

$S \rightarrow E \text{ EOF}$
 $E \rightarrow T E'$
 $E' \rightarrow + T E' \mid - T E' \mid \varepsilon$ $\text{NULL}(E')$
 $T \rightarrow F T'$
 $T' \rightarrow * F T' \mid / F T' \mid \varepsilon$ $\text{NULL}(T')$
 $F \rightarrow (E) \mid \text{NUM}$

$\text{FIRST}(S) = \text{FIRST}(E \text{ EOF}) = \text{FIRST}(E) = \{ (, \text{NUM} \}$
 $\text{FIRST}(E) = \text{FIRST}(T E') = \text{FIRST}(T) = \{ (, \text{NUM} \}$
 $\text{FIRST}(E') = \{ +, - \}$
 $\text{FIRST}(T) = \text{FIRST}(F) = \{ (\}$
 $\text{FIRST}(T') = \{ *, / \}$
 $\text{FIRST}(F) = \text{FIRST}((E)) = \{ (, \text{NUM} \}$

$\$ \in \text{FOLLOW}(S)$
 $\text{FIRST}(\text{EOF}) \subseteq \text{FOLLOW}(E)$
 $\text{FOLLOW}(S) \subseteq \text{FOLLOW}(\text{EOF})$
 $\text{FIRST}(E') \subseteq \text{FOLLOW}(T)$
 $\text{FOLLOW}(E) \subseteq \text{FOLLOW}(T)$
 $\text{FOLLOW}(E) \subseteq \text{FOLLOW}(E')$
 $\text{FOLLOW}(E') \subseteq \text{FOLLOW}(T)$
 $\text{FIRST}(E') \subseteq \text{FOLLOW}(T)$
 $\text{FOLLOW}(T) \subseteq \text{FOLLOW}(F)$
 $\text{FOLLOW}(T) \subseteq \text{FOLLOW}(T')$
 $\text{FOLLOW}(T') \subseteq \text{FOLLOW}(F)$
 $\text{FIRST}(T') \subseteq \text{FOLLOW}(F)$
 $\text{FIRST}()) \subseteq \text{FOLLOW}(E)$
 $\text{FOLLOW}(F) \subseteq \text{FOLLOW}()$

	$\mid \text{FOLLOW}$
S	$\mid \$$
E	$\mid), \$$
E'	$\mid), \$$
T	$\mid +, -, \$,)$
T'	$\mid), +, -, \$$
F	$\mid *, /, +, -, \$$

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$S \rightarrow E \text{ EOF}$	\mid	$\{ (, \text{NUM} \}$
$E \rightarrow T E'$	\mid	$\{ (, \text{NUM} \}$
$E' \rightarrow + T E'$	\mid	$\{ + \}$
$E' \rightarrow - T E'$	\mid	$\{ - \}$
$E' \rightarrow \varepsilon$	\mid	$\{), \$ \}$
$T \rightarrow F T'$	\mid	$\{ (, \text{NUM} \}$
$T' \rightarrow * F T'$	\mid	$\{ * \}$
$T' \rightarrow / F T'$	\mid	$\{ / \}$
$T' \rightarrow \varepsilon$	\mid	$\{), +, -, \$ \}$
$F \rightarrow (E)$	\mid	$\{ (\}$
$F \rightarrow \text{NUM}$	\mid	$\{ \text{NUM} \}$