Homework #2 - FIRST & FOLLOW Sets

1. Use the following context-free grammar and answer the questions.

```
G  -> E
E  -> T Ep
Ep -> + T Ep
   |  - T Ep
   |  ε
T  -> F Tp
Tp -> * F Tp
   |  / F Tp
   |  ε
F  -> id
   |  num
```

A) Calculate FIRST set for each non-terminal and terminal.

B) Calculate FOLLOW set for each non-terminal.