0
non_ground_member(C Term [Clause C Term [Father v_k : [v_]] : v_], C Term [Clause C Term [Mother C Var [v_] : [C Var [v_]]] : C Term [Clause C Term [Parent C Var [v_] : [C Var [v_]]] : C Term [Parent C Var [v_] : [C Var [v_]]] : C Term [Female [C Var [v_]]]] : C Term [Clause C Term [Parent C Term [A [] : [C Term [B []]]]] : C Term [Clause C Term [Male [C Term [A []]]]]]
1
non_ground_member(C Term [Clause C Term [Father v_k : [v_]] : v_], C Term [Clause [C Term [Parent C Term [A []] : [C Term [B []]]]] : [C Term [Clause [C Term [Male [C Var [v_]]]] : C Term [Clause C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]] : C Term [Clause [C Term [Parent C Term [A []] : [C Term [B []]]]] : [C Term [Clause [C Term [Male [C Term [A []]]]]]]
make_non_ground(C Term [Clause C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]], C Term [Clause C Term [Father v_k : [v_]] : v_]), solve(C Term [Clause C Term [Father C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Male [C Var [v_]]]], C Term [Clause C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]] : C Term [Clause [C Term [Parent C Term [A []] : [C Term [B []]]]] : [C Term [Clause [C Term [Male [C Term [A []]]]]]], v_3)
v_k → C Term [Clause C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]], v_3 → C Term [Clause [C Term [Parent C Term [A []] : [C Term [B []]]]] : [C Term [Clause [C Term [Male [C Term [A []]]]]]]
1,cut
non_ground_member(C Term [Clause C Term [Father v_k : [v_]] : v_], C Term [Clause [C Term [Parent C Term [A []] : [C Term [B []]]]] : [C Term [Clause [C Term [Male [C Term [A []]]]]]], solve(C Term [Clause C Term [Father C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Male [C Var [v_]]]], C Term [Clause C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]] : C Term [Clause [C Term [Parent C Term [A []] : [C Term [B []]]]] : [C Term [Clause [C Term [Male [C Term [A []]]]]]], v_3)
v_k → C Term [Clause C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]], v_3 → C Term [Clause [C Term [Parent C Term [A []] : [C Term [B []]]]] : [C Term [Clause [C Term [Male [C Term [A []]]]]]]
make_non_ground(C Term [Clause C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]], C Term [Clause C Term [Father v_k : [v_]] : v_])
2
mkneg(C Term [Clause C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]], C Term [Clause C Term [Father v_k : [v_]] : v_]), [], v_13), solve(C Term [Clause C Term [Father C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Male [C Var [v_]]]], C Term [Clause C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]] : C Term [Clause [C Term [Parent C Term [A []] : [C Term [B []]]]] : [C Term [Clause [C Term [Male [C Term [A []]]]]]], v_3)
v_k → C Term [Clause C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]], v_13 → C Term [Clause [C Term [Parent C Term [A []] : [C Term [B []]]]] : [C Term [Clause [C Term [Male [C Term [A []]]]]]]
3
mkneg(C Term [Clause C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]], C Term [Clause C Term [Father v_k : [v_]] : v_]), [], v_13)
4
t_mkneg(C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]], C Term [Father v_k : [v_]] : v_], [], v_13), solve(C Term [Clause C Term [Father C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Male [C Var [v_]]]], C Term [Clause C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]] : C Term [Clause [C Term [Parent C Term [A []] : [C Term [B []]]]] : [C Term [Clause [C Term [Male [C Term [A []]]]]]], v_3)
v_k → C Term [Clause C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]], v_13 → C Term [Clause [C Term [Parent C Term [A []] : [C Term [B []]]]] : [C Term [Clause [C Term [Male [C Term [A []]]]]]], v_3 → Clause, v_9a → C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]], v_17 → C Term [Father v_k : [v_]] : v_]
5
t_mkneg(C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]], C Term [Father v_k : [v_]] : v_], [], v_9a)
6
mkneg(C Term [Clause C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]], C Term [Clause C Term [Father v_k : [v_]] : v_]), [], v_9a), solve(C Term [Clause C Term [Father C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Male [C Var [v_]]]], C Term [Clause C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]] : C Term [Clause [C Term [Parent C Term [A []] : [C Term [B []]]]] : [C Term [Clause [C Term [Male [C Term [A []]]]]]], v_3)
[v_k → v_24, v_14 → C Term [Clause C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]], v_21 → C Term [Clause [C Term [Parent C Term [A []] : [C Term [B []]]]] : [C Term [Clause [C Term [Male [C Term [A []]]]]]], v_23 → Clause, v_9a → C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]], v_17 → C Term [Father v_k : [v_]] : v_, v_9a → C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]], v_9a → C Term [Father v_k : [v_]]]
7
t_mkneg(C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]], C Term [Father v_k : [v_]] : v_], [], v_9a)
8
mkneg(C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]], C Term [Father v_k : [v_]] : v_], [], v_9a), solve(C Term [Clause C Term [Father C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Male [C Var [v_]]]], C Term [Clause C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]] : C Term [Clause [C Term [Parent C Term [A []] : [C Term [B []]]]] : [C Term [Clause [C Term [Male [C Term [A []]]]]]], v_3)
[v_k → v_24, v_14 → C Term [Clause C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]]], v_21 → C Term [Clause [C Term [Parent C Term [A []] : [C Term [B []]]]] : [C Term [Clause [C Term [Male [C Term [A []]]]]]], v_23 → Clause, v_9a → C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]], v_17 → C Term [Father v_k : [v_]] : v_, v_9a → C Term [Mother C Var [v_]] : [C Var [v_]]] : C Term [Parent C Var [v_]] : [C Var [v_]]] : C Term [Female [C Var [v_]]], v_9a → C Term [Father v_k : [v_]]]
9
fail