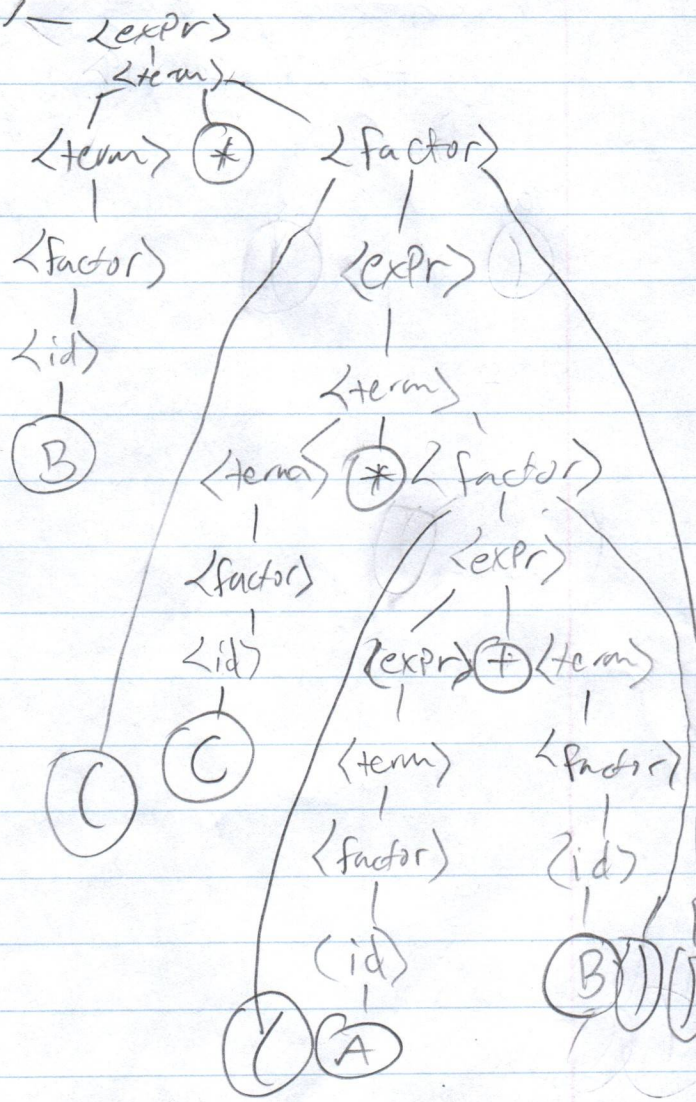
$A = B * (C * (A + B))$



Left most derivation

<assign> ⇒ <id> = <expr>

⇒ A = <expr>

= <term>

= <term> * <factor>

= <factor> * <factor>

= <id> * <factor>

= B * <factor>

= B * (<expr>)

= B * (<term>)

= B * (<term> * <factor>)

= B * (<factor> * <factor>)

= B * (<id> * <factor>)

= B * (C * <factor>)

= B * (C * <expr>)

= B * (C * (<expr> + <term>))

= B * (C * (<term> + <term>))

= B * (C * (<factor> + <term>))

= B * (C * (<id> + <term>))

= B * (C * (A + <term>))

= B * (C * (A + <factor>))

= B * (C * (A + <id>))

= B * (C * (A + B))