Q 1) For all v (is_unk(v.Gender) & is_unk (v.Surname) & is_unk (v.Firstname) & is_unk (v.occupation) & is_unk (v.Birthdate) & is_unk (v.city) & is_unk (v.cast)

=> For all → True (T)

T ∩ ((F∧F∩F∧F∧F∧F∧F) ∧
(F∩F∧F∧T∩F∧F∧F) ∩
(F∩F∩F∧F∩F∧F∩F) ∧
(F∩F∧F∧T∩F∧F∧F))

= T ∧ (F∩F∩F∩F)
= T ∧ F
= T

2) Exists v (v.gender = 'F' & v.Birthdate > '1/6/1990'

=> F v ((F∧T)) v (T∩F) v (T∧T) v (T∩T))

= F v (F v F v T v T)
= F v T
= T