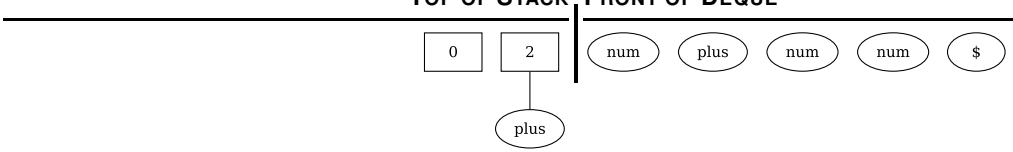
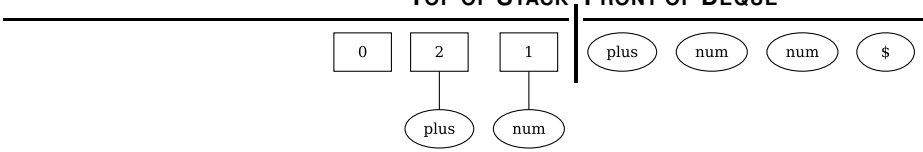
Operation: begin

TOP OF STACK	FRONT OF DEQUE
0	plus num plus num num $

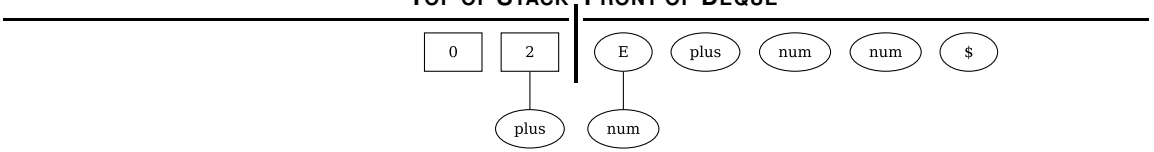
Operation: shift plus to stack, goto state 2



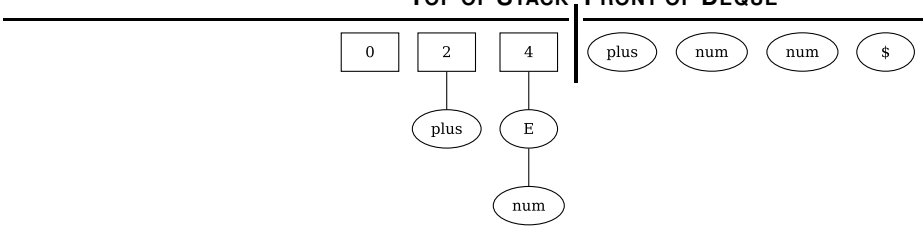
Operation: shift num to stack, goto state 1



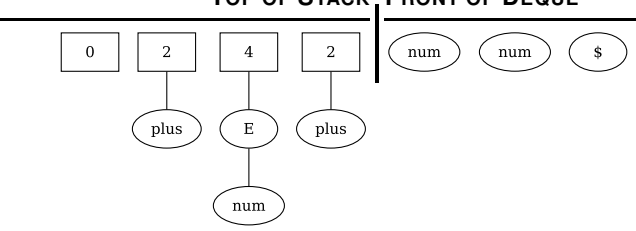
Operation: reduce by rule 3 $E \rightarrow num$



Operation: shift E to stack, goto state 4

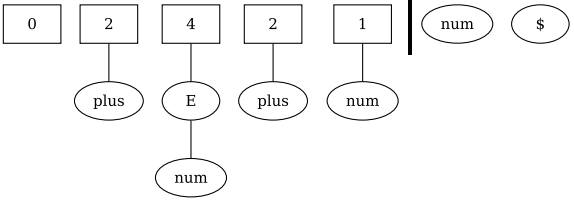


Operation: shift plus to stack, goto state 2



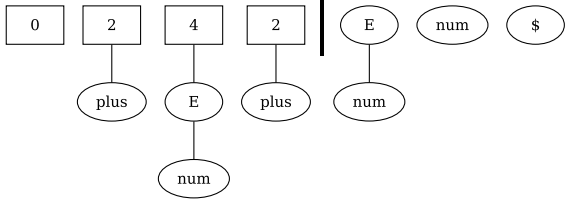
Operation: shift num to stack, goto state 1

TOP OF STACK | **FRONT OF DEQUE**



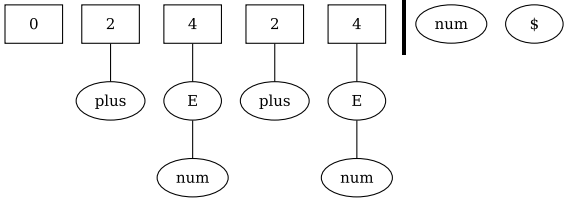
Operation: reduce by rule 3 $E \rightarrow num$

TOP OF STACK | **FRONT OF DEQUE**



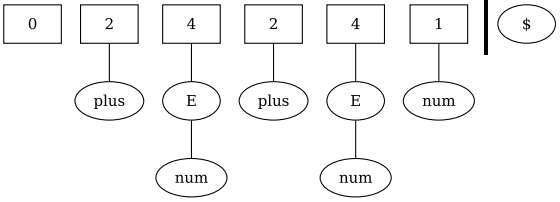
Operation: shift E to stack, goto state 4

TOP OF STACK | **FRONT OF DEQUE**



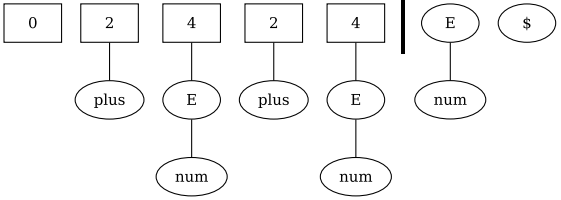
Operation: shift num to stack, goto state 1

TOP OF STACK | **FRONT OF DEQUE**



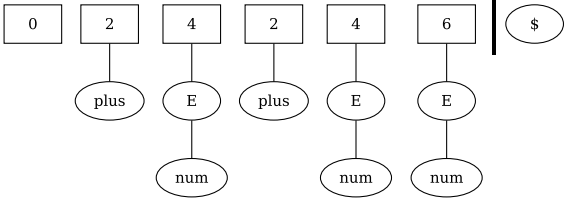
Operation: reduce by rule 3 $E \rightarrow num$

TOP OF STACK | **FRONT OF DEQUE**



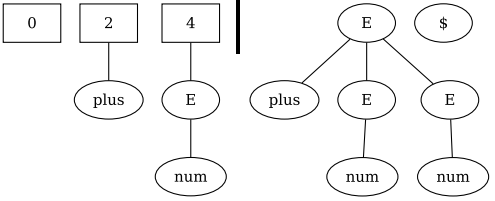
Operation: shift E to stack, goto state 6

TOP OF STACK | **FRONT OF DEQUE**



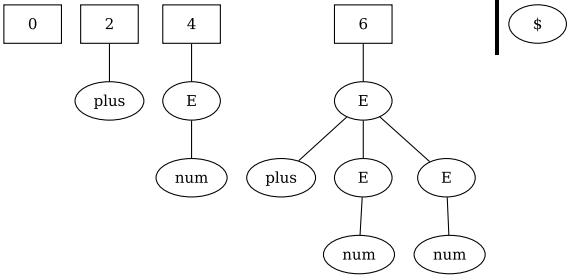
Operation: reduce by rule 2 $E \rightarrow plus\ E\ E$

TOP OF STACK | **FRONT OF DEQUE**



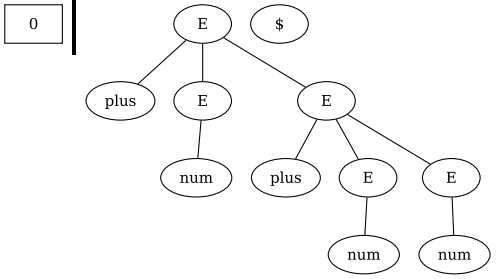
Operation: shift E to stack, goto state 6

TOP OF STACK | **FRONT OF DEQUE**



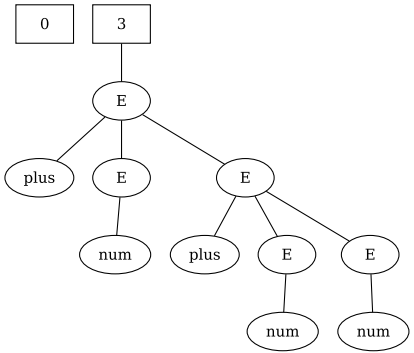
Operation: reduce by rule 2 $E \rightarrow plus\ E\ E$

TOP OF STACK | **FRONT OF DEQUE**



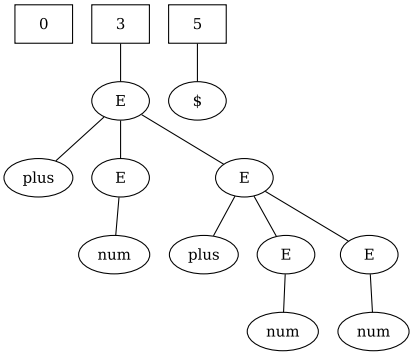
Operation: shift E to stack, goto state 3

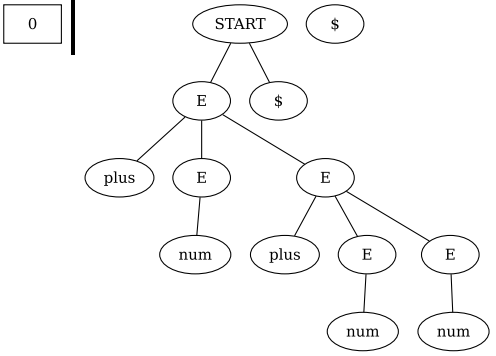
TOP OF STACK | **FRONT OF DEQUE**



Operation: shift $ to stack, goto state 5

TOP OF STACK | **FRONT OF DEQUE**



Operation: reduce by rule 1 $START \rightarrow E\ \$$

TOP OF STACK | **FRONT OF DEQUE**