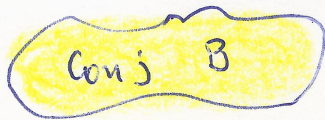


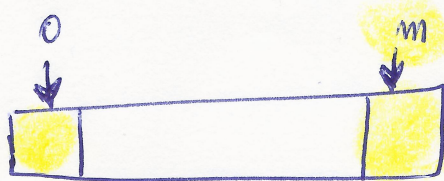
\Rightarrow



: A



\Rightarrow



: B

$$A \cup B = \{ x \mid x \in A \vee x \in B \}$$

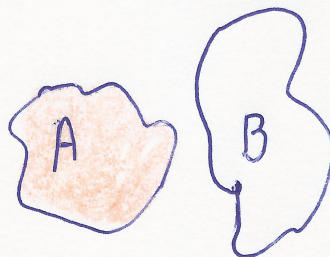
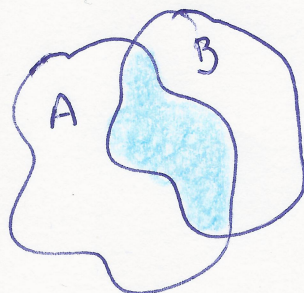
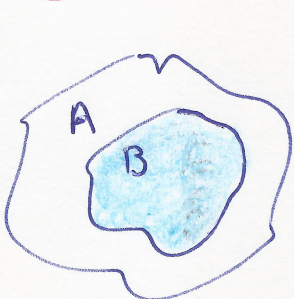
$$A \cap B = \{ x \mid x \in A \wedge x \in B \}$$

$$A - B = \{ x \mid x \in A \wedge x \notin B \} \quad (\text{Difference})$$

$$B - A = \{ x \mid x \notin A \wedge x \in B \}$$

$$A \Delta B = (A - B) \cup (B - A) \quad (\text{Dif. simétrica})$$

Situações:



$A = B$

$A \subseteq B \wedge B \subseteq A$