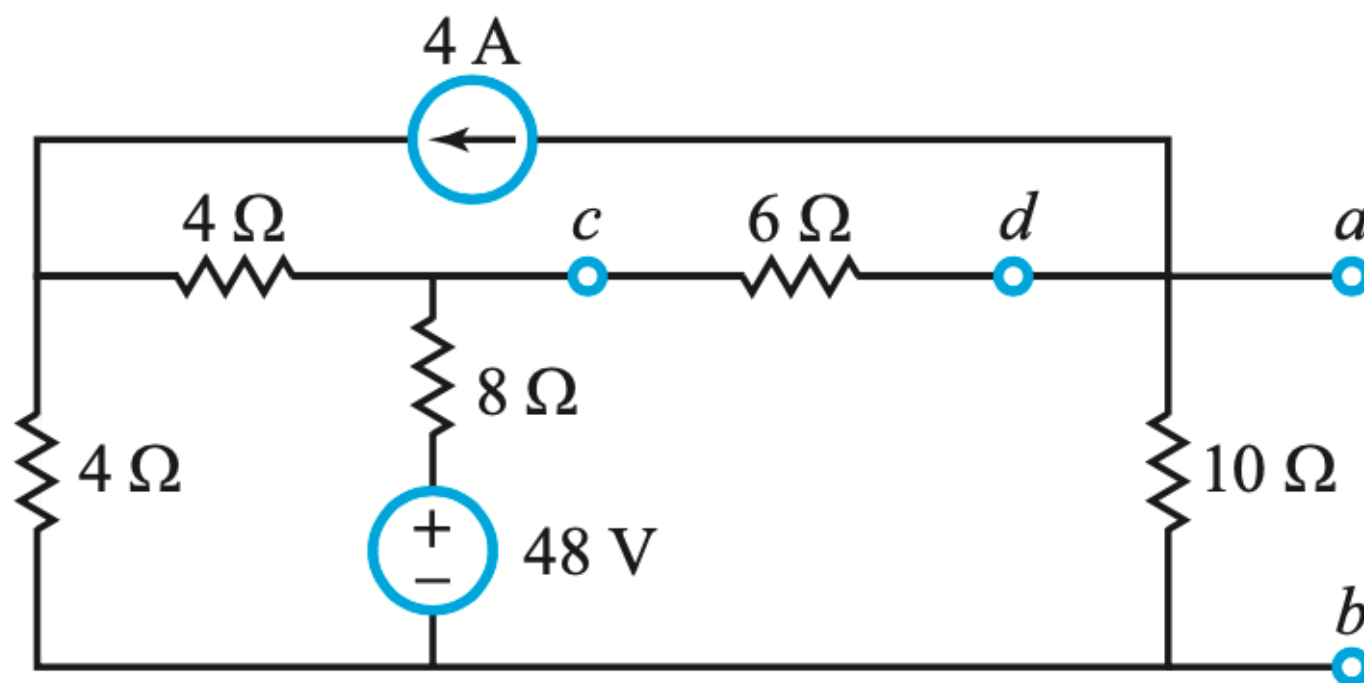




Find the Thevenin equivalent resistance between nodes a and b. Assume that the load has been removed.





THE OHIO STATE UNIVERSITY

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Equivalent Circuits (Examples)

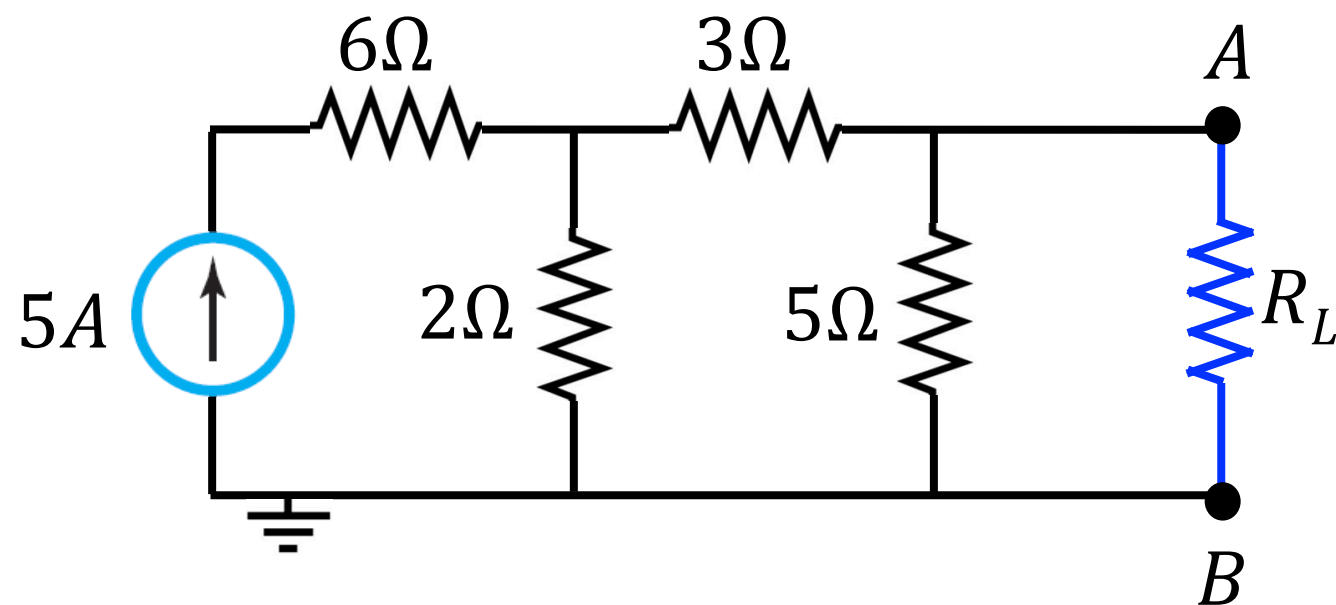


- Learning Objectives:
 - Determine the Thévenin voltage and the Thevenin resistance of a circuit.
 - Determine the Norton current and the Norton resistance of a circuit.
 - Given the Thévenin or Norton equivalent circuit, apply source transformation.





Find the Norton equivalent circuit across R_L resistor.





Find the Thevenin equivalent circuit between nodes c and d . Assume the 6Ω resistor is the load.

