

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

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^
^

A
B
C

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A

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B

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C

Give the final postfix expression here:

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What is the final value of this postfix expression?

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