

Step: 1
Stack: E \$
Input: 123 + \$
Action: Expand: E -> T E_prime



Step: 2
Stack: T E_prime \$
Input: 123 + \$
Action: Expand: T -> F T_prime



Step: 3
Stack: F T_prime E_prime \$
Input: 123 + \$
Action: Expand: F -> LITERAL



Step: 4
Stack: LITERAL T_prime E_prime \$
Input: 123 + \$
Action: Match terminal: 'LITERAL'



Step: 5
Stack: T_prime E_prime \$
Input: + \$
Action: Expand: T_prime -> eps



Step: 6
Stack: E_prime \$
Input: + \$
Action: Expand: E_prime -> PLUS T E_prime



Step: 7
Stack: PLUS T E_prime \$
Input: + \$
Action: Match terminal: 'PLUS'



Step: 8
Stack: T E_prime \$
Input: \$
Action: Error: No production rule for M['T', '\$'].