

## Pspice Simulation I - Assignment

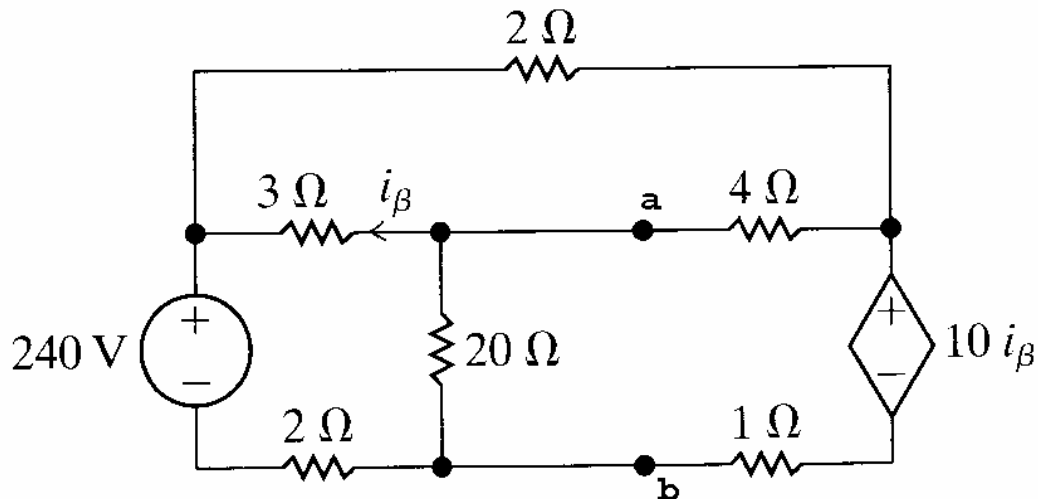
**Objectives:** This experiment emphasizes the software simulation for circuit behaviors. Specifically, this lab is to derive a Thevenin equivalent circuit using the PSpice.

**Pspice:** Introduction to the Pspice was presented, and is available on the class note web page.

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Name: \_\_\_\_\_ ID#: \_\_\_\_\_

1. Find, by calculation, the Thevenin equivalent circuit at the terminals **a** and **b** for the network shown below. Show your work in the report.



2. Use PSpice to find the Thevenin equivalent circuit at the terminals **a** and **b** for the network above. Be sure to provide all the circuit diagrams and simulation results, and the final Thevenin equivalent circuit diagram, in your report.