MEMS 0031 - Electrical Circuits
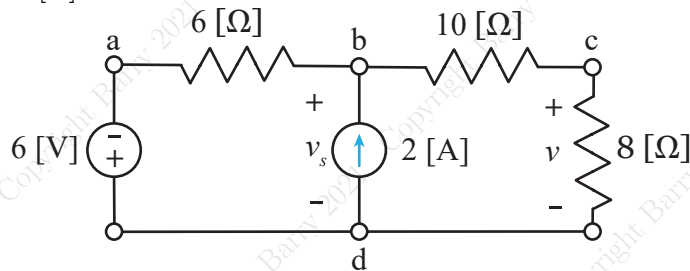**Quiz #2**
Assigned: February 15th, 2021
Due: February 19th, 2021, 9:00 pm
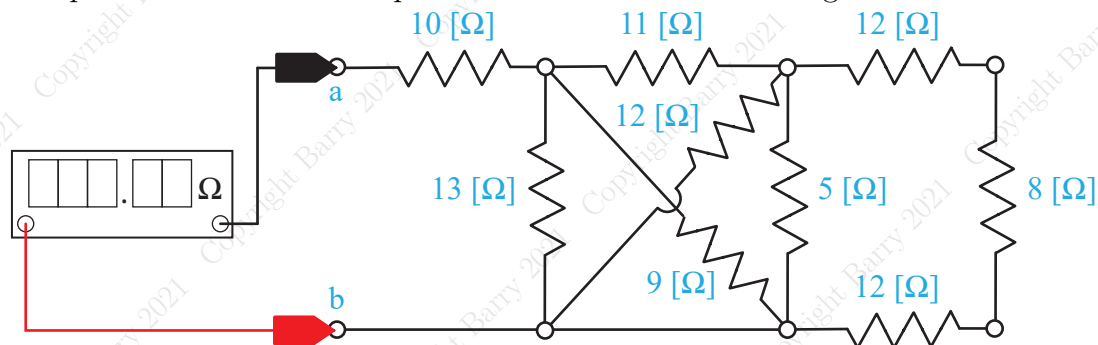
Name: _____

Intermediate Problem #1

(1.5 pts) Using Kirchhoff's Voltage and Current Laws, determine the voltage drop, v across the 8 [Ω] resistor:
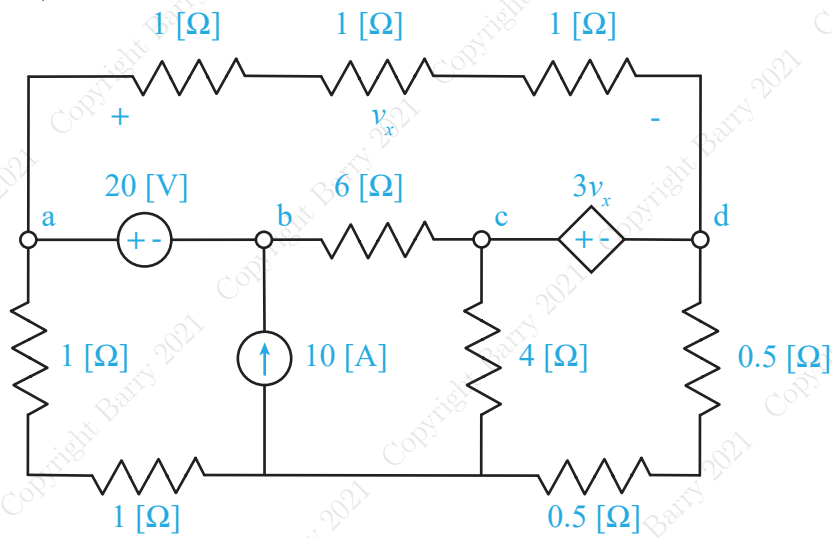
Intermediate Problem #2

(1.5 pts) Determine the equivalent resistance of the circuit as measured by the multimeter. Recall expressions for series and parallel resistors. Note the bridge.

Challenge Problem #1

(2 pts) Using Kirchhoff's Current and Voltage Laws, determine the voltage V_x.

Academic Integrity Statement:

I hereby attest that I have received no assistance (from a friend, from another student, from an on-line resource, such as Chegg, etc.), and that I have provided no assistance to another student, during this exam. All the work presented within is solely my own work.

Signature: _____

Date: _____