HOMEWORK DUE WEDNESDAY APRIL 16TH

Note: Today in class I said that "Fatou's Lemma" indicates that it doesn't matter which order you do the integration in. I was incorrect, it is Fubini's theorem.

Second Note: If you wish to see a slight variation ont he first part of my lecture go to "www.homestarrunner.com" click "toons" click "Features" click "Strong-Bad's Email," and click "dragon."

Third Note This assignment is due *Wednesday*. You are responsible for knowing the material covered in lecture today [not including the last part about using double integrals to find areas], but you may turn in this assignment on Wednesday. Note that there is a considerable amount of work to be done....so you may wish to get started earlier rather than later.

Fourth Note: This HW counts triple.
Fifth Note We have an X-hour on Tuesday.

1. Stewart

1.1. **16.1.** 11,12 [note the instructions...you are not supposed to actually perform integration in the usual way, but you should figure out what solid is being represented and use high school mathematics to find the volume]

1.2. **16.2.** 9,13,23,28,33

1.3. **16.3.** 6,15,22,33,39,47

1.4. **16.5.** READ THE CHAPTER
8,26,28