

Prefix: * + A B / E F

Infix:

Rules:

- Reverse the input: F E / B A + *
- If operand comes, push into stack
- If operator comes, then pop out last 2 elements, let's say in order Y and X
- Insert operator between them in order:
Y <operator> X (equivalent of reversing the order)
- Put the expression into parenthesis and push it in stack2: (Y <operator> X)