

MEMORANDUM Chemistry Department

To: Bill, Nellie, Melissa, Carolyn, Randy
From: John I. Gelder
Date: March 16, 2001
Re: Grading PS#7

STAFF MEETINGS...FRIDAYS, 12:30 p.m. PS117.

The answers to PS #7 are attached. After reviewing the problem sets I have decided we should grade problems PS7.3, PS7.4, and PS7.9 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.

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

PS7.3 **3 points** 1 point for determining the order of the reaction with respect to $[\text{NO}_2]$ and 1 point for determining the order of the reaction with respect to $[\text{O}_3]$. 1 point for both the correct magnitude and the correct units for the rate constant.

PS7.4 **3 points** 1 point each for parts a, d and e. Pretty much R/W. All work must be shown.

PS7.9 **3 points.** 2 points for the two plots. 1 point each. 1 point for the correct rate constant with its units. Both plots must be provided. If one is missing deduct the point.

3 points For attempting the remaining 7 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.