

Monday 5-16-11 Day 1 Astronomy

- 1) Review for Solar System Quiz tomorrow
- 2) Telescope Basics (see blog)
- 3) Telescope Microviewer (401) due Wed 5-18

HW: Notebook Quiz - Tues 5-31  
Final - Friday 6-3

Solar System Quiz Review - 35 pts

I. Name that Object (15 items - word bank).

Ex: Has highly elliptical orbit and a tail \_\_\_\_\_ .

II. Planet positions

Plot 4 planets given heliocentric angles

Determine configuration given a diagram (ex: conjunction)

III. Kepler's Laws

State the 3 laws and give a diagram or equation to show you understand what it is

Find the eccentricity for 2 ellipses (equation given)

importance  
↓

Telescope Basics

- #1 Gather light – light bucket, making faint objects brighter
- #2 Resolve objects – be able to see detail
- #3 Magnify – making object bigger least important!

Optical Telescopes:

