

**Homework Assignment #4**  
**Physics 201**

*Due Tuesday, October 23<sup>rd</sup>*

**Reading:** Carefully read all of Chapter 3 and the first five sections of Chapter 4 from Serway and Jewett. Think about what you are reading and pay special attention to the graphical interpretation (pictures) of the vectors involved. Acceleration in two dimensions is even trickier than in one dimension.

**From the text (Serway and Jewett): Chapter 3**

**Problems:** (problems begin *on the bottom of* pg 71)

**#3, 5, 9** (“graphically” means that you **MUST** draw a picture!), 15, 27, 31, 35

**From the text (Serway and Jewett): Chapter 4**

**Questions:** (questions begin on page 100)

**3, 9, 19, 20**

**Problems:** (problems begin *on the bottom of* pg 101)

**#7, 11, 15, 19, 23, 27, 31, 35**