

To: Andy, Ben, Kevin, Matt and Tyler
From: John I. Gelder
Date: October 31, 2001
Re: Grading PS8

STAFF MEETINGS...FRIDAYS, 3:30 p.m.

The answers to PS #8 are attached. After reviewing the problem sets I have decided we should grade problems PS8.3, PS8.5, and PS8.6 for 3 points. The maximum possible on the problem set is twelve points. The remaining three points are awarded on an all or nothing basis for completion of the remaining problems. Note: If the word 'Late' is written at the top of the Problem Set grade as usual but deduct 3 points from their total. Note: 'Late' means the student found me at the end of class or immediately after class. I will not accept Problem Sets more than a few minutes after class is over, and such cases will have a minimum of 3 points deducted from their score.

If you have any questions about the grading procedure described below, please see me. Please do not assign any fractional points. Use a holistic approach, if the student's answer is not quite correct you must make the decision if it is at least half right in which case give the student the point. However, on the next occasion (in the same grading session) that you have to stop and ask yourself whether the student should receive the benefit of the doubt, do not give them the point. Reverse this procedure if for the first time you decide not to give them the benefit of the doubt, the next occasion give them the point.

Please return the graded problem sets to your students in laboratory next week. Be sure to record the scores for each student.

Copies of the answers and the grading memo are on the WEB.

Grading the Review Problem Set

- PS8.3 **3 points** 1 point for the correct K_c and 1 point for the correct $[CO]_{eq}$, $[H_2]_{eq}$. The last point for showing the ICE table with the correct entries.
- PS8.5 **3 points** 1 point for the ICE table with the correct entries, 1 point for the equilibrium expression for the chemical equation, and 1 point for the correct equilibrium concentrations for all species.
- PS8.6 **3 points.** 1 point each for part a, b and c. If there is a consistent error in all three calculations do not deduct all the points.
- 3 points** For attempting the remaining 4 problems. Remember each problem must have an answer, an attempt. If the student writes nonsense for any of the other answers deduct the 3 points.