

**PHYSICS-2**  
Elementary Physics of Energy

**Homework 4**  
Due Date: May 4, 2012

(The pages in RK are from the 2nd edition.)

1. RK Problem 5, page 85. [15]
2. RK Problem 11, page 86. [15]
3. RK Problem 12, page 86. [15]
4. RK Problem 15, page 86. [15]
5. RK Problem 16, page 86. [15]
6. Multiple choice problems:
  - (1) RK Page 87 problem 5. [5]
  - (2) RK Page 87 problem 6. [5]
  - (3) RK Page 87 problem 9. [5]
  - (4) RK Page 88 problem 13. [5]
  - (5) RK Page 89 problem 20. [5]