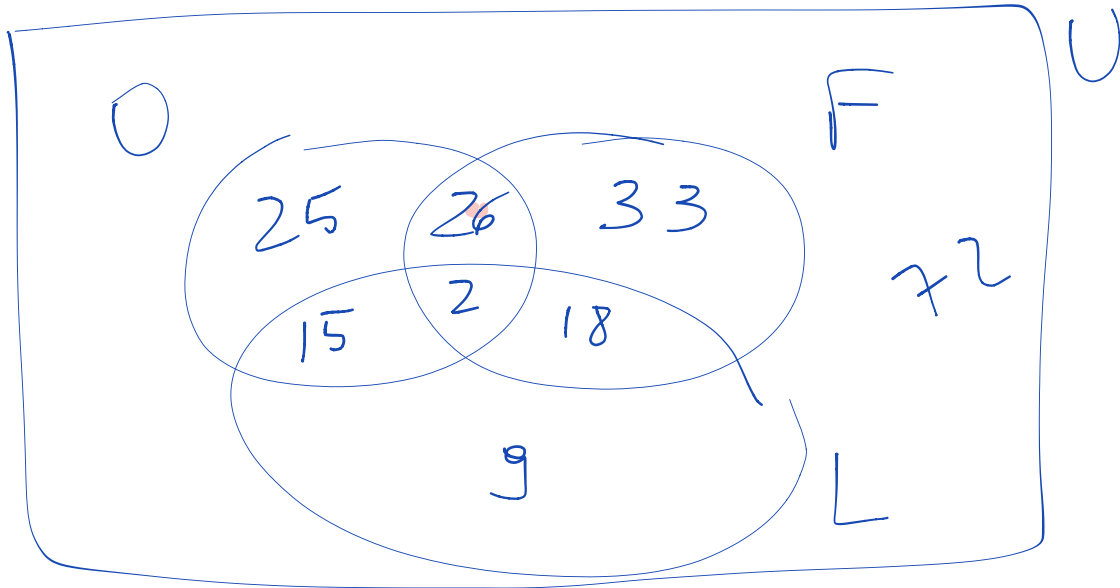


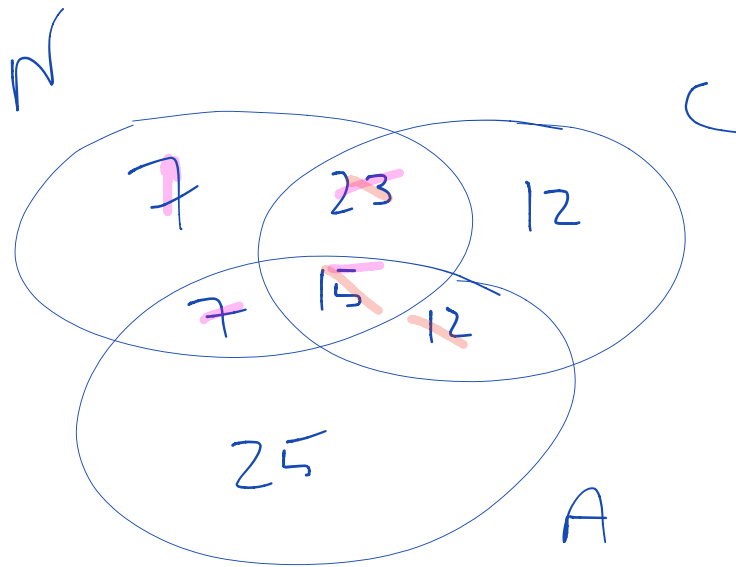
$$|U| = 200$$

O F L



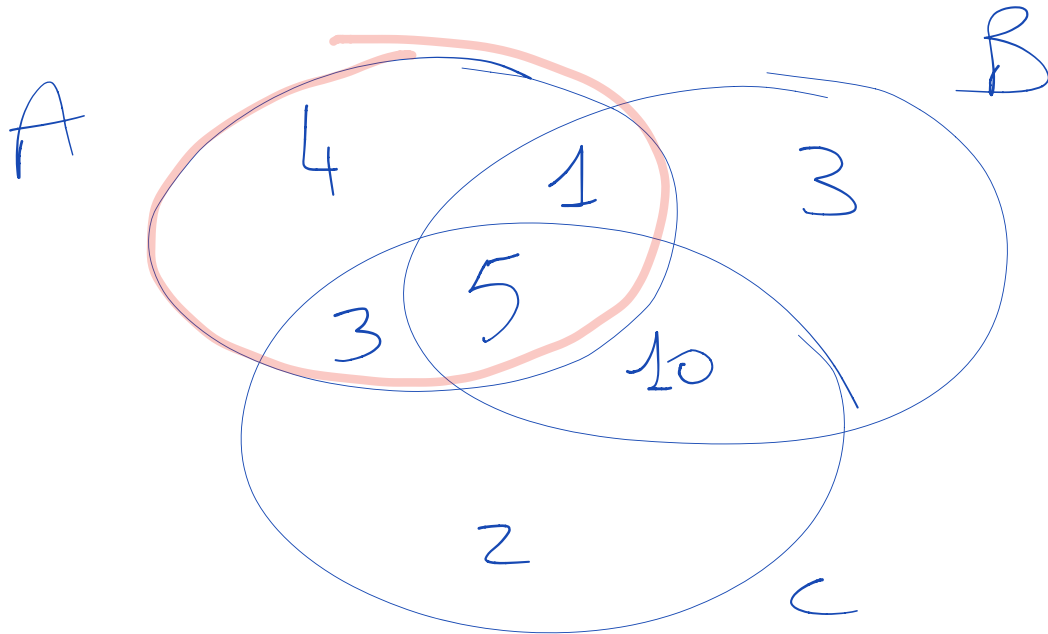
$$|C| = 62$$

$$|N| = 52$$



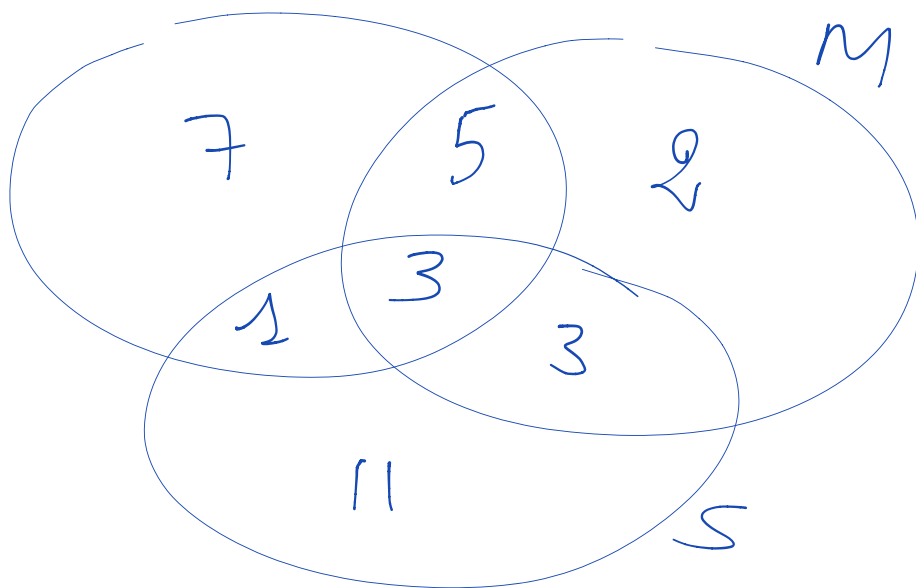
A, B, C

$$|U| = 28$$



$$|U| = 32$$

Q



$$A = \{a \in \mathbb{Z} : -2 \leq a \leq 2\} =$$

$$= \{-2, -1, 0, 1, 2\}$$

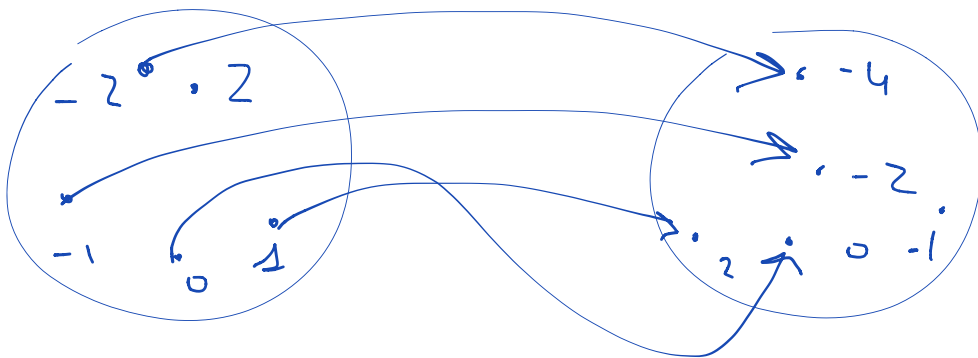
$$B = \{-4, -2, 0, 2\}$$

$$a R b \iff a = \frac{b}{2}$$

$$R = \{(-2, -4), (-1, -2), (0, 0), (1, 2)\}$$

A

B



$$\text{dom } R = \{-2, -1, 0, 1\}$$

$$\text{cod } R = \{-4, -2, 0, 2\}$$

$$\mathbb{R}^{-1} = \{(-4, -2), (-2, -1), (0, 0), (2, 1)\}$$

$$A = \{fa, la, mi\}$$

$$\{fa, la, mi\} \subseteq A \quad \checkmark$$

$$\emptyset \subseteq A \quad \checkmark$$

$$\{la\} \in A \quad \text{F}$$

$$\{la, mi\} \subseteq A \quad \checkmark$$

$$fa \in A \quad \checkmark$$

$$X = \{a, b, c, d, e, \underline{\{f, g\}}\}$$

$$\{c\} \subseteq X \quad \text{F}$$

$$\{\{c\}\} \subseteq X \quad \text{V}$$

$$\{c\} \in X \quad \text{V}$$

$$g \in X \quad \text{F}$$

$$\{g\} \subseteq X \quad \text{F}$$

$$\underline{\{f, g\}} \subseteq X$$

$$A = \{1, 2, 3\} \quad B = \{3, 4, 5\}$$

$aRb \Leftrightarrow ab \bar{\in} \text{pair}$

$$R = \{(1, 4), (2, 3), (2, 4), (2, 5), (3, 4)\}$$

$$\text{dom } R = \{1, 2, 3\} = A$$

$$\text{cod } R = \{3, 4, 5\} = B$$

non $\bar{\in}$ une fonction

