

11/06/2009

Home assignment: - Chapter 2 for PART 2 - to be completed by the end of next week Nov13

Chapter 2. – Read the WHOLE Ch.2 (we left off at section 2.8 before)

Recommended problems: on pp. 78-85: 2.XX,

where XX is:

DONE: 8, 17, 22, 35, 37, 39,

43, 45, 51, 55,

57, 61, 69, 73,

103, 105, 129 (harder)

!!!NEW!!!Chapter 2 - PART 2 !! - recommended problems: 67, 69, 75, 79, 89, 95, 97, 101, 119, 125
Memorize tables for naming ionic compounds: 2.7 (p.68), 2.4 (p. 62), 2.5 (p.63)

(Remember, the blue ones have solutions in the end of the book – work out your own solution first, THEN check the book solution. Be sure you understand it.)

Some of the important terms (do it in writing):

law of multiple proportions, element, atom, nucleus and its composition,
atomic mass, isotopes, periodic table: groups and periods, ions, molecular
formula, ionic compound, binary compound.

developing skills:

1. determining nuclide symbols from given information about neutrons, protons, electrons; elements names and symbols (elements up to #18 - memorize!)
2. calculating atomic weight from given isotopic composition and fractional abundances
- !!3. writing ionic formula from ions and the name for the compounds formed.
- !!4. determining formula/name for compounds