

# 23S-EC ENGR-3-LEC-1 Quiz - 2

SANJIT SARDA

TOTAL POINTS

**10 / 10**

QUESTION 1

1 Q1 2 / 2

- ✓ - **0 pts** Correct
- **2 pts** Incorrect

QUESTION 2

2 Q2 8 / 8

- ✓ - **0 pts** Correct
- **2 pts** Partially Incorrect (a)
- **4 pts** Incorrect (a)
- **2 pts** Partially Incorrect (b)
- **4 pts** Incorrect (b)

ECE3 Spring 2023  
Quiz 2

Name Sarda | Sanjit  
Family Name Given Name  
UID 805964 031

1. IN THIS PROBLEM, CIRCLE YOUR ANSWER.

You will, under certain circumstances, be able to retake a quiz.

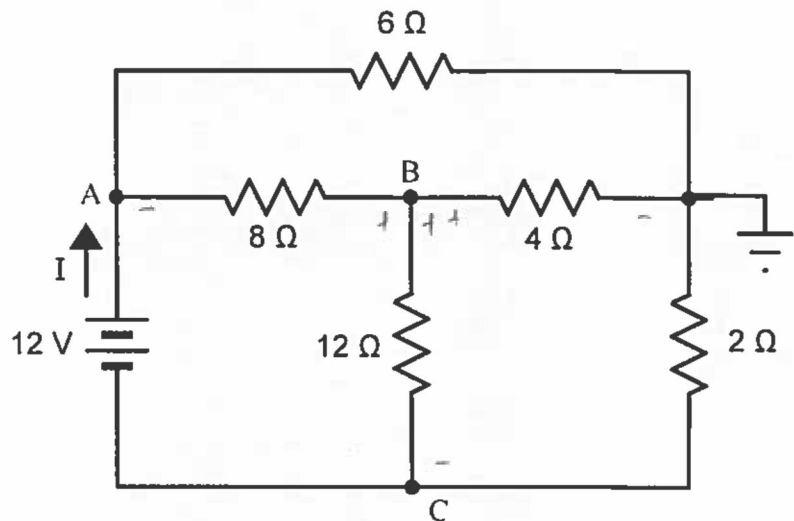
TRUE

FALSE



2. This is the circuit from the Week 2 lecture and Practice Problems.

- Write (do not solve) the KCL equation for Node B.
- Write (do not solve) the equation that relates two of the three labeled nodes.



Ⓐ  $\frac{V_B - V_A}{8} + \frac{V_B}{4} + \frac{V_B - V_C}{12} = 0$

Ⓑ  $V_A = V_C + 12$

