

**PROBLEM SET 9**  
**CHM 3400, Dr. Chatfield, Fall 2011**  
**Due Thursday, Dec 1**

I suggest that you make a copy of your solutions to this problem set, so that you can study from it. This problem set will be graded, but there will be no opportunity to return your work before the final exam. Solutions will be posted online as usual.

Note also that problems 1-3 were deferred from problem set 8 to this problem set.

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1. Atkins, exercise 11.15 (11.15 in 4<sup>th</sup> ed)
  2. Atkins, exercise 11.16 (11.17 in 4<sup>th</sup> ed)
  3. Atkins, exercise 11.23 (11.28 in 4<sup>th</sup> ed)
  4. Atkins, exercise 12.11 (12.15 in 4<sup>th</sup> ed)
  5. Atkins, exercise 12.23 (12.27 in 4<sup>th</sup> ed)
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