Symboles

même famille

ensemble | ensemble

$\mathbb{N} \subseteq \mathbb{R}$

↓ inclus

$\mathbb{R} \not\subseteq \mathbb{N}$

pas la famille

nombre | ensemble

$3 \in \mathbb{N}$

↓ appartient

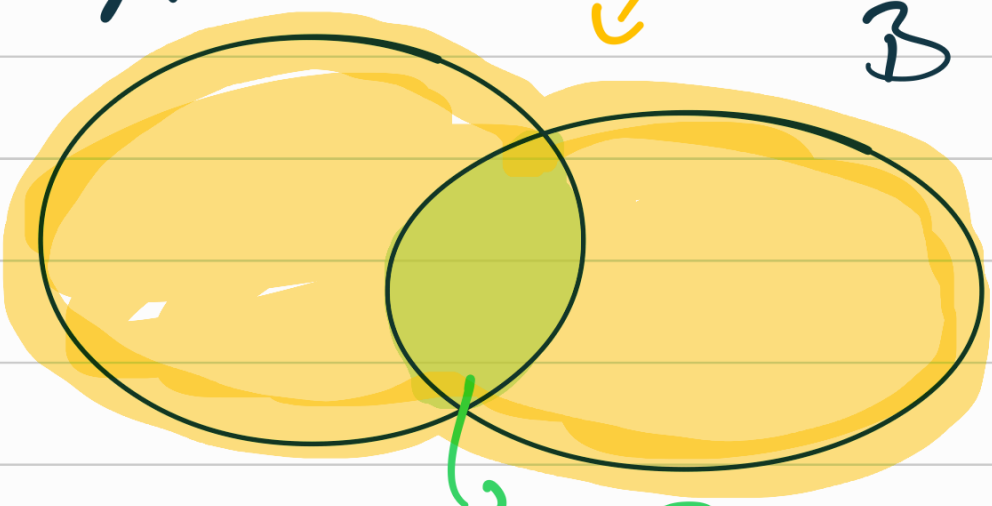
$\sqrt{2} \in \mathbb{R}$

$\sqrt{2} \notin \mathbb{N}$

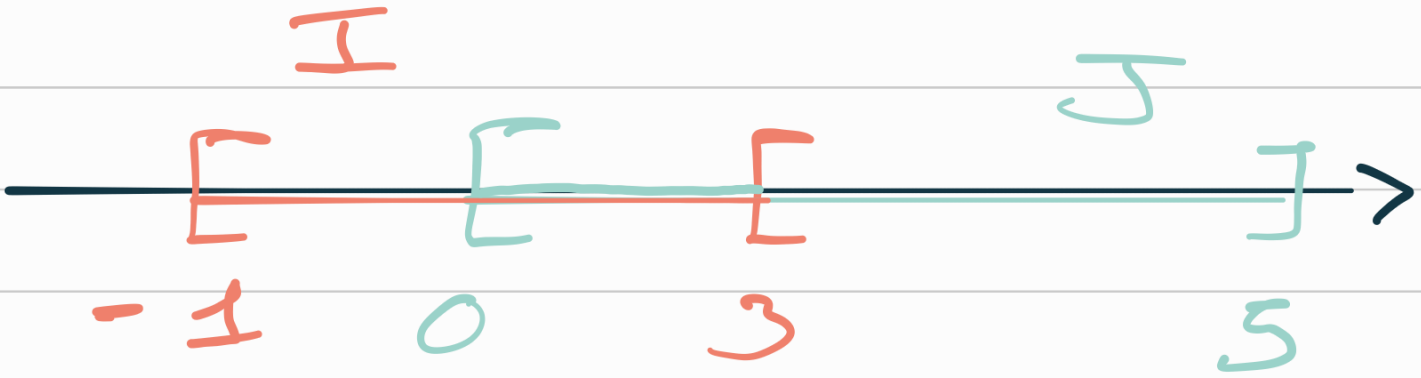
A

$A \cup B$ => ou

B



$A \cap B$ => et



$I \cap J = [0; 3[$

$I \cup J = [-1; 5]$

F : 2722

C3 : 522

$2722 + 522 - 250 = 2994$

$P(A \cup B) = P(A) + P(B) - P(A \cap B)$

$\overline{F}$ = contraire femme

L_2 → 2 902

$\overline{C_1}$ → 3 996

$\mathbb{N}$: 0, 1, 2, ... $+\infty$

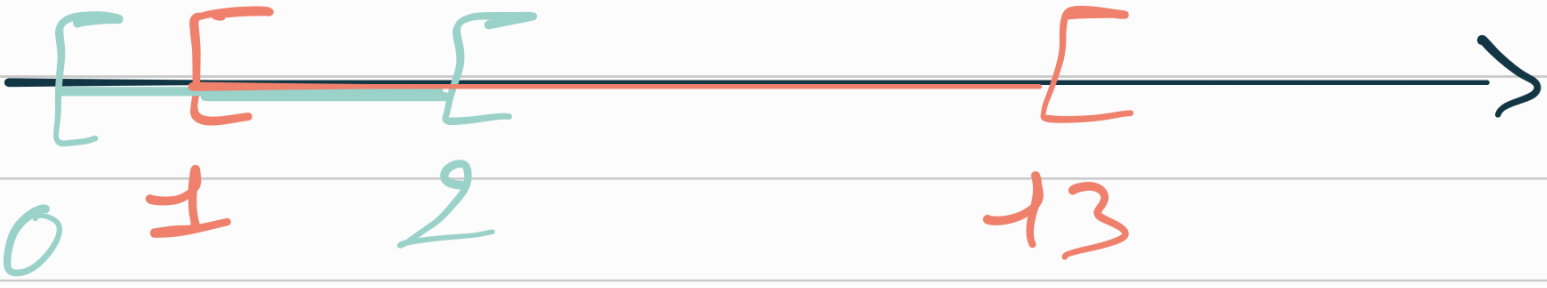
$\mathbb{Z}$: $-\infty$; ... ; -1 ; 0 ; 1 ; ... ; $+\infty$

$\mathbb{D}$: $a \times 10^{-n}$ ⇒ 0,5 ; 0,25

$\mathbb{D}$: $\frac{a}{5}$ ⇒ $\frac{e}{3}$

$\mathbb{R}$: $\sqrt{2}$; π ...

$\mathbb{N} \subseteq \mathbb{Z} \subseteq \mathbb{D} \subseteq \mathbb{Q} \subseteq \mathbb{R}$



ξ $[1;13[\cap [0;2[= [1;2[$

ξ disjoints

$x \in]-\infty; 4]$

$x \in]-\infty ; 1[\cup [3 ; +\infty[$

$\{x > 1\} = \{x \leq 1\}$

$=]-\infty ; 1]$