Week 2 Assignment 2

Name: [Name]

Problem 2.1: In the circuit shown, find the following:

a. The voltage drop across R1.

b. The current through R2.

c. The power dissipated in R3.

Problem 2.2: Consider the circuit below:

- a. Find the current through R1.
- b. Find the voltage across R2.
- c. Find the power dissipated in R3.

Problem 2.3: In the given circuit, find the following:

- a. The voltage drop across R1.
- b. The current through R2.
- c. The power dissipated in R3.

Problem 2.4: Solve for the voltage across each resistor in the circuit shown.

- a. V1
- b. V2
- c. V3

Problem 2.5: In the circuit shown, find the following:

- a. The current through R1.
- b. The voltage across R2.
- c. The power dissipated in R3.