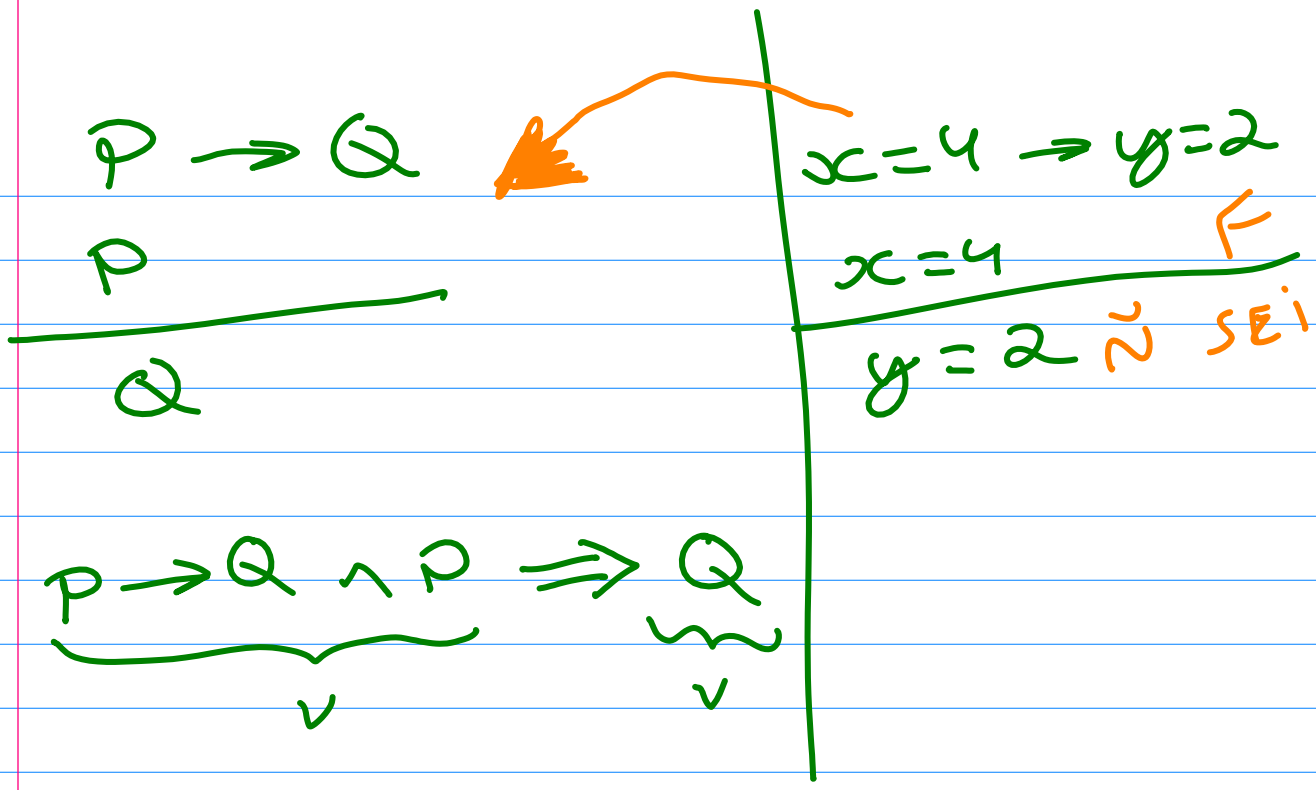

$P \to Q \wedge P \Rightarrow Q$

V V

$x = 4$

$\forall x \; Hx \to Mx$

$H(\text{"Sócrates"})$

$M(\text{Sócrates})$

$\exists i$
Qx
Py
Mx

$VL(Mx) = ?$

$VL(M(\text{"Frente"})) = \checkmark$

$Px \to My$ $\quad$ $Px \to Mx$

$Pi \to Mj$ $\quad$ $Pi \to Mi$

$Pi \to Mi \leftarrow$

T	C	$T \to C$
V	V	V
V	F	F
F	V	V
F	F	V

$$T \to C \iff \neg T \vee C$$

$$V_{T \to C} = V_{\neg T} \cup V_C$$

$$V'_T \cup V_C$$

$$T \leftrightarrow G \iff T \to G \wedge G \to T$$

$$\iff (\neg T \vee G) \wedge (T \vee \neg G)$$

T	G	$T \leftrightarrow G$
V	V	V
V	F	F
F	V	F
F	F	V

$$T \leftrightarrow G \iff (T \wedge G) \vee (\neg T \wedge \neg G)$$

$Gx \rightarrow Rx$

$Cx \wedge Vx \rightarrow Sx$

$Ax \rightarrow Dx \wedge Nx$

$Ax \vee Lx \rightarrow Dx \wedge Nx$

$Px \wedge \neg Mx \rightarrow Rx$

$Cx \wedge Lx \rightarrow Gx$ ← ≈

$Cx \rightarrow (Lx \leftrightarrow Gx)$ ←

$Ex \rightarrow (Tx \leftrightarrow Sx)$

$Hx \wedge Cxy \rightarrow My$

$Gx \wedge Px \wedge Gy \wedge \neg Py \rightarrow Cxy$