

Homework Assignment #1
Physics 201

Due at the start of class on Thursday, October 5th 2006

THERE ARE A LOT OF PROBLEMS HERE!
GET STARTED EARLY!
WE WILL NOT DO MANY OF THEM IN CLASS!

Reading: Make sure you have read the entire first chapter of Serway and Jewett. This is important stuff! Do not take it lightly! Pay attention to what Serway and Jewett are saying that think about why they are saying it that way.

From the text (Serway and Jewett): Chapter 1

Problems: (problems begin on the bottom of pg 17.)

#5, 6, 10, 12, 13, 14, 15 (see below), 16, 17, 42, 44, 49, 61, 63

Note on #15: The dimensions of x and y are $[L]$. The dimensions of v are $[LT^{-1}]$. The dimensions of a are $[LT^{-2}]$.