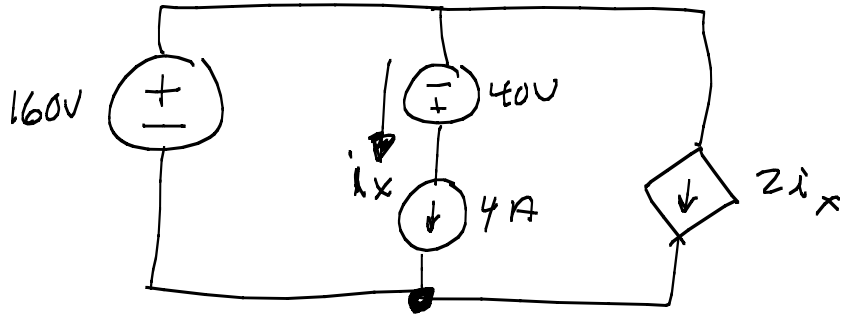


## Kirchhoff's Laws

### Problem Statement:

Show that the total power developed is equal to the total power absorbed.



1.) Label all currents and voltages.

2.) Select loops and/or nodes.

3.) Apply Kirchhoff's Laws.

4.) Return to the original circuit and solve for the currents, voltages, and power.