

Revised August 2011

HONORS WORKSHEET 3b: Inorganic Nomenclature I

- The following compounds are all binary compounds. Give the name of each one. (6)
 - SrO
 - K₂O
 - Na₂S
 - Cs₃P
 - AlCl₃
 - Mg₃N₂
- Some of the following name and formula combinations are incorrect. Identify the correct combinations. For the others, suggest corrected combinations. (13)
 - barium hydroxide, BaOH₂
 - sodium oxide, SoO₂
 - barium chloride, BCl₃
 - strontium oxide SrO₂
 - boron trifluoride, BoFl₆
 - vanadium (III) chloride, VCl₃
 - magnesium oxide, MgO₄
- Write the name of the following compounds. Use Roman numerals in the names. (7)
 - FeI₃
 - MnCl₂
 - HgO
 - Cu₂S
 - CuS
 - SnI₄
 - MnBr₂

Revised August 2011



4. Write the name of each of the following. To help get the correct name, use the periodic table to determine which elements are metals, which are non-metals and which compounds should include Roman numerals in their names. (16)

