

Name: _____

Band: _____

HW 3.1

Chemistry

Instructions: In order to complete this homework assignment, you will need your textbook. Answer the following questions in the book, and put the answers in the blanks below. You must do the following things:

- 1) Attach your work with a staple or clip to this page. Put your name and band on all pages.
- 2) Use the proper units after all of your numerical answers.
- 3) Write your problem-solving neatly, as this is the only way I can give partial credit.

Help: Table 2.6 (page 44) lists the metric conversion units for mass. Chapter 2 has other tables that indicate the different metric units for measurement (page 39), etc. If you need to review these metric units, use the bountiful tables of information in chapter 2. Regarding Density, table 2.8 (page 46) is also useful. Use Chapter 3!

Solve these problems and answer on this page: *The problems are at the back of Ch. 3, pages 79-80.*

29. _____

33. a.) _____ b.) _____ c.) _____ d.) _____
e.) _____ f.) _____ g.) _____

39. notice that cg means centi-grams, a unit that is like centimeters (on a meter-stick), except this concerns mass. Complete this table:

mg	g	cg	kg
_____	_____	28.3	_____
6.6×10^3	_____	_____	_____
_____	2.8×10^{-4}	_____	_____

40.) _____

46.) _____

41.) _____

47.) _____

42.) _____

48.) _____

43.) _____

49.) _____

44.) _____

50.) _____

45.) _____

51.) _____

