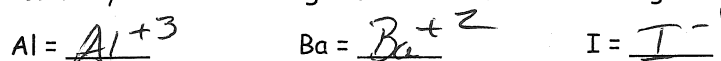


Nomenclature ... Practice

Name Key Period _____ Date _____

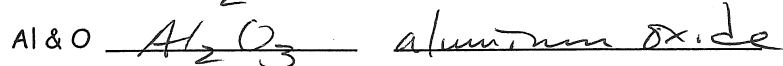
Complete each of the following as instructed.

1. Write symbols and charges for each of the following:

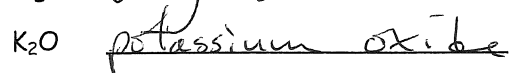
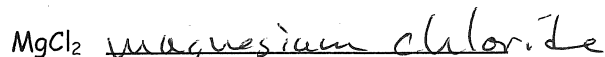


2. What does "binary" mean? - (2) elements

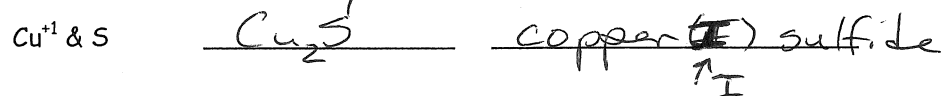
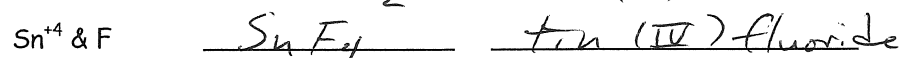
3. Write the formula and name for the following Type 1 binary ionic compounds.



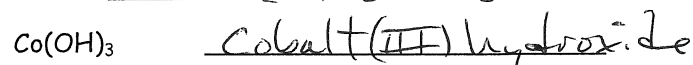
Write the name for each of these.



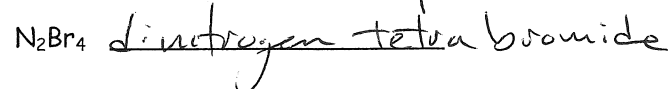
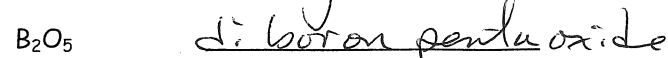
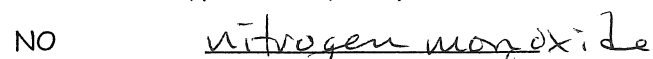
4. Write the formula and name for the following Type 2 binary ionic compounds.



Write the name for each of these:



5. Name these Type 3 binary compounds.

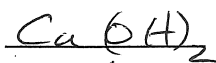


6. Complete the table.

Formula	Charge	Name
OH	-1	hydroxide
PO_4	-3	Phosphate
SO_4	-2	Sulfate
$C_2H_3O_2$	-1	acetate
CO_3	-2	carbonate
NH_4	+1	Ammonium
NO_3	-1	Nitrate

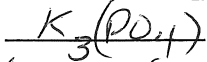
7. Write the formula and name for each compound.

Ca & hydroxide



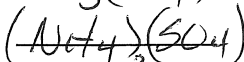
calcium hydroxide

K & phosphate



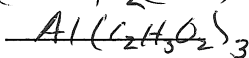
potassium phosphate

Ammonium & sulfate



ammonium sulfate

Al & acetate



aluminum acetate

Write the name for the following:



8. Complete the table by supplying the missing information.

Name	Formula
Sulfuric acid	H_2SO_4
carbonic acid	H_2CO_3
Phosphoric acid	H_3PO_4
hydrochloric acid	HCl
nitric acid	HNO_3
Acetic acid	$H(C_2H_3O_2)$