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In the table below, fill in the formula of the ionic compound below its name:

HgCr_2O_7	$(\text{NH}_4)_3\text{PO}_4$	FeCO_3	$\text{Sn}_3(\text{PO}_4)_2$
$\text{Cu}(\text{ClO}_3)_2$	NH_4NO_3	NaCl	AgI
CaSO_4	PbO_2	PbO	$\text{Mg}(\text{MnO}_4)_2$
FeS	Fe_2S_3	KMnO_4	$\text{Ca}(\text{OH})_2$
$\text{Mo}(\text{ClO}_4)_2$	CoCl_2	CuBr	CoCl_3
$\text{Fe}_2(\text{Cr}_2\text{O}_7)_3$	FeCrO_4	$\text{Fe}_2(\text{CrO}_4)_3$	CoP
Na_2SO_4	NiF_2	$\text{Be}(\text{NO}_2)_2$	$\text{Be}(\text{NO}_3)_2$
$\text{Mo}(\text{OH})_3$	$\text{K}_2\text{C}_2\text{O}_4$	Hg_2Cl_2	HgCl_2
$\text{Zn}(\text{H}_2\text{PO}_4)_2$	Fe_2S_3	$\text{Zn}(\text{HS})_2$	Ag_2SO_3
$\text{Pb}_3(\text{PO}_4)_4$	$\text{Zr}(\text{OH})_4$	Ag_2S	Ag_2SO_4
K_3N	ZrPO_4	Li_2O	$\text{Ag}_2\text{S}_2\text{O}_3$

In the table below, fill in the formula of the ionic compound below its name:

Zinc sulfate	Cobalt (II) carbide	Silver selenide	Ammonium sulfide
Lead (II) nitrate	Silver oxalate	Lead (IV) oxide	Magnesium oxide
Copper (I) sulfate	Copper (II) sulfite	Sodium bicarbonate	Strontium hypochlorite
Iron (III) oxide	Copper (I) chromate	Tin (II) sulfate	Potassium bisulfate
Cadmium Chlorite	Mercury (I) sulfite	Potassium bromide	Aluminum oxide
Tin (IV) carbonate	Tin (II) bicarbonate	Calcium phosphate	Iron (III) hydroxide
Sodium hydroxide	Potassium hydroxide	Iron (II) hydroxide	Titanium (III) sulfate
Manganese (IV) oxide	Calcium fluoride	Iron (III) sulfite	Iron (II) sulfite
Ammonium nitrate	Chromium (III) oxide	Chromium (II) acetate	Silver phosphate
Molybdenum (VI) chlorite	Potassium permanganate	Nickel (II) formate	Lead (IV) oxalate
Zinc carbonate	Lead (II) thiocyanate	Cobalt (III) chromate	Mercury (I) dichromate

Name Key HR. _____

HW 6.5 More naming and Formula writing Ionic Compounds

In the table below, fill in the formula of the ionic compound below its name:

HgCr_2O_7 Mercury (II) dichromate	$(\text{NH}_4)_3\text{PO}_4$ Ammonium phosphate	FeCO_3 Iron (II) Carbonate	$\text{Sn}_3(\text{PO}_4)_2$ Tin (II) phosphate
$\text{Cu}(\text{ClO}_3)_2$ Copper (II) chlorate	NH_4NO_3 Ammonium nitrate	NaCl Sodium chloride	AgI Silver iodide
CaSO_4 Calcium sulfate	PbO_2 Lead (IV) oxide	PbO Lead (II) oxide	$\text{Mg}(\text{MnO}_4)_2$ Magnesium permanganate
FeS Iron (II) Sulfide	Fe_2S_3 Iron (III) Sulfide	KMnO_4 Potassium permanganate	$\text{Ca}(\text{OH})_2$ Calcium hydroxide
$\text{Mo}(\text{ClO}_4)_2$ Molybdenum (II) perchlorate	CoCl_2 Cobalt (II) chloride	CuBr Copper (I) bromide	CoCl_3 Cobalt (III) chloride
$\text{Fe}_2(\text{Cr}_2\text{O}_7)_3$ Iron (III) dichromate	FeCrO_4 Iron (II) Chromate	$\text{Fe}_2(\text{CrO}_4)_3$ Iron (III) Chromate	CoP Cobalt (III) phosphide
Na_2SO_4 Sodium sulfate	NiF_2 Nickel (II) fluoride	$\text{Be}(\text{NO}_2)_2$ Beryllium nitrite	$\text{Be}(\text{NO}_3)_2$ Be Beryllium nitrate
$\text{Mo}(\text{OH})_3$ Molybdenum (III) hydroxide	$\text{K}_2\text{C}_2\text{O}_4$ Potassium oxalate	Hg_2Cl_2 mercury (I) chloride	HgCl_2 Mercury (II) chloride
$\text{Zn}(\text{H}_2\text{PO}_4)_2$ Zinc dihydrogen phosphate	Fe_2S_3 Iron (III) Sulfide	$\text{Zn}(\text{HS})_2$ Zinc bisulfide	Ag_2SO_3 Silver sulfite
$\text{Pb}_3(\text{PO}_4)_4$ lead (IV) phosphate	$\text{Zr}(\text{OH})_4$ Zirconium (IV) hydroxide	Ag_2S Silver sulfide	Ag_2SO_4 Silver sulfate
K_3N Potassium nitride	ZrPO_4 Zirconium (III) phosphate	Li_2O Lithium oxide	$\text{Ag}_2\text{S}_2\text{O}_3$ Silver thiosulfate

Name _____

HR. _____

In the table below, fill in the formula of the ionic compound below its name:

Zinc sulfate $ZnSO_4$	Cobalt (II) carbide CoC	Silver selenide Ag_2Se	Ammonium sulfide $(NH_4)_2S$
Lead (II) nitrate $Pb(NO_3)_2$	Silver oxalate $Ag_2C_2O_4$	Lead (IV) oxide PbO_2	Magnesium oxide MgO
Copper (I) sulfate Cu_2SO_4	Copper (II) sulfite $CuSO_3$	Sodium bicarbonate $NaHCO_3$	Strontium hypochlorite $Sr(ClO)_2$
Iron (III) oxide Fe_2O_3	Copper (I) chromate Cu_2CrO_4	Tin (II) sulfate $SnSO_4$	Potassium bisulfate $KHSO_4$
Cadmium Chlorite $Cd(ClO_2)_2$	Mercury (I) sulfite Hg_2SO_3 Hg_2SO_3	Potassium bromide KBr	Aluminum oxide Al_2O_3
Tin (IV) carbonate $Sn(CO_3)_2$	Tin (II) bicarbonate $Sn(HCO_3)_2$	Calcium phosphate $Ca_3(PO_4)_2$	Iron (III) hydroxide $Fe(OH)_3$
Sodium hydroxide $NaOH$	Potassium hydroxide KOH	Iron (II) hydroxide $Fe(OH)_2$	Titanium (III) sulfate $Ti_2(SO_3)_3$
Manganese (IV) oxide MnO_2	Calcium fluoride CaF_2	Iron (III) sulfite $Fe_2(SO_3)_3$	Iron (II) sulfite $FeSO_3$
Ammonium nitrate NH_4NO_3	Chromium (III) oxide Cr_2O_3	Chromium (II) acetate $Cr(C_2H_3O_2)_2$	Silver phosphate Ag_3PO_4
Molybdenum (VI) chlorite $Mo(ClO_2)_6$	Potassium permanganate $KMnO_4$	Nickel (II) formate $Ni(CHOO)_2$	Lead (IV) oxalate $Pb(C_2O_4)_2$
Zinc carbonate $ZnCO_3$	Lead (II) thiocyanate PbS_2O_3	Cobalt (III) chromate $Co_2(CrO_4)_3$	Mercury (I) dichromate $Hg_2Cr_2O_7$