Chemistry CP

Name:

Homework: Measurements (Ch. 2)

Section:

Assignment	Due Date
1. Handout on measurement	Tuesday, 9/11
2. Study the names and symbols of elements 11-20 (1 column of pair tutoring) 3. Go to http://chemistry2.csudh.edu/homework/hwintro.html site #1—do sufficient problems to get 20 correct, submit score & print receipt (choose any teacher…we aren't on the list)	Wednesday, 9/12
4. Finish handout on scientific notation 5. Study the names and symbols of elements 11-20 (1 column of pair tutoring)	Thursday, 9/13
6. Study for Friday Facts Frenzy (F^3) 7. Hand write out 4x6 summary sheet	Friday, 9/14
8. Handout 9. Study the names and symbols of elements 11-20 (1 column)	Monday, 9/17
10. Make graph and answer Analyze & Apply questions from lab	Wednesday, 9/18

Dates to Remember:
Second Friday Facts Frenzy (F^3) Friday, 9/14

Some Useful Websites
http://www.towson.edu/~ladon/sigfigs.html
http://antoine.frostburg.edu/chem/senese/101/measurement/sigfig-quiz.shtml A practice quiz--a good check for yourself
http://chemistry2.csudh.edu/homework/hwintro.html Online HW Site (Bookmark this page!)
http://www.chem.sc.edu/faculty/morgan/resources/sigfigs/index.html Comprehensive sig fig review
http://www.nyu.edu/pages/mathmol/textbook/scinot.html Scientific notation
classification of matter
http://www.jesuitnola.org/upload/clark/labs/pererror.htm Percent error

After studying chapter 2, you should be able to:

- List the SI units of measurement used in chemistry.
- Distinguish between the accuracy and precision of a measurement.
- Record measured data to the correct number of significant figures.
- Identify the number of significant figures in a measurement.
- Apply the rules for significant figures in calculations to round off numbers correctly.
- Calculate the density of an object from experimental data.
- Calculate the percent error of an experimentally determined measurement.