

3) (10 pts) DSN (Stacks: Infix to Postfix Conversion)

Convert the following from an infix expression to a postfix expression. Show the state of the operator stack at each of the indicated points (A, B, and C):

14 + 18 * 9 - 3 + (4 - 8) * (9 - 6) / 2

^
^
^

A
B
C

A

B

C

Give the final postfix expression here:

What is the final value of this postfix expression?
