

Postfix Expression: $a\ b\ *\ c\ a\ -\ /\ d\ e\ *\ +$
Variables: $a = 2, b = 3, c = 4, d = 5, e = 6$

Next Character from Postfix Expression	Evaluation	Stack
a	a	2
b	b	2 3
*	* 3	2
*	2 * 3	
*	2 * 3	6
c	c	6 4
a	2	6 4 2
-	- 2	6 4
-	4 - 2	6
-	4 - 2	6 2
/	/ 2	6
/	6 / 2	
/	6 / 2	3
d	d	3 5
e	e	3 5 6
*	* 6	3 5
*	5 * 6	3
*	5 * 6	3 30
+	+ 30	3
+	3 + 30	
+	3 + 30	33

Postfix Expression Evaluation: 33