

STUDENT NAME: _____
LAB SECTION (check one): __1(TuTh@3:30) __2(TuTh@6) __3(TuTh@9am) __4(MW@1pm)

WALLACE

CHM 101, Fall 2008

"Homework" Set Coversheet (*revised 11/21/08 @ 4PM*)

Chapter 18 (*General Chemistry, 7th ed., Zumdahl & Zumdahl*)

DUE DATE & TIME: **Wednesday, December 3; 3:30pm**
(*This may be different for Dr. Stevenson's section.*)

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 GUIDE 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 in the appendix of the text and/or the *Complete Solutions Guide*, which is in the library on reserve.
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.

Assigned Questions, Exercises & Problems (pp. 869-873):

nuclear transformations (18.1 & 18.3): 3, 5, 11, 13, 15, 17

kinetics of radioactive decay (18.2 & 18.4): 21, 23, 25, 27, 31, 33

energy & nuclear reactions (18.5): 7, 35, 37, 39, 41, 43

detection...effects of radiation (18.4, 18.6, 18.7): 9, 47, 51

TOTAL 21

How many problems did you *correctly complete* (and attach to this page)? _____
10 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? _____