

MEMORANDUM

Chemistry
Department

To: Ben, Cory, Molly and Peter
From: John I. Gelder
Date: January 25, 2002
Re: Grading and returning Review Problem Set

The answers to RPS are attached. After reviewing the problem sets I have decided we should grade problems RPS1, RPS6, and RPS.8 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.

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. If the PS is marked LATE, deduct the 3 points for completion

Please return the graded problem sets to your students 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

- RPS.1 **3 points** Grade part b, d and g. 1 point each for the correct products. There are lots of little things in the reactions that need to be checked; phases of the products, and balance, and ions for soluble compounds. Most of the reactions have two products, with their respective phases, and at least one soluble substance. So for one slip of a phase or a balance do not deduct a point, but several errors, or omissions deduct a point. If the products are wrong, even slightly, deduct the point.
- RPS.6 **3 points.** Grade parts a, c and d. Each for 1 point. Look for the work to support their answer. R/W otherwise.
- RPS.8 **3 points.** In this question there are 23 answers. Use the following table to award the points;

Correct Answers	Points
23 - 21	3
20 - 15	2
14 - 10	1
9 - 0	0

- 3 points** For attempting the remaining 6 problems. Remember each problem must have an answer, an attempt. If the student writes nonsense deduct the 3 points. Since several plots are required in this problem set, deduct the three points if the plots are not included.