Review for Test 2:

Tuesday, October 8, 2019 11:00 AM

simplify using the laws of losic:

(A+B) A+C

method# (A+B) AC DeMorgan's

absorption A(A+B) = A $\widehat{A}(\overline{A}+\overline{B}) = \widehat{A}$

AC absorption

method #2: (A+B) A+C

(A+B) AC DeMosers

AAC + BAC distributive

Ā C + B Ā C idempotent

AC(1+B) distributue

AC. 1 identity

₹ē

method $(\widehat{A} + \widehat{B}) \overline{A + C}$

AB A+C Demogans

AB + A+C "

5. mp 1. fg

absorption complement