<exp> ::= <exp> <addop> <term> | <term>
<addop> ::= + | -
<term> ::= <term> <mulop> <factor> | <factor>
<mulop> ::= *
<factor> ::= (<exp>) | num

STEP 1: REMOVE ALTERNATIONS '|' (accept for some terminals) and list the terminals and nonterminals. This is done for clarity

| list of productions without alternation:
0) <S> ::= <exp> $
1) <exp> ::= <exp> <addop> <term>
2) <exp> ::= <term>
3) <addop> ::= + \| -
4) <term> ::= <term> <mulop> <factor>
5) <term> ::= <factor>
6) <mulop> ::= *
7) <factor> ::= (<exp>)
8) <factor> ::= num | STEP 2: COMPUTE THE FIRST SET

<+>

<->

<*>

<(>

<)>

<num>

<exp>

<addop>

<term>

<mulop>

<factor> |

STEP 3: COMPUTE THE FOLLOW SET. Not really needed because there are no ε, but we do it here for practice.
1) <exp> ::= <exp> <addop> <term>
2) <exp> ::= <term>
4) <term> ::= <term> <mulop> <factor>
5) <term> ::= <factor>
7) <factor> ::= (<exp>)

	First	prod 1	prod 2	prod 4	prod 5	prod 7	Follow
<exp>	(,num						
<addop>	+,-						
<term>	(,num						
<mulop>	*						
<factor>	(,num						

THE FIRST SET
<exp>   (,num
<addop>   +,-
<term>   (,num
<mulop>   *
<factor>   (,num

Step 4. Compute the predict sets.
1) <exp> ::= <exp> <addop> <term>

2) <exp> ::= <term>

3) <addop> ::= + | -

4) <term> ::= <term> <mulop> <factor>

5) <term> ::= <factor>

6) <mulop> ::= *

7) <factor> ::= (<exp>)

8) <factor> ::= num