

To: Andy, Ben, Kevin, Matt and Tyler
From: John I. Gelder
Date: November 7, 2001
Re: Grading PS11

No STAFF MEETING THIS FRIDAY

The answers to PS #11 are attached. After reviewing the problem sets I have decided we should grade problems PS11.7, PS11.8, and PS11.9 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

- PS11.7 **3 points** 1 point each for parts a, c and d. Both equations must be correct for the point.
- PS11.8 **3 points** 1 point each for parts a, b and d. All work must be shown for the point. The ICE table and equilibrium expression are needed to see how the problem is worked out.
- PS11.9 **3 points.** 1 point each for part iv parts d, h and k. In part j what out the students use 0.400 M OH⁻ and not 0.200 M OH⁻. In part k the quadratic equation should be used to calculate pH correctly.
- 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.