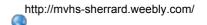
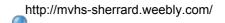
Thursday, April 23/15 Science 122



- 1. One More Example of Activity, Etc.
- 2. Worksheets Half-Life, Activity and Decay Constants (2)
- 3. Electron-volt
- 4. Quantization of Energy
- 5. Einstein and the Photoelectric Effect
- 6. Worksheet Energy of Photons, Work Function, Etc.



Thursday, April 23/15 Physics 122/121



- Experiment 8.1 Kepler's Laws Page 49
 Due 1 Day Late Today
- 2. Period of an Orbiting Object
- 3. Quiz: U2-S2 Circular Motion and Universal GravitationTuesday, April 28/15
- 3. Investigation 12-A: Orbital Speed of Planets, Page 581- Due: Friday, April 24/15
- 4. Worksheets Kepler's Law, Law of Gravitation, Etc. (3)



Thursday, April 23/15 Science 10

- 1. Return: Quiz Compounds and Reactions
- 2. Lab Types of Reactions -> 3 Days Late
- 3. Article Review Unraveling the Light of Fireflies Due: 1 Day Late Today
- 4. Formative Assessment: Significant Digits and Rules
- 5. Defining Equations
- 6. Rearranging Equations
- 7. Worksheet Rearranging Equations HW
- 8. Experiment Measurements and Significant Digits

Formative Assessment - Significant Digits and Rules

April 23/15

- 1. State the number of significant digits in each measurement.
 - a) 0.0967kg

a <u>s</u>

b) 120 cm

3 5)

c) 3.060 x 10² m

4 5D

d) 809.007 N

6 50

2. Report answers to the correct number of significant digits and identify the rule you used to do so.

PrecisionBule

a) 167.905 m + 2.5 m

> 170.405 m 170.4_m

b) 4.68 m 3 <u>5 D</u> <u>x(1.3)m</u> 2 <u>5 D</u> 6.0β4 m² 2 <u>5 D</u>