

# Rules for Infix to postfix

1. Print operand as they arrive
2. If stack is empty or contain a left parathesis on top, push the incoming operator onto the stack
3. If incoming symbol is '(' push in to stack
4. If incoming symbol is ')' pop the stack and print the operators until left parathesis is found
5. If incoming symbol has higher precedence then the top of the stack, push it on the stack
6. If incoming symbol has lower precedence's then the top of the stack,pop and print the top then test the incoming operator against the new top of the stack
7. If incoming operator has equal precedence with the top of the stack use associativity rule
8. At the end of the expression , pop and print all operators of the stack

**Associativity L to R then pop and print the top of the stack and then push the incoming operator**

**R to L then push the incoming operator**