

Physics 3180 (Thermal Physics)  
spring 2006

**Problem Set 2**  
(due Wednesday, January 25)

1. Problem 1.36, page 26.
2. Problem 1.38, page 26.
3. Problem 1.42, page 31.
4. Problem 1.45, page 31.
5. Problem 1.47, page 33.
6. Problem 1.50, page 35.
7. Problem 2.1, page 51.
8. Problem 2.5, parts a, b, and c, page 55.
9. Answer the questions on the reverse side of this sheet.

## **Textbook Comments**

### Problem Set 2

With respect to the portion of your textbook that was covered by this problem set, including the problems themselves ...

Please describe at least one thing that you liked about the book.

Please describe at least one thing that you disliked about the book, or one way in which the book could be improved.