Next character in infix expression	Postfix form	Operator stack (bottom to top)
a	a	
*	a	*
b	a b	*
/	a b *	
	a b *	/
(	a b *	/ (
c	a b * c	/ (
-	a b * c	/ (-
a	a b * c a	/ (-
)	a b * c a -	/ (
	a b * c a -	/
+	a b * c a - /	
d	a b * c a - / d	+
*	a b * c a - / d	+ *
e	a b * c a - / d e	+ *
	a b * c a - / d e *	+
	a b * c a - / d e * +	