

Date: / /

ID	Comp	Name

1. Objectives

1. Solve the circuit shown, build it and measure all currents to verify them against theoretical. Use $R_1=R_2=1\text{k}\Omega$ and $R_3=100\Omega$ all rated $\frac{1}{2}\text{W}$.
2. Prove KCL law
3. Prove KVL law

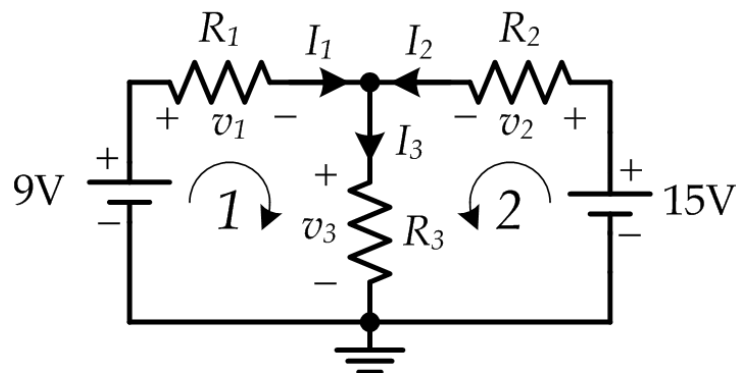
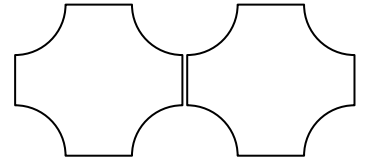


Figure (1): Two Loop DC Circuit

2. Equipment

- | | |
|---|-------|
| <input type="checkbox"/> DC Supply | Qty = |
| <input type="checkbox"/> Function Generator | Qty = |
| <input type="checkbox"/> Digital Multimeter | Qty = |
| <input type="checkbox"/> Oscilloscope | Qty = |
| <input type="checkbox"/> Other: | |



3. Experiment Steps

Experiment (1.1):

Experiment (1.2):

Experiment (1.3):

