

## MEMS 0031 - Electrical Circuits

### Quiz #1

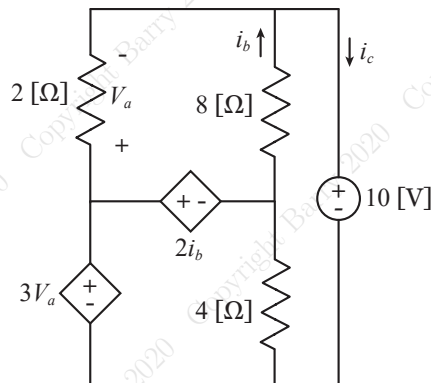
Assigned: May 21<sup>st</sup>, 2020

Due: May 22<sup>nd</sup>, 2020, 9:00 pm

Name: \_\_\_\_\_

### Problem #1

Using a combination of KCL and KVL, determine the currents  $i_b$  and  $i_c$  and the voltage  $V_a$ :



### 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: \_\_\_\_\_