

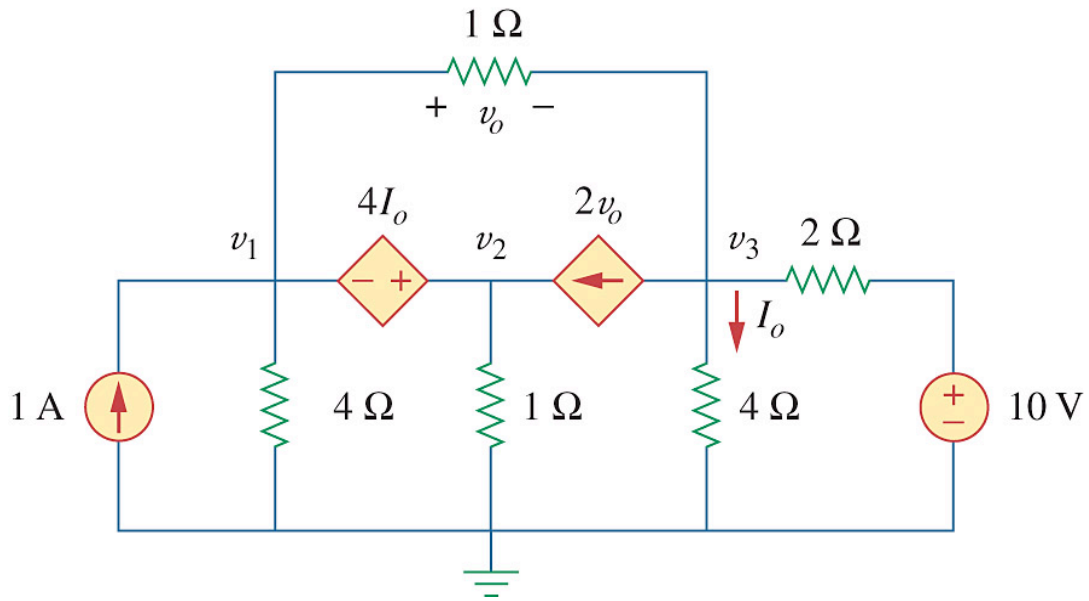
Boise State University
Electrical Engineering Department

EE 210: Circuits I
Spring 2018

Due Date: Wed. 2/28/2017

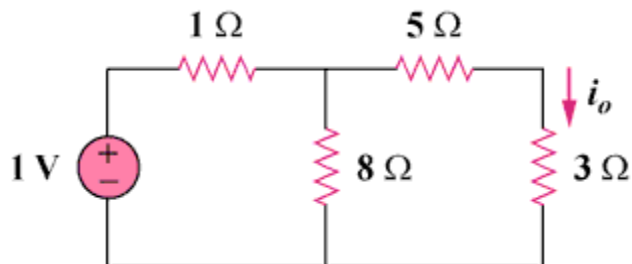
Problem 1.

Find the node voltages for the circuit in Fig. 3.80.



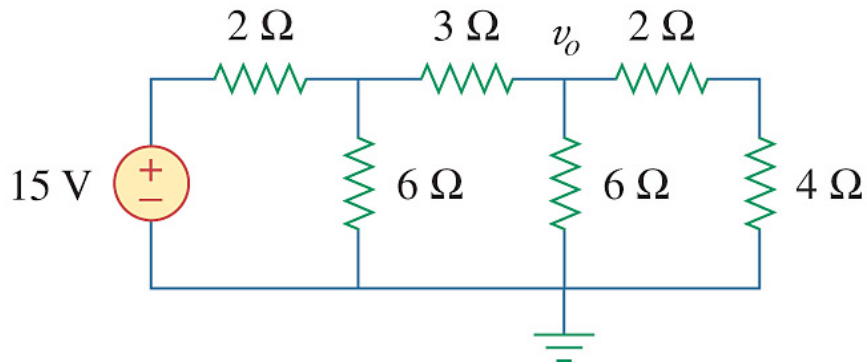
Problem 2

Calculate the current i_o in the circuit. What does this current become when the input voltage is raised to 10 V?



Problem 3

For the circuit, assume $v_o = 1$ V, and use linearity to find the actual value of v_o .



Problem 4

Use mesh analysis to find the current i_o in the circuit.

