Answer Key

Introduction to Naming Ionic Compounds

(Honors Chemistry)

Formula	Name	Formula	Name
MgS	**Magnesium sulfide**	$MgCrO_4$	**Magnesium chromate**
KBr	**Potassium bromide**	NH_4NO_2	**Ammonium nitrite**
Ba_3N_2	**Barium nitride**	$SrCr_2O_7$	**Strontium dichromate**
Al_2O_3	**Aluminum oxide**	K_3PO_3	**Potassium phosphite**
NaI	**Sodium iodide**	$Al(NO_3)_3$	**Aluminum nitrate**
SrF_2	**Strontium fluoride**	$CsClO_3$	**Cesium chlorate**
Li_2SO_4	**Lithium sulfate**	$RbClO_4$	**Rubidium perchlorate**
CaC_2O_4	**Calcium oxalate**	$MgCO_3$	**Magnesium carbonate**
AlP	**Aluminum phosphide**	$Ca(ClO)_2$	**Calcium hypochlorite**
KOH	**Potassium hydroxide**	LiH_2PO_4	**Lithium dihydrogen phosphate**
$LiNO_3$	**Lithium nitrate**	$Be(C_2H_3O_2)_2$	**Beryllium acetate**
$Sr_3(PO_4)_2$	**Strontium phosphate**	K_2SO_3	**Potassium sulfite**
$BaCl_2$	**Barium chloride**	$Ga(CN)_3$	**Gallium cyanide**
$NaMnO_4$	**Sodium permanganate**	$Al_2(Cr_2O_7)_3$	**Aluminum dichromate**

Writing Chemical Formulas for Ionic Compounds

MgO	Magnesium Oxide	$Ca(MnO_4)_2$	Calcium permanganate
$LiBr$	Lithium bromide	$Be_3(PO_4)_2$	Beryllium phosphate
Ca_3N_2	Calcium nitride	$Sr(C_2H_3O_2)_2$	Strontium acetate
Al_2S_3	Aluminum sulfide	GaF_3	Gallium fluoride
KI	Potassium iodide	InP	Indium phosphide
$SrCl_2$	Strontium chloride	$RbNO_3$	Rubidium nitrate
$NaHCO_3$	Sodium hydrogen carbonate	$Ca_3(PO_3)_2$	Calcium phosphite
$Mg(ClO_4)_2$	Magnesium perchlorate	$Cs_2Cr_2O_7$	Cesium dichromate
$Al_2(C_2O_4)_3$	Aluminum oxalate	$Mg(H_2PO_4)_2$	Magnesium dihydrogen phosphate
K_2CrO_4	Potassium chromate	$LiCN$	Lithium cyanide
Sr_3P_2	Strontium phosphide	Na_2SO_3	Sodium sulfite
$Ba(ClO)_2$	Barium hypochlorite	NH_4OH	Ammonium hydroxide
$NaClO_2$	Sodium chlorite	$Al(NO_2)_3$	Aluminum nitrite