

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

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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