



Finish super-mesh example.





**THE OHIO STATE UNIVERSITY**

COLLEGE OF ENGINEERING

# Node Voltage and Mesh Current Analysis Examples

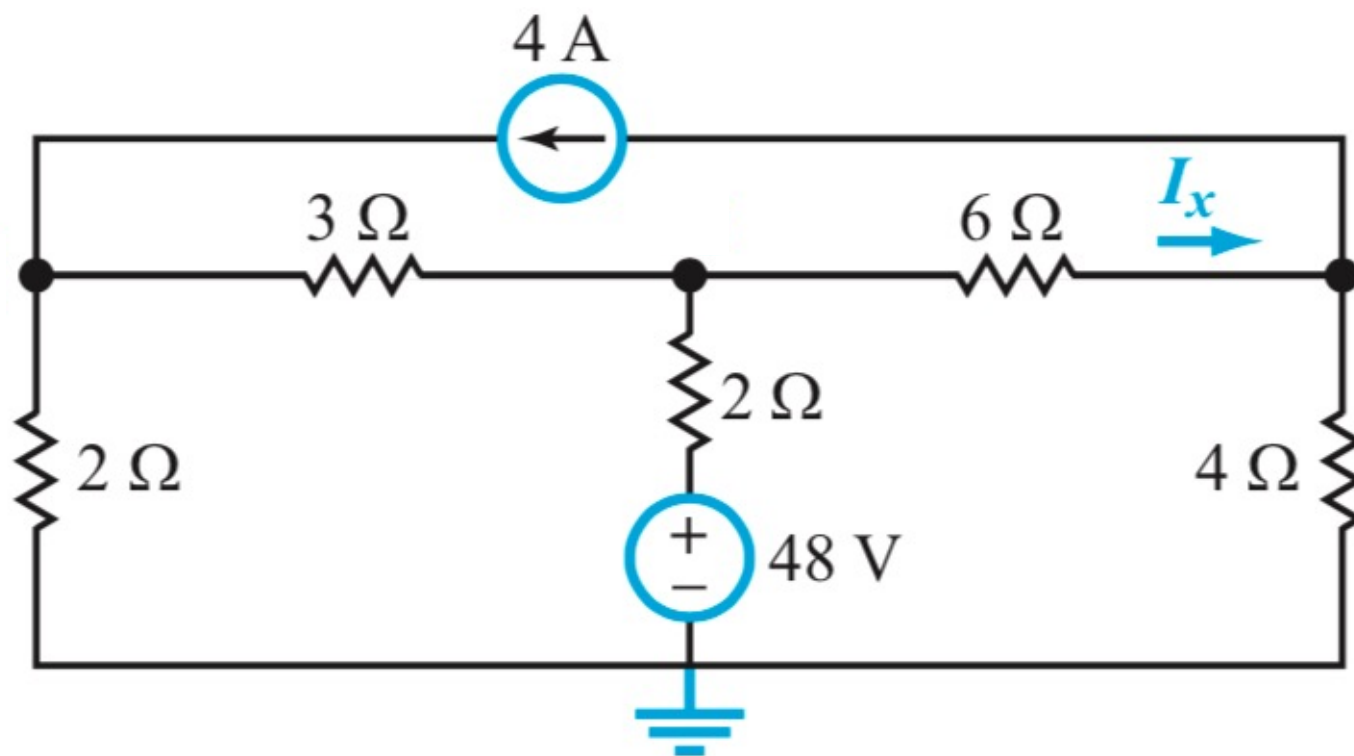


- Learning Objectives:
  - Apply the node-voltage and mesh current analysis technique to linear electric circuits.





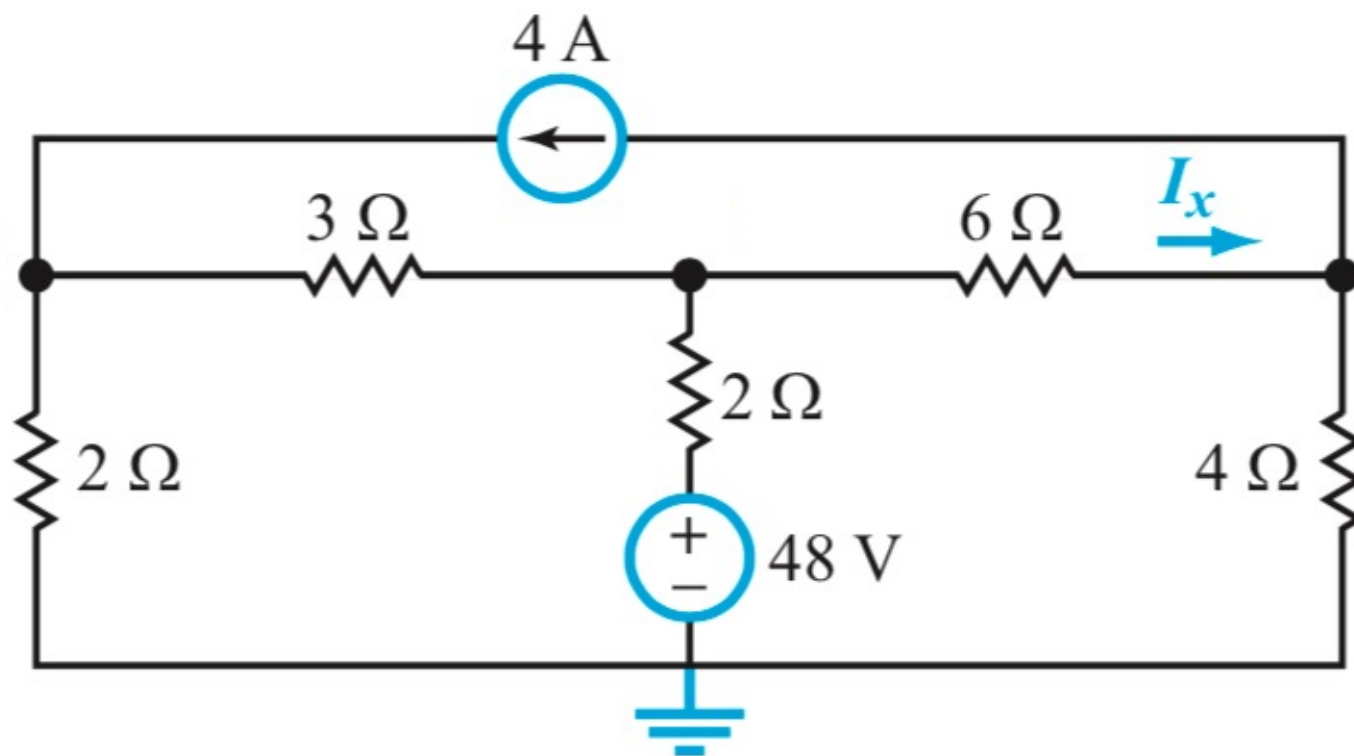
Apply nodal analysis to find node voltages in the circuit below and then determine  $I_x$ .





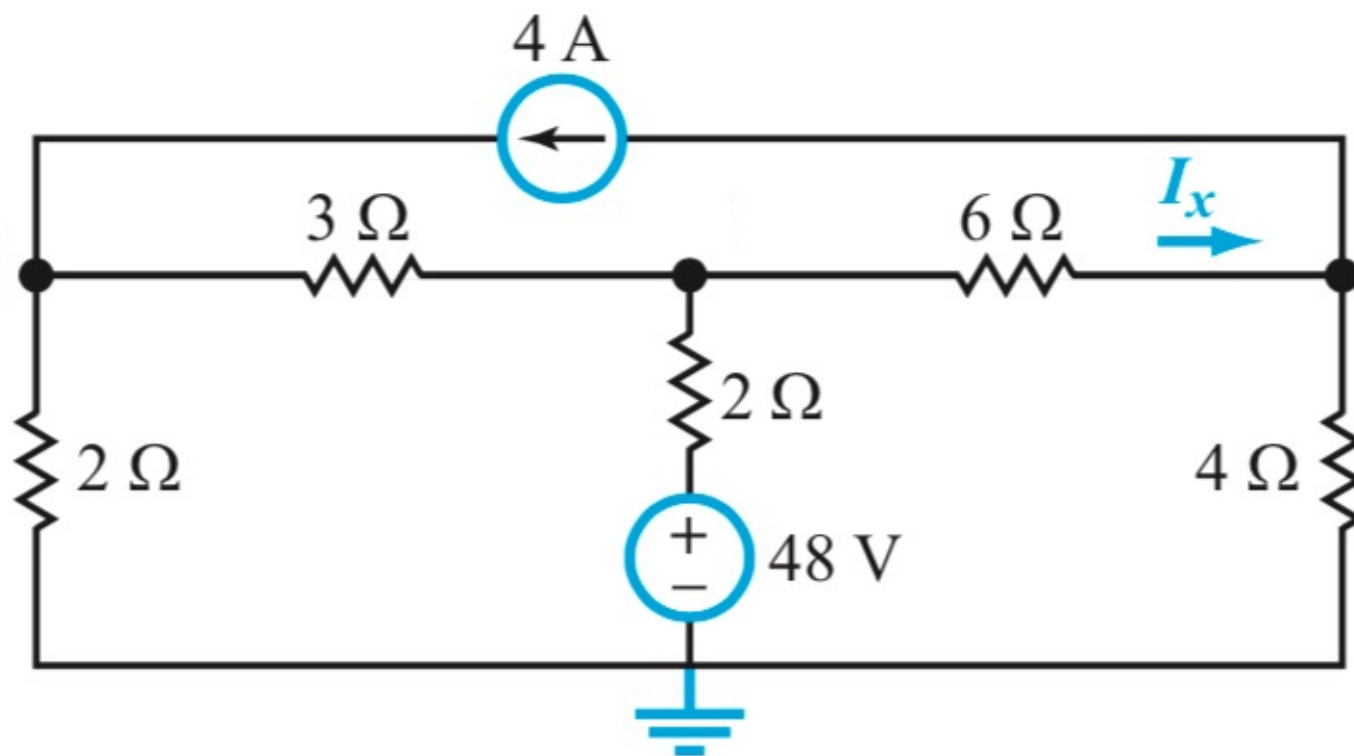


Apply nodal analysis to find node voltages in the circuit below and then determine  $I_x$ .





Apply mesh analysis to find mesh currents in the circuit below and then determine  $I_x$ .









Apply mesh analysis to find mesh currents in the circuit below and then determine  $I_x$ .

