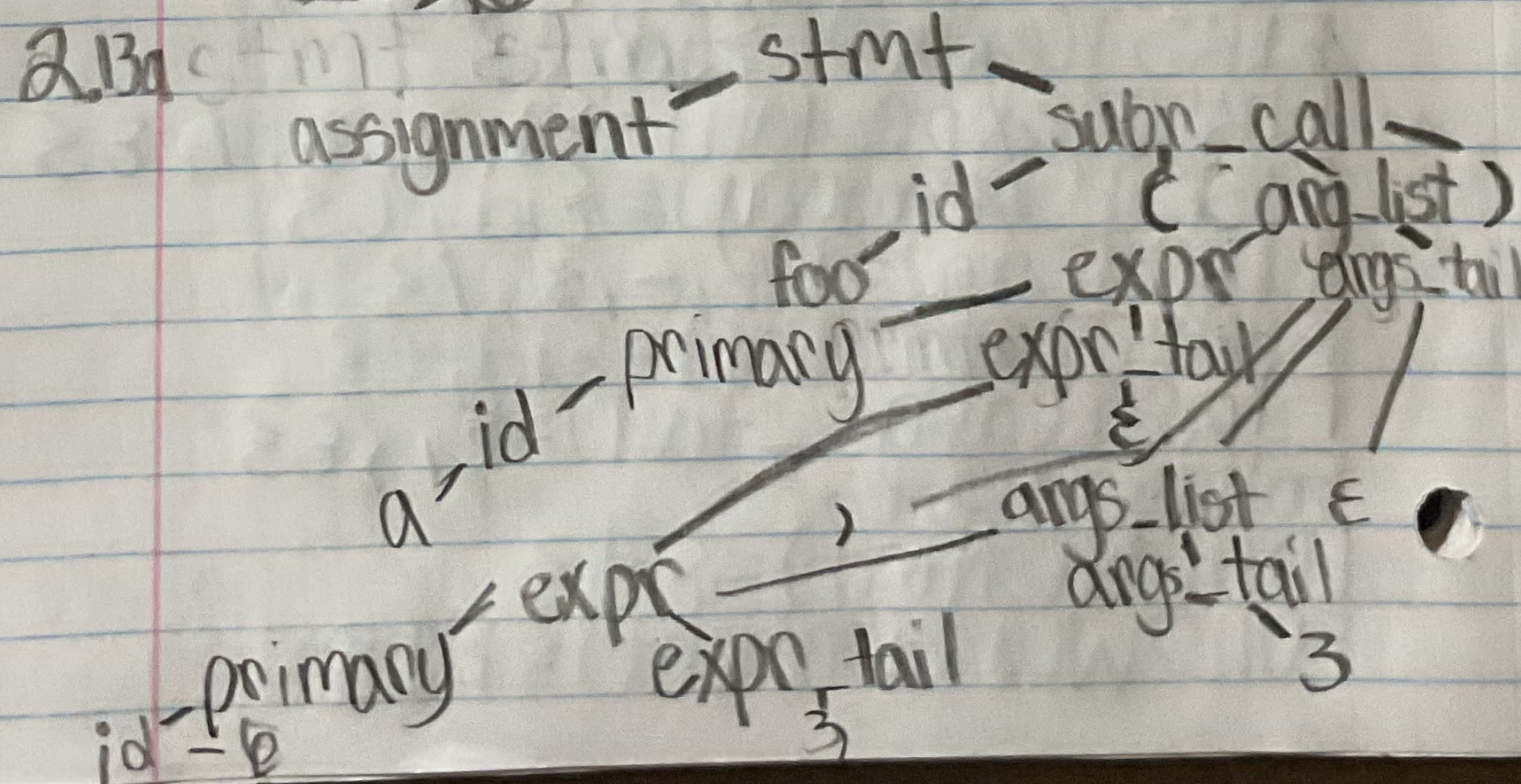
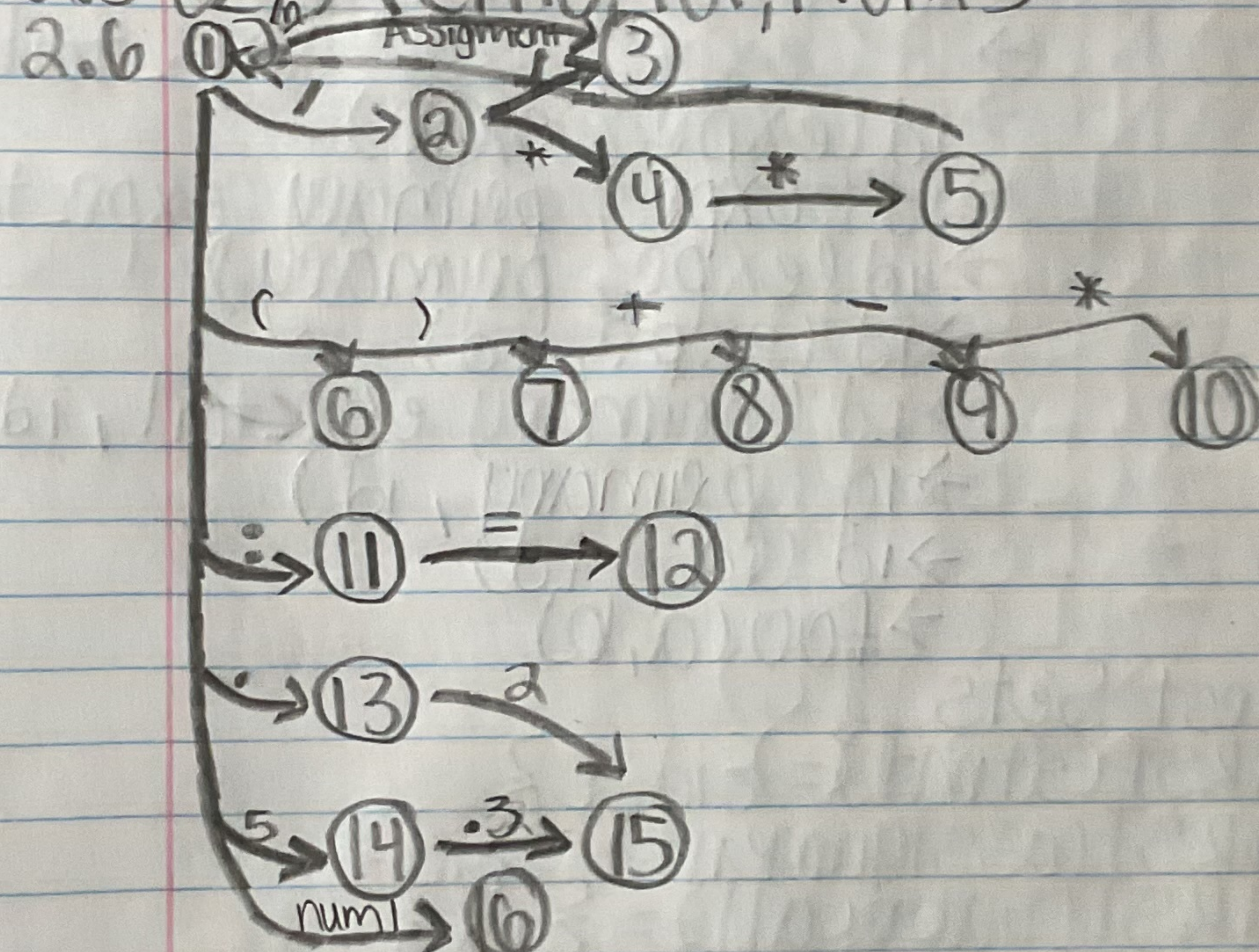


2.1a $([\wedge] \backslash \backslash n] \backslash \backslash .) ^ *)$

2.1f $\backslash \$ ^ * [0 1 \square - 9] [0 - 9] \{ 0, 2 3 4, [0 - 9] \{ 3 \}$
 $^ *) (\backslash . [0 - 9] \{ 2 3 \}$

2.3 $(\Sigma ^ +) \backslash \{ \text{file, for, from} \}$



FOLLOW (Subrcall) = £\$3

$\text{FOLLOW}(\text{expr}) = \{ \epsilon, \}, \{ \}$

FOLLOW (exor_tail) = E, , \$3

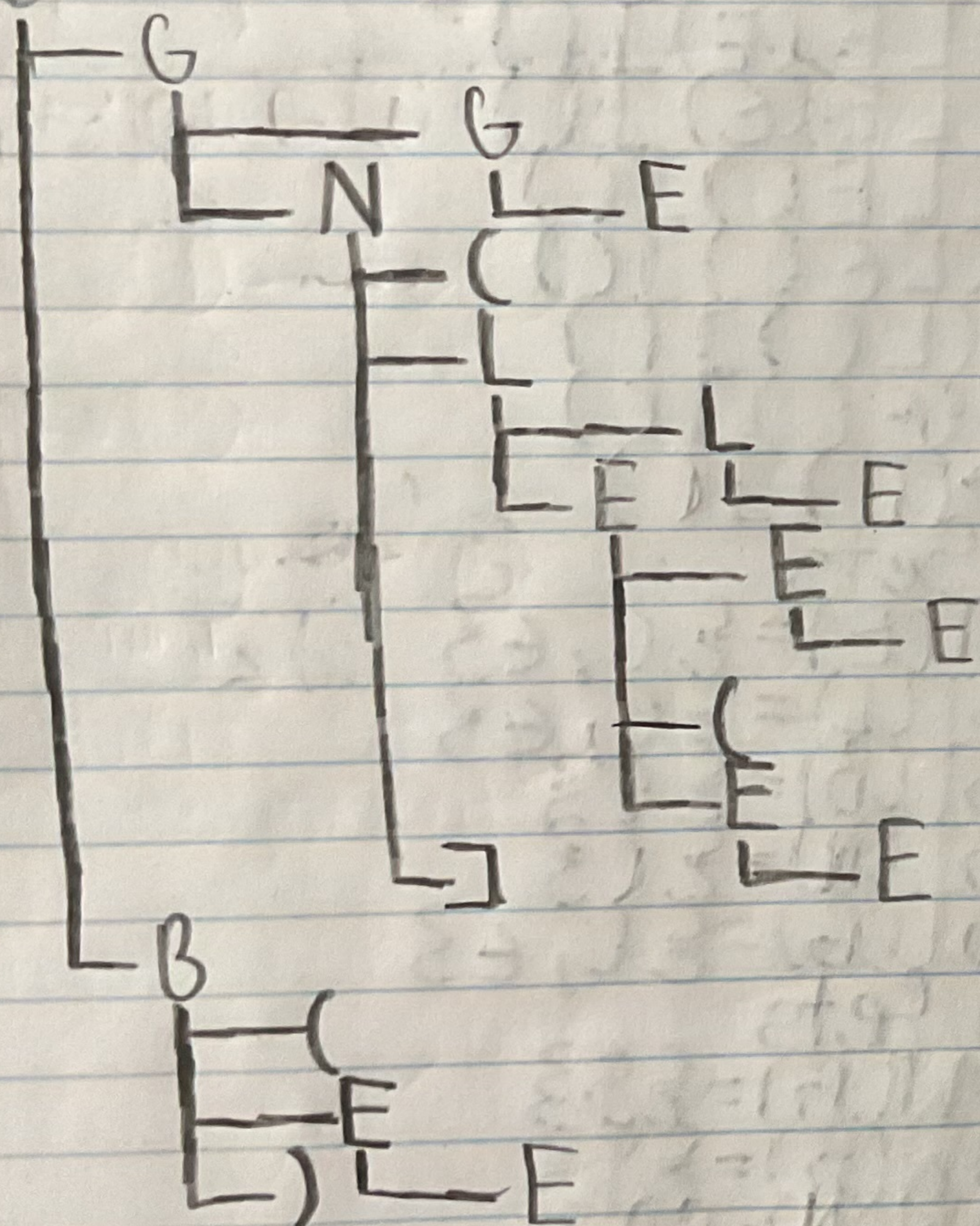
Follow (prim, op) = $\{+, -, *, /, \wedge, \vee, \wedge, \$\}$

$$FOLLOW(COP) = \{ID, C\}$$

FOLLOW (arg-list) = { }
FOLLOW (arg-list) = { }

$$FOIOWCarg_{s_tail} = \sum_{i=1}^n$$

2.56 G


$$2.15c \quad G \rightarrow GB$$

2.3b stmt $\rightarrow$ subr-call

→ id(arg_list)

→ id (expr args_tail)

→ id (expr, arg-list)

→ id (expr, expr args_tail)

→ id (expr, expr)

→ id (expr, primary, expr_tail)

→ id (expr, primary)

→ id (exp'n, id)

→ id (primary exp-tail, id)

→ id (primary, id)

→ id Cid, idy
→ Provable

$$\rightarrow \text{foo}(a, b)$$

First Sets

$$\text{FIRST}(\text{stmt}) = \text{Eid}, \text{C3}$$

FIRST(assignment) = {id}

FIRST(subcall) = {id}

$$\text{FIRST}(\text{expr}) = \{id, C\}$$
$$\text{FIRST}(\text{expr_tail}) = \{+, -, *, /, \epsilon\}$$

FIRST(primary) = $\{id, C3\}$

$$\text{FIRSTOP} = \text{ET} - 1 \times 13$$
$$\text{FIRST}(arg_list) = \{id, \{3\}$$

FIRST (args - tail) = ϵ_1, ϵ_3

Follow Set 45

$$\text{Follow}(\text{Sfmr}) = \{ \$ \}$$
$$\text{FOLLOW}(\text{assignment}) = \{ \$ \}$$

$\rightarrow GNB$
 $\rightarrow ENB$
 $\rightarrow NB$
 $\rightarrow N(E)$
 $\rightarrow NCE$
 $\rightarrow NC$
 $\rightarrow (L)()$
 $\rightarrow (LE)()$
 $\rightarrow (LE(E))()$
 $\rightarrow (LE(E))()()$
 $\rightarrow (LE())()()$
 $\rightarrow (LE())()()$
 $\rightarrow (L())()()$
 $\rightarrow (E())()()$
 $\rightarrow ()()()$

First Sets

$FIRST(E) = \{ \epsilon, L, E \}$
 $FIRST(L) = \{ \epsilon, L, E \}$
 $FIRST(B) = \{ \epsilon \}$
 $FIRST(N) = \{ \epsilon \}$
 $FIRST(G) = \{ \epsilon, L, E \}$

Follow Sets

$FOLLOW(G) = \{ \$ \}$
 $FOLLOW(B) = \{ \$ \}$
 $FOLLOW(N) = \{ \$ \}$
 $FOLLOW(E) = \{ \epsilon \}, \{ (\}$ $FOLLOW(L) = \{ \epsilon,] \}$