

STUDENT NAME: \_\_\_\_\_  
LAB SECTION (check one): \_\_1(W@3pm) \_\_2(W@8am) \_\_3(Th@6pm)

# WALLACE

CHM 114, Spring 2009

## "Homework" Set #8 Coversheet (*revised 06/02/09 @ 10am*)

(ref. sections 18.1-18.3 in *General Chemistry, 7<sup>th</sup> ed.*, Zumdahl & Zumdahl)

**DUE DATE & TIME:**

**Thursday, June 18 @ 6pm**

**TURN-IN LOCATION:**

**STUDENT HOMEWORK DROP BOX**

*(This is the slot in the wall between the bookstore and room B-100.)*

### INSTRUCTIONS:

1. **Staple** this coversheet to the homework problems you've completed for this chapter.
2. Be sure to write your name and indicate your lab section on the top of this sheet. A 1-point deduction will be assessed if either of these are missing or incorrect.
3. Answer the questions at the bottom of this page.
4. Turn in your homework package no later than the day and time indicated. **Late work will not be accepted.**

### NOTES:

5. Show your work; **WORK THAT IS OBVIOUSLY SIMPLY ANSWERS COPIED FROM THE SOLUTIONS IS WORTH ZERO POINTS.**
6. **No staple, no cover sheet, and/or no lab section indicated = -1 each**
7. Your answers can be checked for "correctness" against the "ANSWERS TO SELECTED EXERCISES" photocopied package handed out during the first week of class.
8. You may turn the assignment in early – in lab, during office hours, or in the drop box.
9. Note that your lowest homework score for the quarter will be dropped.

Questions & Problems (pp. 869-870 in Zumdahl text):

Radioactive Decay and Nuclear Transformations: .....12, 14, 18, 20

Kinetics of Radioactive Decay: .....22, 24, 30, 32

**TOTAL ..... 8**

How many problems did you *correctly complete* (and attach to this page)? ..... \_\_\_\_\_  
*5 points per assignment will be pro-rated according to this number.*

How many did you *attempt*? ..... \_\_\_\_\_

How many *hours* did you spend working on these problems? ..... \_\_\_\_\_