Homework #1

The next problem(s) addresses the following course learning objective(s):
• Describe current, voltage, power, and energy.
  1. Problem 1.5 in Assessing Objective 3 and 4 at page 16
  2. Problem 1.7 in Assessing Objective 3 and 4 at page 16
  3. Problem 1.13 at page 17

The next problem(s) addresses the following course learning objective(s):
• Understand the relationship between charge and current
  4. Problem 1.4 in Assessing Objective 2 at page 13
  5. Problem 1.9 at page 17

The next problem(s) addresses the following course learning objective(s):
• Understand the relationship between voltage and energy
  6. Problem 1.10 at page 17

The next problem(s) addresses the following course learning objective(s):
• Understand the relationship between power and energy
  7. Problem 1.11 at page 17
  8. Problem 1.17 at page 18

The next problem(s) addresses the following course learning objective(s):
• Describe circuit elements of dependent sources
  9. Problem 2.2 in Assessing Objective 1 at page 28

The next problem(s) addresses the following course learning objective(s):
• Evaluate circuits using Ohm’s law
  10. Problem 2.3 in Assessing Objective 2 at page 32