$$A = \{ x \mid L(x) \land U(x) \}$$

$$V_{R} L(x) = x \text{ in line ?}$$

$$V_{R} L(x) = x \text{ for compado com}$$

$$V_{R} U(x) = x \text{ for compado com}$$

$$U = \{PREDION \}$$

$$C = \{\infty \mid A(\infty)\}$$

$$A(x) = x e' \text{ par}(\infty)$$

$$S = \{\infty \mid DC \in IN \mid PAR(\infty)\}$$

$$S = \{\infty \mid DC \in IN \land PAR(\infty)\}$$

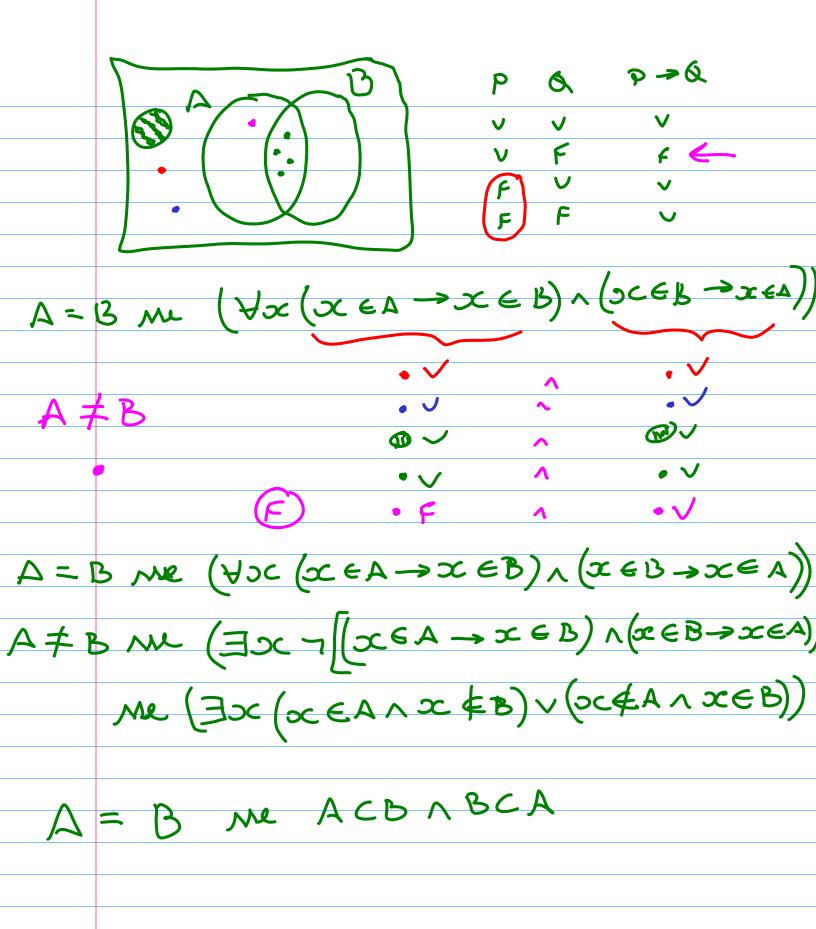
$$S = \{\infty \mid DC \in IN \land D \in IN\}$$

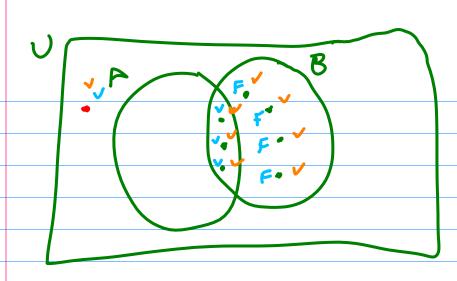
$$A = \{4, 5, 6\}$$

$$S = \{-2, 2\}$$

$$U = \{0, 5, 6\}$$

$$S = \{-2, 2\}$$





ACBME  $\forall x(x \in A \rightarrow x \in B)$ BCA? BCAME  $\forall x(x \in B \rightarrow x \in A)$ 

B ¢ A ?

 $\int_{\mathcal{D}} \exists x (x \in B \land x \notin A)$ 

A & B me ACB1 A + B

A=B Me ACB N BCA

A  $\neq$  B me  $\forall x(x \in A \rightarrow x \in B) \land$  $\exists x(x \in B \land x \notin A)$ 

ACA ACB Me YOC (IEA -XEB) ACA Me YX(XEA ->XEA) 1.  $+\infty(Ax \rightarrow Ax)$  LPREDICATIVA 2. Ai Ai IU1 LPROPOSICIONAL 3. JAIV Ai EQ2 (A=B) 1 (B=6) => A=C \(\forall \text{(x=A-x & c)} 1  $\frac{(xec \rightarrow xed)}{(xeb \rightarrow xed)} \wedge$ YX (XEC -XEC) N(XEC -XEB) 1. Vx [Ax = bx) 1 (bx = A>c)] 2Ax((3x→ (x) v (cx → βx))] せいし 3. (An' → Bi) ∧ (Un' → An') 2 Ai 3 Ci 5 H 6,8 α κο 10 Ci 3 Ai (Ci Ai) α (Ci Ai) α γο 10 (Ai - Ci) Λ (Ci Ai) α γο 4. (Bi → Ci) ~ (ci → bi) IU2 SIMP3 S. Ai Bi SIMPS 6. Di - Ari SIMPY 7. Bisci

11. (Ai→ci) Λ (ci→Ai)
12. ∀x[(Ax→coc) Λ(cx→Ax)] 6.U.11

13. Yx (xGA→36GC) A (x6C→xEA)

M=C