Expression: df*1+e*ab^bc*-1+/72-
54*1+6*23^34*-1+/72-
a = 2, b = 3, c = 4, d = 5, e = 6, f = 7

Next Character from Infix Expressions	Substitued Value	Stack
d	5	5
f	7	5, 7
*	7 * 5	35
1	1	35, 1
+	1 + 36	36
e	6	36, 6
*	6 * 36	216
a	2	216, 2
b	3	216, 2, 3
^	3^2	216, 9
b	3	216, 9, 3
c	4	216, 9, 3, 4
*	4 * 3	216, 9, 12
-	12 - 9	216, 3
1	1	216, 3, 1
+	1 + 3	216, 4
/	216 / 4	54
72	72	54, 72
-	72 - 54	**18**