

Postfix: A B + E F / *

Infix:

$(A+B) * (E/F)$

- Encounter an operator, pop out last 2 operands from the stack.
- Let's say that the last 2 popped out elements from the stack are in the order: Y and X
- Then, place the operator between them in the order:
- $X <\text{operator}> Y$
- Put the obtained expression in parenthesis & then move it into expression: $(X <\text{operator}> Y)$
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B A A+B

F E (E/F)

$(E/F) (A+B) : ((A+B) * (E/F))$

Symbol Scanned	Stack	Expression (Stack2)
A	A	
B	AB	
+		(A+B)
E	E	
F	EF	
/		(A+B) (E/F)
*		(A+B) * (E/F)