

University of New Mexico

Physics 161, Section 001

Problem Set #11

Issued: April 6, 2006

Due: April 14, 2006

Do all of the exercises and problems listed below. Please hand in your problem set at the start of class. Be sure to put your name, course number (Physics 161-001), and BOX number on your homework. Show all your work, write clearly, and be sure to include the units!

Exercises: Young & Freedman 26.15, 26.21, 26.30, 26.41, 26.46

Problems: Young & Freedman 26.77, 26.82

**Extra Credit (worth up to 1% of your final grade):
*Young and Freedman, Challenge Problem 26.91***