

Physics 200B
Assignment 8, due Fri. Oct. 24 2008
Serway & Jewett Chapters 7.5-8.5

Reminder: Answers to odd-numbered problems are in the back of the book. Appendix B of Serway and Jewett contains a mathematics review.

Part I: Problems to do on WebAssign: Listed under Physics 200B, Assignment 8

Part II: Hand-in problem(s) (write out and hand in)

1. Serway and Jewett Ch. 8 problem 24

2. Serway and Jewett Ch. 8 problem 53

3. Serway and Jewett Ch. 8 problem 64

Extra credit: Serway and Jewett Ch. 7 problem 49 a) and c) (use the equation derived in b) for part c))

To receive full credit, please show your work and clearly indicate the answer. Don't forget to round to the proper number of significant figures and give units!

Other suggested problems for practice (don't hand in):

Ch. 7 problems 39, 47, 57

Ch. 8 problems 3, 5, 21, 29, 55, 57