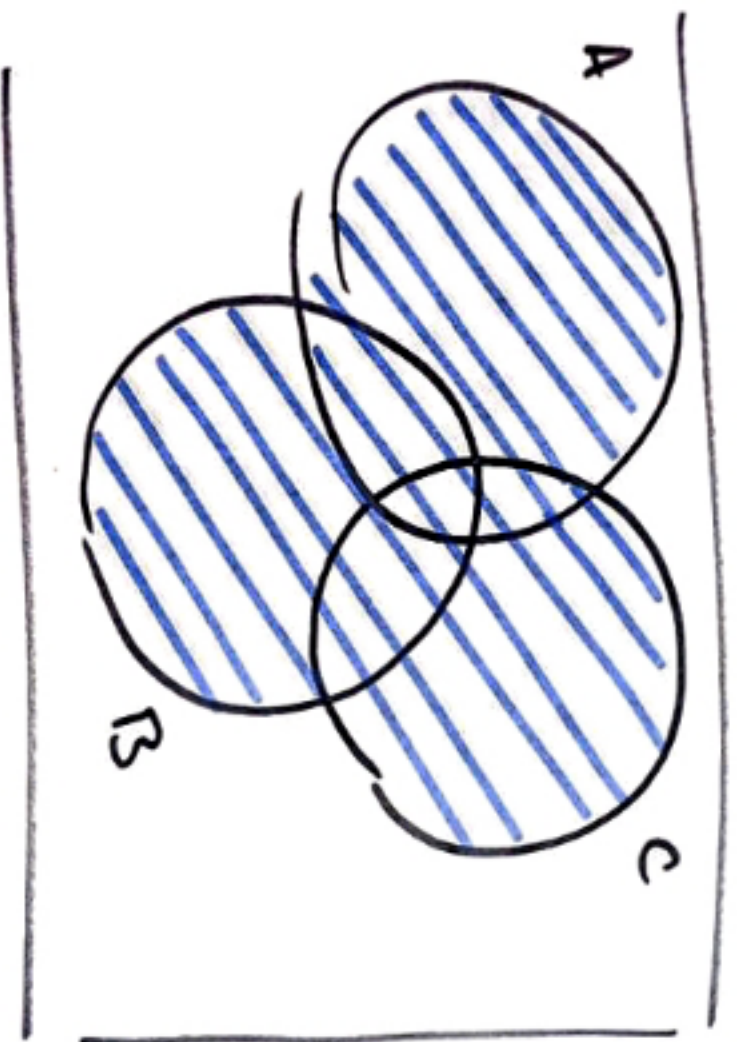
$$124 = \bar{A}$$

3) Dato



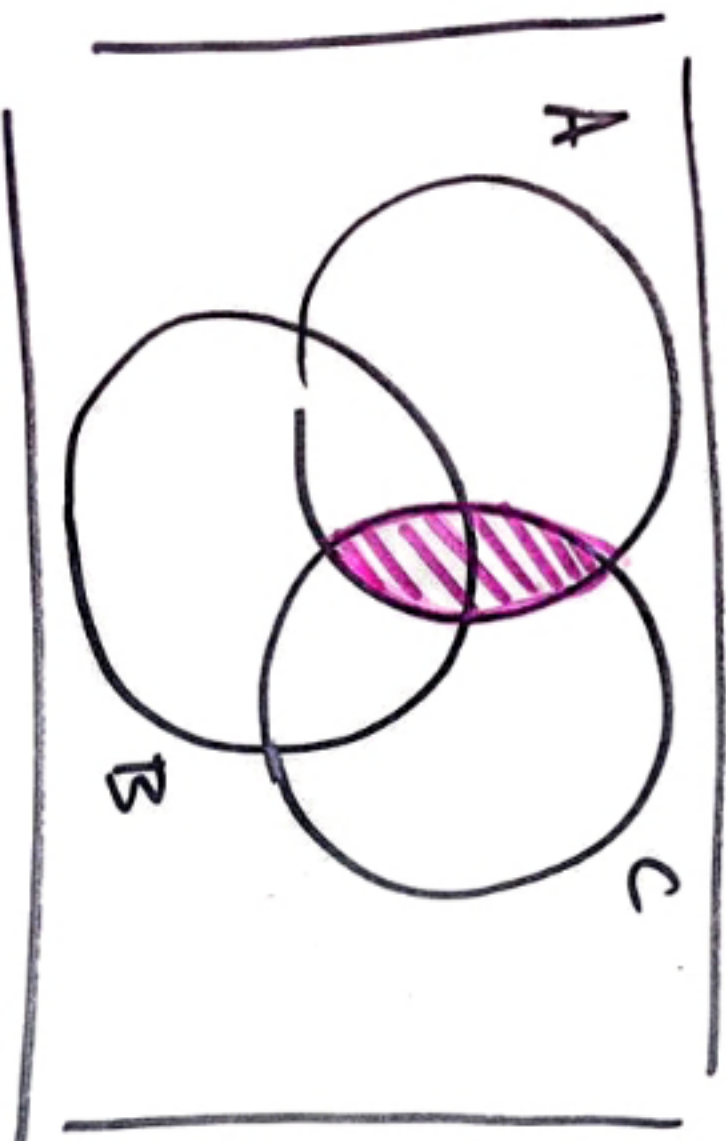
  $36 = \overline{A \cup B}$

DATA  
(4)



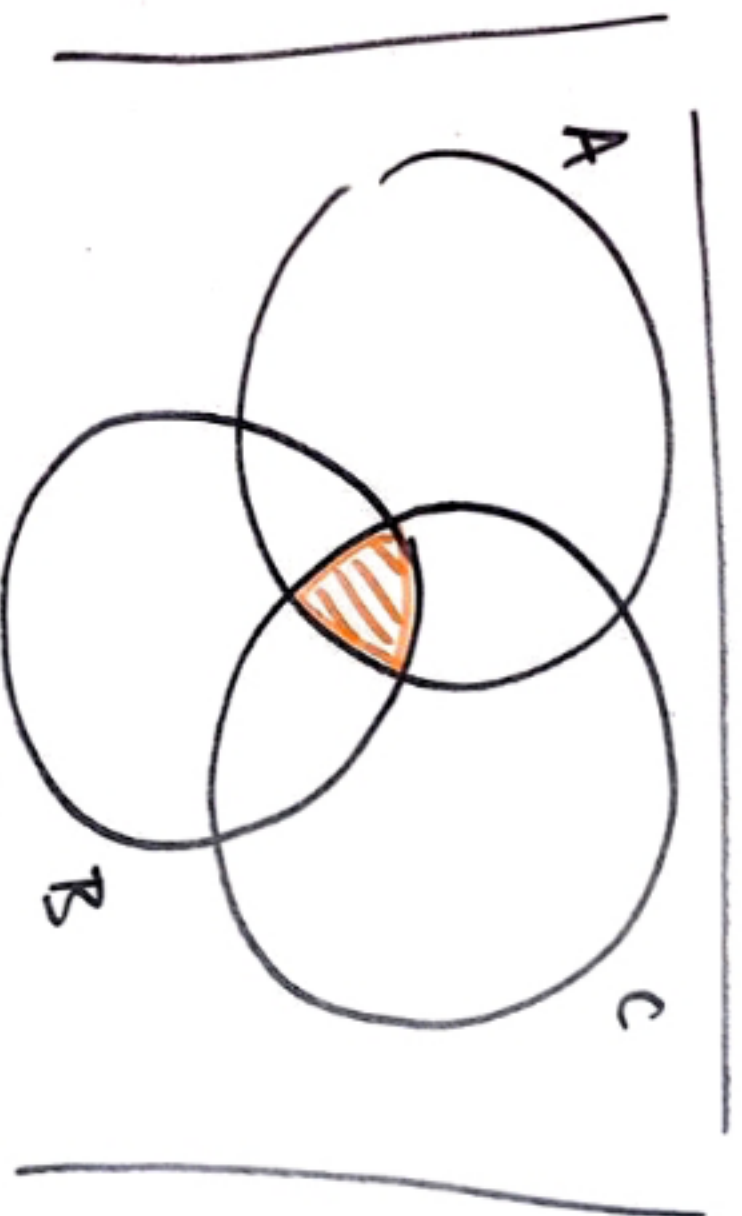
  $170 = A \cup B \cup C$

DATA  
5)



$$60 = A \cap C$$

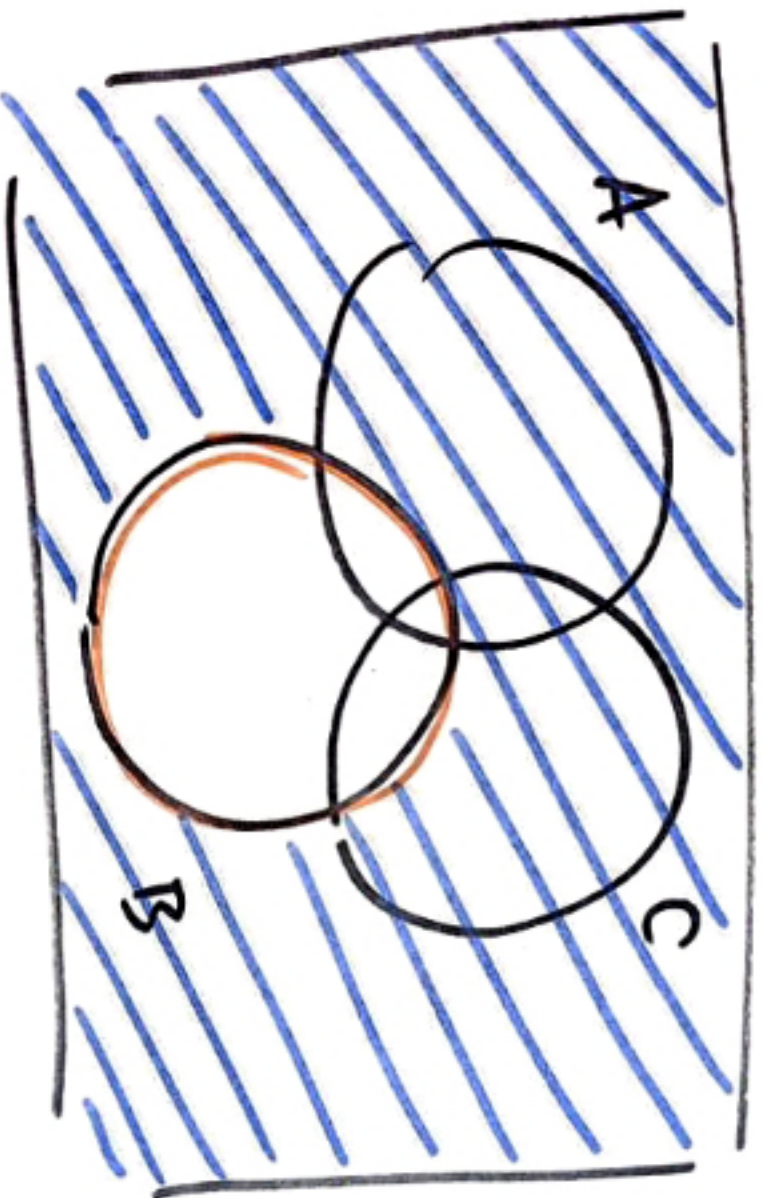
Part  
(6)




$$40 = A \cap B \cap C$$



DATA  
+)



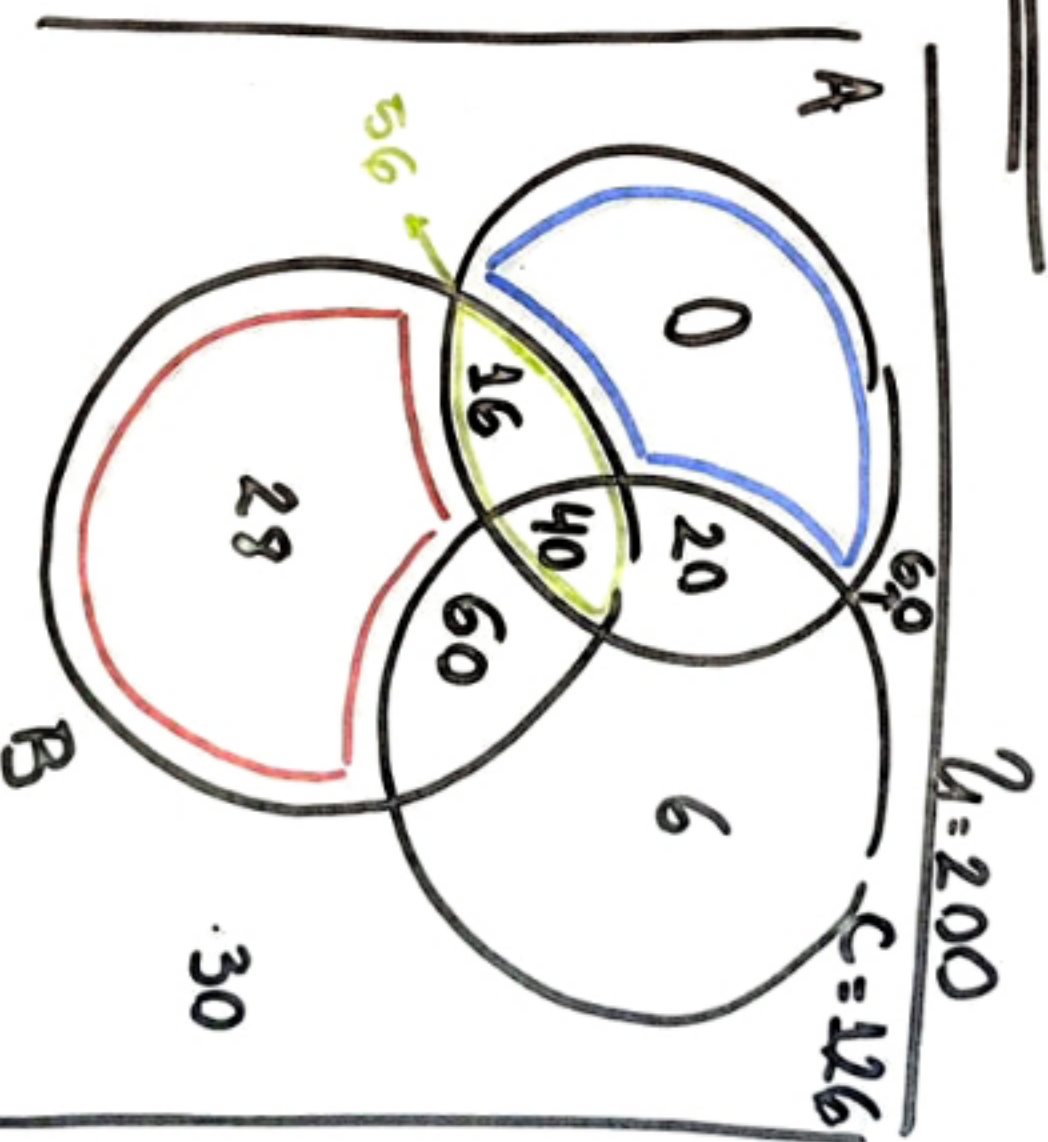
  $56 = \overline{B}$



## DATOS

- 0)  $U = 200$
- 1)  $C = 126$
- 2)  $\bar{A} = 124$
- 3)  $\overline{A \cup B} = 36$
- 4)  $A \cup B \cup C = 170$
- 5)  $A \cap C = 60$
- 6)  $A \cap B \cap C = 40$
- 7)  $\bar{B} = 56$

## EJERCICIO 9



Respuestas: a) 28 b) 56 c) Ninguno = cero

$$- \text{Como } A \cup B \cup C = 170 \Rightarrow 200 - 170 = 30 \rightarrow \text{"sobran"}$$

$$- \text{Ubico los datos } C = 126, \quad \underbrace{A \cap C = 60 \text{ y } A \cap B \cap C = 40}$$

$$60 - 40 = 20 \rightarrow \text{solo } A \cap C$$

- Como sé que  $A \cup B = 36$ , sacó el dato que falta de C.  $\rightarrow 36 - 30 = 6 \rightarrow \text{solo } C$

$$- \text{Si } C = 126 \Rightarrow 126 - 20 - 6 - 40 = 60 \rightarrow \text{solo } B \text{ y } C$$

$$- \text{Como } \bar{A} = 124 \Rightarrow 124 - 30 - 60 - 6 = 28 \rightarrow \text{solo } B$$

$$- \text{Como } \bar{B} = 56 \Rightarrow 56 - 30 - 20 - 6 = 0 \rightarrow \text{solo } A$$

$$- \text{Como } \overline{A \cup B} = 36 \Rightarrow 200 - 36 = 164 \rightarrow A \cup B$$

$$164 - 60 - 40 - 28 - 20 = 16$$