2. Dobectu, uso A,B, TC > T((A >B) > C) Merog pezonouia
{ A, B, ¬C} = ¬((A > B) > C) > → {A,B,¬C,(A→B)→C}→ " > { A, B, ¬C, ¬(A > B) V C} -> → {A,B,¬C,¬(¬AVB)VC} → -> {A, B, ¬C, (A,B) VC3 -> -> {A,B, TC, AVC, BVC3-> -> {A,B, -C, AVC, B} Якизо A=1, B=1, C=0, 70 AVC=1, B=1 Рорицая вірна

3. Docaignin gropmyny: $\exists x (A(x) \land B(x)) \rightarrow (\exists x (A(x) \land \exists x B(x)))$ $\neg \exists x (A(x) \land B(x)) \lor (\exists x A(x) \land \exists x B(x))$ $\forall x (\neg A(x) \lor \neg B(x)) \lor (\exists x A(x) \land \exists x B(x))$ $\forall x \neg A(x) \lor \forall x \neg B(x) \lor (\exists x A(x) \land \exists x B(x))$ $\neg \exists x A(x) \lor \neg \exists x B(x) \lor (\exists x A(x) \land \exists x B(x))$ $\neg (\exists x (A(x)) \land \exists x B(x)) \lor (\exists x A(x) \land \exists x B(x))$ $\neg (\exists x (A(x)) \land A(x)) \lor (\exists x A(x) \land A(x)) \rightarrow (\exists x A(x) \land A(x))$