Step 4: Skolemization > Gets Ne of Extential quantities 9600 y (x)
Steps: Convert to Prenex form:
$(\forall x)(\forall x) \forall 1 p(x) \vee \{ [7 p(y) \vee p(f(x,y))] \land [b(x,y(x)) \land 1 p(y(x))] \} \}$
Step 6: Convert to matrix -> CNF
$[\gamma P(x) \vee Q(x, g(x))] \wedge [\gamma P(x) \vee \gamma P(g(x))] $
Step 7: Drup universal quantity
Step 8: Eliminat his
{ [¬P(x) v¬PG) VP(F(x, y))] /
$ = \frac{\left[ \neg P(x_{i}) \lor G(x_{i}, g(x_{i})) \right] }{\left[ \neg P(x_{i}) \lor \neg P(g(x_{i})) \right] } $
Step 9: Rename variables so each clause has its own.
Variables
Given (Yx) (At (John ) > At (Fido, x)). Fido is wherever John is
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Prove: (3x) At (Filo, x) => 7 A+ (ido,x) 7 A+ (John, x) V A+ (Filo, x)
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
7A(John, x) A+ (Juln, school)
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