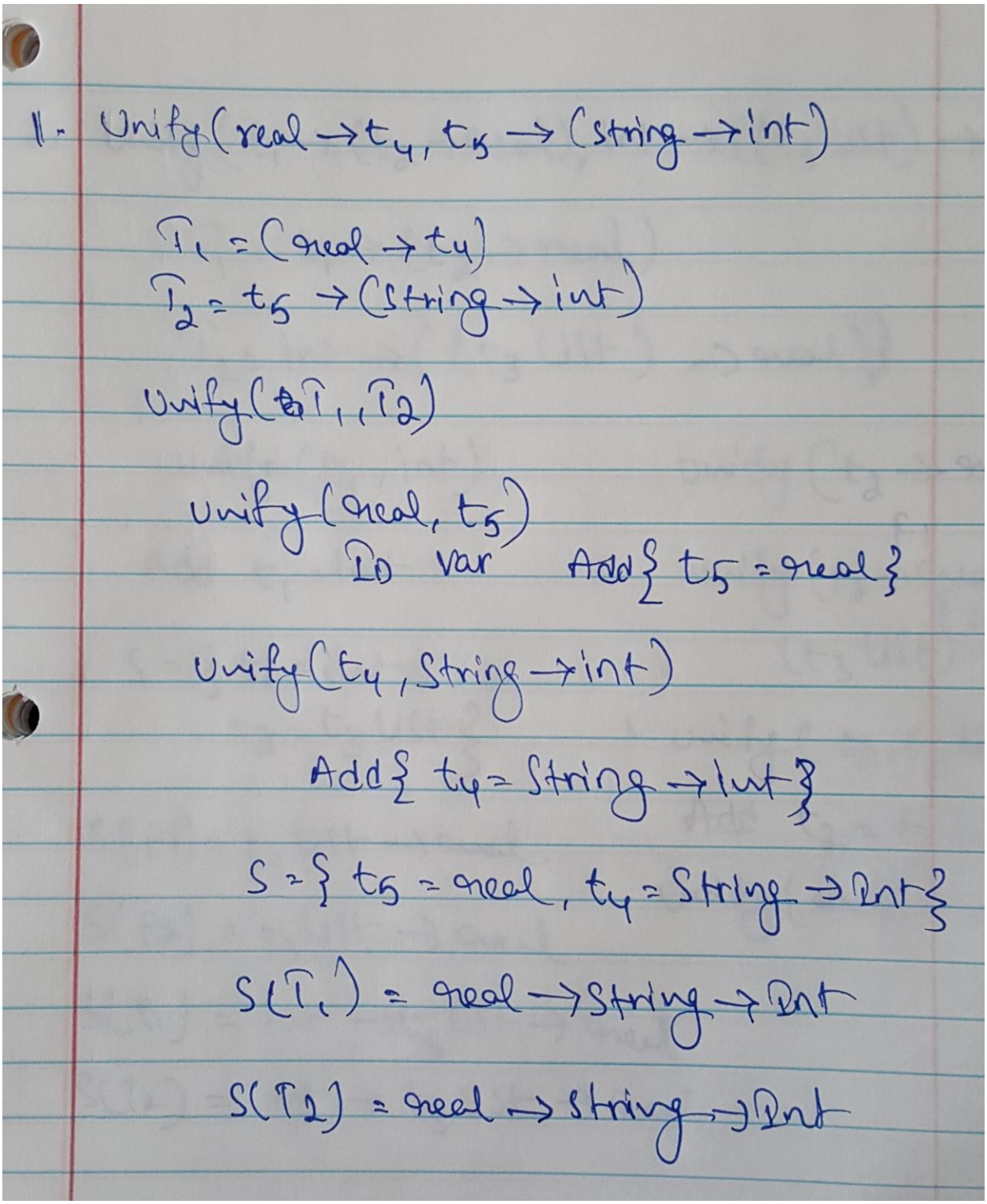
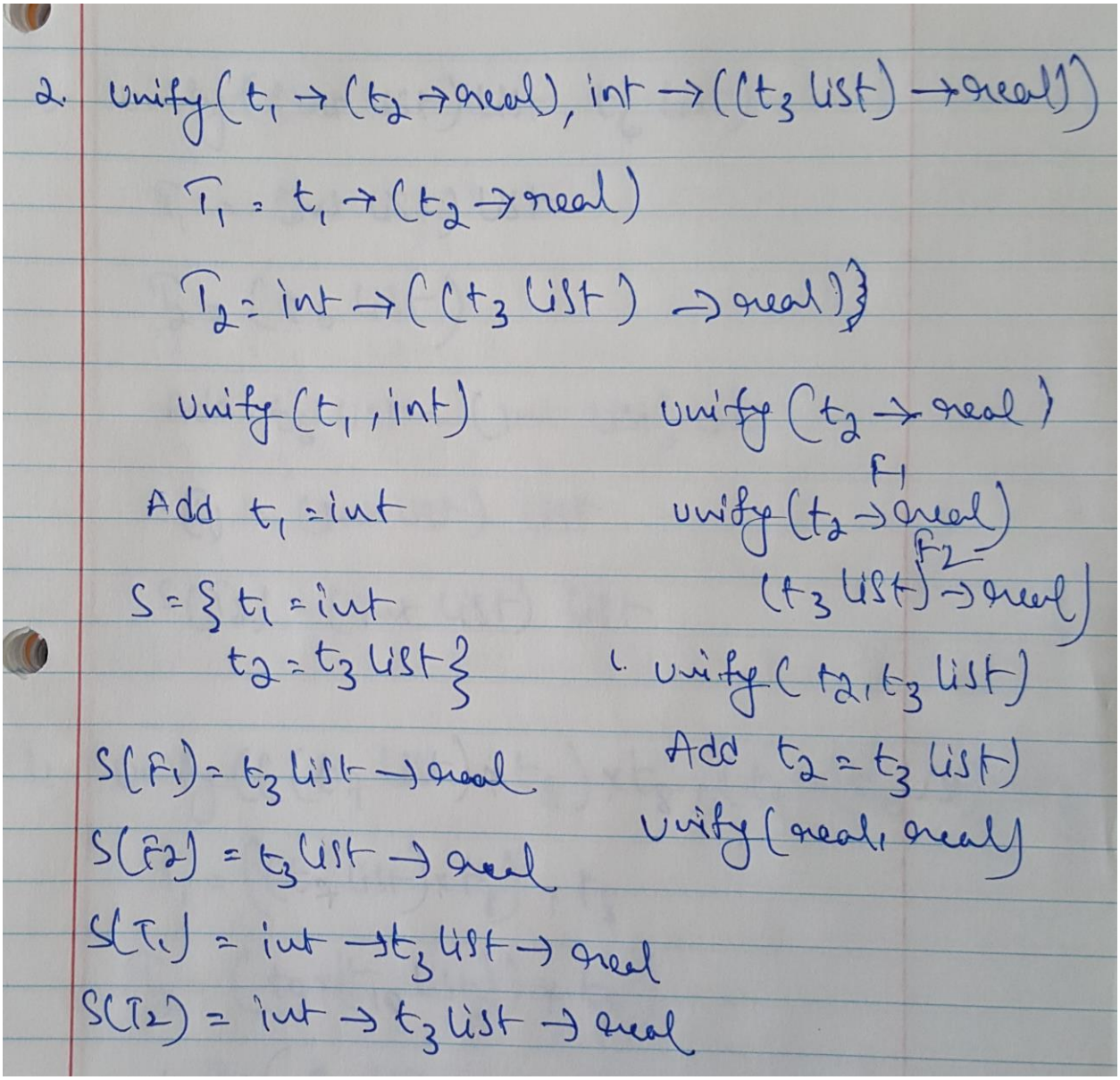

11. Unify(real → t4, t5 → (string → int)
T1 = (real → t4)
T2 = t5 → (String → int)
Unify(T1, T2)
unify(real, t5)
ID var Add{ t5 = real }
unify(t4, String → int)
Add{ t4 = String → Int }
S = { t5 = real, t4 = String → Int }
S(T1) = real → String → Int
S(T2) = real → String → Int


2. unify(t1 → (t2 → real), int → ((t3 list) → real))
T1 = t1 → (t2 → real)
T2 = int → ((t3 list) → real)
unify(t1, int)
Add t1 = int
S = { t1 = int
t2 = t3 list }
S(F1) = t3 list → real
S(F2) = t3 list → real
S(T1) = int → t3 list → real
S(T2) = int → t3 list → real
unify(t2 → real)
F1
unify(t2 → real)
F2
(t3 list) → real)
1. unify(t2, t3 list)
Add t2 = t3 list)
unify(real, real)

3. unify((int list) list, t_6 list)

T_1 = (int list) list

T_2 = (t_6 list)

Add t_6 list = (int list) list

$S(T_1)$ = (int list) list

$S(T_2)$ = (int list) list

4. unify(((t_7 list) x t_8) x t_8, (t_9 x (t_{10} list)) x t_9)

T_1 = ((t_7 list) x t_8) x t_8

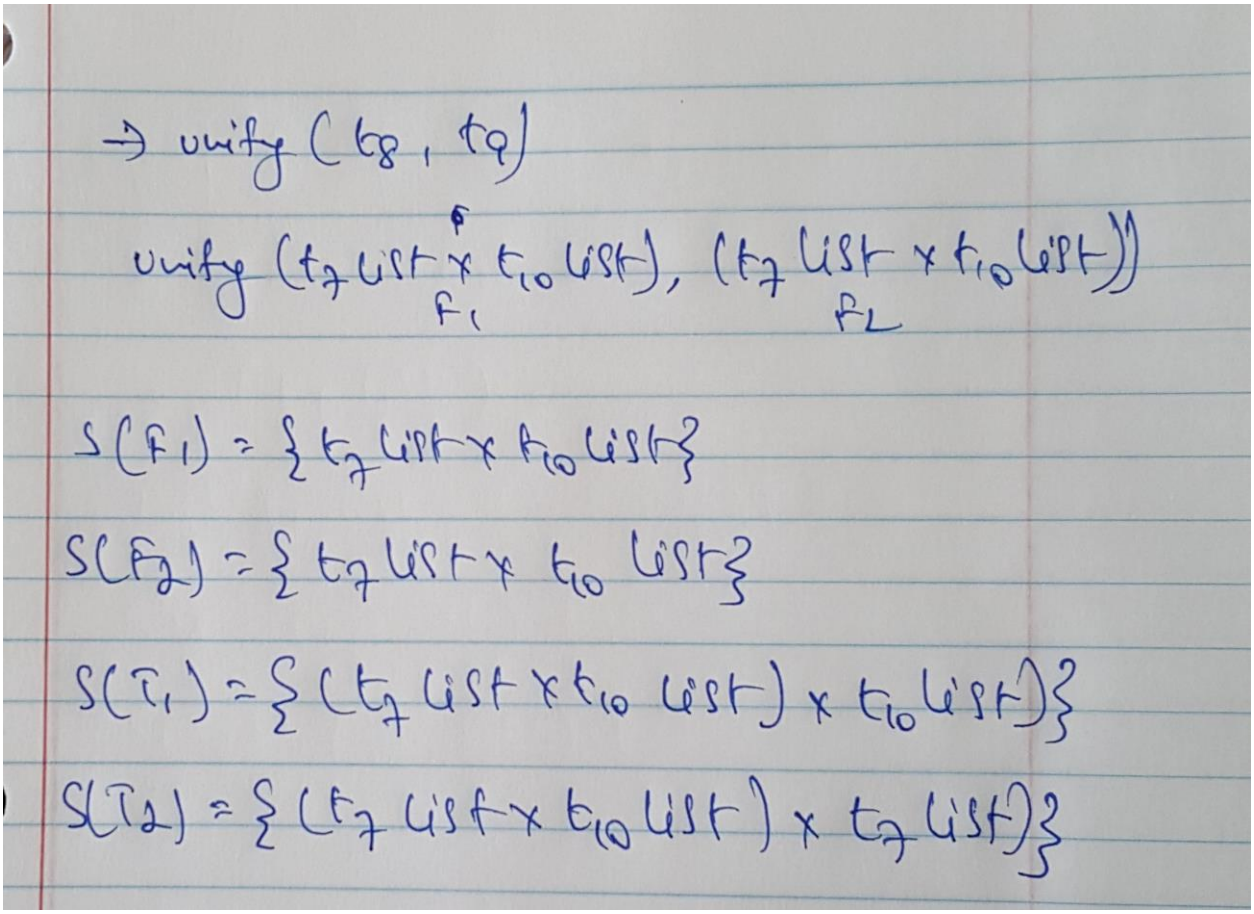
T_2 = (t_9 x (t_{10} list)) x t_9)

unify(t_7 list x t_8, t_9 x t_{10} list)

unify(t_7 list x t_9) unify(t_8 x t_{10} list)

add(t_9 = t_7 list) Add(t_8 = t_{10} list

S = { t_9 = t_7 list t_8 = t_{10} list)


→ unify (t8, t9)
unify (t7 list x t10 list), (t7 list x t10 list))
F1
F2
S(F1) = {t7 list x t10 list}
S(F2) = {t7 list x t10 list}
S(T1) = {(t7 list x t10 list) x t10 list)}
S(T2) = {(t7 list x t10 list) x t7 list)}