SCH3UI
Ms Williamson

Name: _____
Date: _____

Nomenclature #7: Final Practice

1. **Write the IUPAC formulas for each of the following compounds:**

copper (II) hydroxide pentahydrate	cobalt (II) carbonate
phosphorus trihydride	nitrous acid
gold (III) nitrite trihydrate	tin (IV) thiosulfate
nitric acid	carbon monoxide
phosphorus (V) chloride	lead (IV) dichromate
hydrosulfuric acid	carbon disulfide
mercury (I) hypobromite	nickel (II) fluoride
arsenic (III) oxide	diphosphorus tetrafluoride
liquid bromine	bromic acid
nickel (III) hypochlorite	antimony (V) iodite
sodium cyanide	hydrophosphoric acid
mercury (II) cyanate	silver peroxide
chloric acid	tin (II) permanganate
cesium fluoride	manganese (IV) hypobromite
arsenic (V) bromate	arsenic (III) oxide
silver thiocyanate	phosphorous acid
phosphoric acid	hydrofluoric acid
gold (I) oxalate	phosphorus tetrachloride
bismuth (III) iodite	potassium peroxide
nitrogen gas	phosphorus (III) carbide
antimony (V) hydroxide	hypobromous acid
cesium peroxide	perchloric acid
iodous acid	iron (III) bromite
lithium perchlorate	carbonic acid
iron (III) acetate	sodium bicarbonate
lead (IV) thiocyanate	hydroiodic acid
periodic acid	bismuth (V) hydrogen phosphite
dihydrogen monosulfide	acetic acid
cobalt (III) bromite	lead (II) periodate
copper (I) carbonate heptahydrate	
tin (IV) dichromate monohydrate	
iron (III) dihydrogen phosphite nonahydrate	
bismuth (V) bromate octahydrate	
lead (II) chromate tetrahydrate	

2. Write correct names for each of the following using the IUPAC method:

$CoCO_3$	$Sn(CrO_4)_2$
$PC\ell_3$	$Pb(Cr_2O_7)_2$
$Ni_2(Cr_2O_7)_3$	$Sb(IO_2)_3$
P_2O_3	CS_2
$HgSO_3$	$Fe(IO_4)_2$
NH_4BrO	Li_2O_2
$As(BrO_3)_5$	SnS_2O_3
$AuC\ell O$	As_2O_3
$Bi(IO_2)_3$	H_3PO_3
HIO_4	$Mn(OH)_4$
$CuHCO_3$	Na_2O_2
$Co(BrO_2)3$	Au_3BO_3
$Ni_3(PO_3)_2$	$HgBrO_2$
$HgBr$	$Ba(CH_3COO)_2$
$HC\ell O$	F_2
$KHSO_4$	Ca_3N_2
$Pb_3(PO_3)_4$	$MgHPO_3$
$Zn(OH)_2$	SO_2
$Fe_2S_3 \cdot 3\ H_2O$	$HBrO_2$
NaH	$CC\ell_4$
$Ca(C\ell O)_2$	H_2O
H_2S	N_2
H_2SO_3	$Au_2C_2O_4$
BaO	SnF_4
$(NH_4)_3P$	HI
$PbCrO_4 \cdot 4\ H_2O$	$Bi(SCN)_3$
H_2SO_4	H_2O_2
H_3P	N_2O_4
Ag_2O_2	$Si(OCN)_4$
HIO	HCH_3COO
$Cu(OH)_2 \cdot 5\ H_2O$	
$Au(NO_2)_3 \cdot 3\ H_2O$	
$Na_2Cr_2O_7 \cdot 6\ H_2O$	
$Fe(H_2PO_3)_3 \cdot 9\ H_2O$	
$A\ell_2(HPO_4)_3 \cdot 2\ H_2O$	
$CuHCO_3 \cdot 7\ H_2O$	