More SDS Activities (from back of Schedule 4

**SDS Activity 7: Practice Problems**
Go to our class website Web Resources page. The first two entries under Gases are:
- Practice Gas Problems - [http://virtual.yosemite.cc.ca.us/smurov/ex9-1.htm](http://virtual.yosemite.cc.ca.us/smurov/ex9-1.htm)
  Work all 24 problems, showing both your work and the correct answer for the problem.
  Print out your answer sheet from the web. You must have 20 out of 24 correctly done with work shown to get credit.
- Practice Gas Stoichiometry - [http://virtual.yosemite.cc.ca.us/smurov/ex9-2.htm](http://virtual.yosemite.cc.ca.us/smurov/ex9-2.htm)
  Do the first 10 only (skip the rest). Print out your answer sheet from the web. You must have 8 out of 10 correctly done with work shown to get credit.
- Under Solutions is: Practice Concentrations and Solution Stoichiometry - [http://virtual.yosemite.cc.ca.us/smurov/ex11-1.htm](http://virtual.yosemite.cc.ca.us/smurov/ex11-1.htm)
  Work all 20 problems, showing both your work and the correct answer for the problem.
  Print out your answer sheet from the web. You must have 16 out of 20 correctly done with work shown to get credit.

Most of these problems are the type that could be on our exam. Good review!

2 SDS points for one set, 3 SDS points for both sets. 4 SDS points for all three sets. Due Thursday 11/17 at the exam.

**SDS Activity 8.** In one of the Chemical and Engineering News magazines available, find 3 words (other than chemical names) that we have learned this semester (or will learn through chapter 16). (See the end of each chapter for a list of these words.) You may not use the same article as someone else.

For 1 point:
- Cut out the article or articles with each of these 3 words in it and highlight the words.
- Give definitions of the three words. Make sure the definition is appropriate for the context of the word in the article.

For 1 point more:
- Use your understanding of one of those words to explain or draw a picture or equation for what they are talking about in that sentence or paragraph.

Final due date: Thursday 12/8/05

**SDS Activity 9. Interesting article from C & E News.**

Find an article that you think is interesting. (You may have to check out more than one issue; some issues may be really boring.) Tear out or clip the whole article and turn it in along with a one paragraph summary of the article (or part of the article if it is longer than one page) and a statement of why you found it interesting. The article must be from Chemical & Engineering News. You may not use the same article as someone else.

2 points. Final due date: Thursday 12/08/05