South Pasadena • AP Chemistry

Name _____
Period ___ Date ___/___/___

3 • Molecules and Compounds

QUICK CHECK #1

Try these problems. If you can DO them, check the box (☑). If you CANNOT do them, write some notes TO YOURSELF about what you need to study to succeed at these problems.

☐ List the 7 diatomic elements

☐ Name the following compounds (which of these are empirical formulas?)

Hg_2I_2	PCl_3

SO_3	NH_4NO_3

☐ Fill in this chart:

Name	Cation	Anion	Formula
magnesium phosphate			
silver sulfide			
aluminum hydroxide			

☐ Calculate the percent composition of NH_4NO_3

N	H	O