

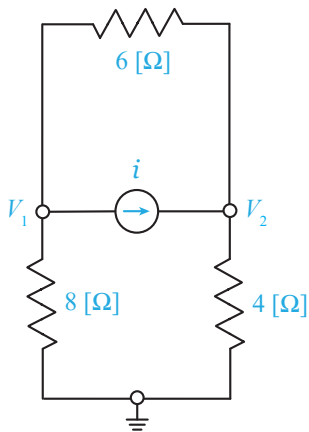
Node Voltage Analysis

MEMS 0031 - Electrical Circuits

May 27, 2020

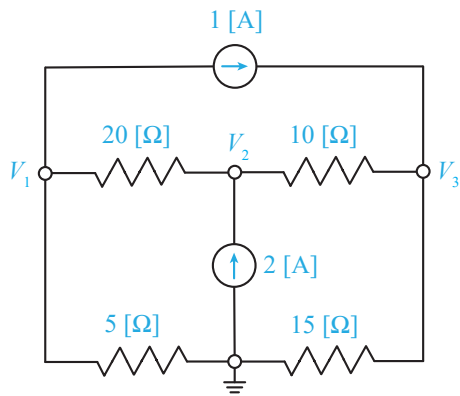
Problem #1

Use NVA to solve for the nodal voltage given a source current of 1 [A].



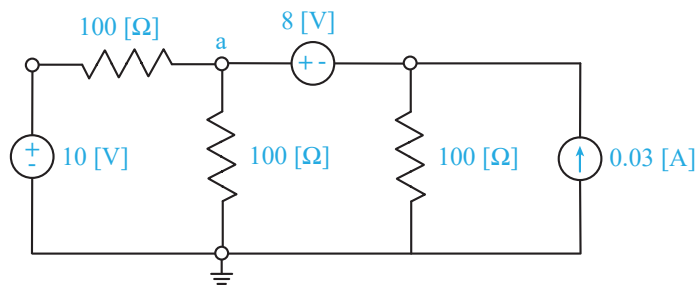
Problem #2

Use NVA to solve for v_1 , v_2 and v_3 in the circuit shown below.



Problem #3

Use NVA to find the node voltages in the circuit shown below.



Problem #4

Use NVA to find i_x in the circuit shown below.

