

Calculating *Follow* for the grammar:

Expr \rightarrow **Term Expr'**

Expr' \rightarrow **+ Term Expr' | - Term Expr' | ϵ**

Term \rightarrow **Factor Term'**

Term' \rightarrow *** Factor Term' | / Factor Term' | ϵ**

Factor \rightarrow **(Expr) | num | id**

First set:

	Expr	Expr'	Term	Term'	Factor
First	(, id, num	+, -, ϵ	(, id, num	*, /, ϵ	(, id, num

Algorithm for constructing Follow:

1. Put **eof** in Follow(S), where S is the start symbol
2. If there is a production $A \rightarrow \alpha B \beta$, then everything in First(β) except for ϵ is placed in Follow(B)
3. If there is a production $A \rightarrow \alpha B$, then everything in Follow(A) is in Follow(B)
4. If there is a production $A \rightarrow \alpha B \beta$ where First(β) contains ϵ , i.e. $\beta \Rightarrow^* \epsilon$, then everything in Follow(A) is in Follow(B)

Follow set:

Rule	Expr	Expr'	Term	Term'	Factor