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Given expression $a*(b+c)/d$.

I/p	Stack	O/p
a		a
*	*	a
(*(a
b	*(ab
+	*(+	ab
c	*(+	abc
)	*	abc+
/	/	abc+*
d	/	abc+*d
Pop all elements		abc+*d/

$a*(b+c)/d \Rightarrow abc+*d/$

Infix

Postfix

Q]

inp	Stack	o/p
a		a
+	+	a
b	+	ab
-	-	ab+
c	-	ab+c
/	-/	ab+c
d	-/	ab+cd
&	&	ab+cd/-
e	&	ab+cd/-e
|	|	ab+cd/-e&
f	|	ab+cd/-e&f
Pop all from stack		ab+cd/-e&f|

$$a + b - c / d \& e | f \Rightarrow ab + cd / e \& f |$$

$$A + (B - C * (D / E) * F)$$

IP	stack	O/P
A		A
+		A
		A +
(	(	A +
B	(	A + B
	(	A + B
-	(-	A + B
C	(	A + B - C
	(	A + B - C
*	(*	A + B - C *
(	((	A + B - C * D
/	((/	A + B - C * D /
E	((	A + B - C * D / E
)	(	A + B - C * D / E
	(	A + B - C * D / E
*	(*	A + B - C * D / E *
F	(	A + B - C * D / E * F
)		A + B - C * D / E * F
		A + B - C * D / E * F