

Naming Worksheet #2
Chemistry

Name: _____

Date: _____ Hour: _____

List the ions each compound is made of, then put them together to write the compound's formula.

ex> sodium chloride	
Na ⁺	Cl ⁻
NaCl	

1) copper (I) iodate	

2) lead (IV) phosphate	

3) technetium (VI) oxide	

4) iron (III) hypochlorite	

5) molybdenum (V) sulfide	

6) osmium (VIII) sulfate	

7) platinum (II) acetate	

8) hafnium (IV) oxide	

9) manganese (VII) carbonate	

10) The names of each of the following compounds contain a Roman numeral. Calculate the charge of the positive ion and write the name of each of the following compounds:

Compound
a) NiO

Positive ion name	Roman numeral	Negative ion name

Compound	Positive ion name	Roman numeral	Negative ion name
b) PbS_2			

Compound	Positive ion name	Roman numeral	Negative ion name
c) CrO_3			

Compound	Positive ion name	Roman numeral	Negative ion name
d) CuF			

Compound	Positive ion name	Roman numeral	Negative ion name
e) $\text{Ir}(\text{OH})_4$			

Compound	Positive ion name	Roman numeral	Negative ion name
f) $\text{Co}(\text{ClO}_3)_3$			

Compound	Positive ion name	Roman numeral	Negative ion name
g) $\text{Fe}_2(\text{C}_2\text{O}_4)_3$			