

Homework Assignment #3
Physics 201

Due Thursday, October 19th, 2006

Reading: Carefully read all of Chapter 2 of Serway and Jewett. Think about what you are reading. Most students will have trouble with the concept of acceleration.

From the text (Serway and Jewett): Chapter 2

Questions: (questions begin *at the top of* page 49)

#9, 11, 13, 15 (You should be able to do question #11 backwards and forwards. That is, if you start from a description, you should be able to find the signs of velocity and acceleration. Given a partial description and the sign of one of them, you should be able to find the sign of the other, or given both you should be able to identify the positive direction, and so on.)

Problems: (problems begin *on the bottom of* pg 49)

#17, 18, 21, 23, 29, 30, 43, 54, 70