

**CHEM 121**  
**Quiz 6**

Name \_\_\_\_\_  
**Due in Class February 27, 2009**

Complete the following problems on separate paper and attach them to this sheet. Work must be shown to earn partial credit for each problem. You may use your book and notes, but you may not seek help from anyone other than Dr. Lamp. Failure to abide by this rule will result in a zero for the quiz and the Dean of Students office will be notified. This signed sheet **must** accompany your quiz.

I affirm that the attached work is my own and that I received help from no one other than Dr. Lamp. I realize that failure to follow the rules above will result in a zero for the quiz and will be reported as an act of academic dishonesty.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

1. Problem 12-24.
2. Problem 12-50. While the problem states to simply arrange the molecules, I want you to **justify your answer** as well.
3. Problem 12-64