

Hello ACS AP Chemistry Student: Here is your first AP Chemistry problem set for summer homework! The problems in these sets are found at the end of each chapter of **Zumdahl Chemistry**, 7th Edition. You will be issued your copy of this textbook on the first day of class in August; to complete this problem set read and refer to the xerox copy of chapters 1 and 2 you were given in early June.

On graph or lined paper, provide concise but thorough written answers where required and show work when performing calculations. Work neatly and circle or highlight answers to make them easy to find.

The due date for this problem set is **August 19, 2010**; expect a test over this material on that date. If you run into problems, you may email me at [rsvien@acsamman.edu.jo](mailto:rsvien@acsamman.edu.jo).

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<b>Chapter 2 Exercises</b> <i>(pps. 70 - 75)</i>
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Challenge Problem 89