

Writing Formulas and Naming Compounds Practice Sheet

Ionic Compounds

magnesium sulfide MgS
rubidium selenide Rb_2Se
sodium sulfide Na_2S
calcium fluoride CaF_2
strontium oxide SrO
aluminum chloride AlCl_3
barium bromide BaBr_2
lithium iodide LiI

Ba_3P_2 barium phosphide
 Al_2S_3 aluminum sulfide
 KCl potassium chloride
 NaF sodium fluoride
 MgF_2 magnesium fluoride
 MgO magnesium oxide
 SrCl_2 strontium chloride
 Li_2O lithium oxide

Classic System for Ionic Compounds

auric chloride AuCl_3
cuprous bromide CuBr
antimonic carbide Sb_4C_5
arsenic phosphide As_3P_5
mercurous bromide HgBr
mercuric bromide HgBr_2
cuprous oxide Cu_2O
mercuric oxide HgO

cobaltous oxide CoO
ferrous sulfide FeS
cupric oxide CuO
stannous oxide SnO
arsenous oxide As_2O_3
ferrous nitride Fe_3N_2
stannic oxide SnO_2
arsenic oxide As_2O_5

Stock System for Ionic Compounds

lead (II) sulfide PbS
iron (III) oxide Fe_2O_3
nickel (II) chloride NiCl_2
copper (I) oxide Cu_2O
gold (III) sulfide Au_2S_3
chromium (II) phosphide Cr_3P_2
cobalt (II) iodide CoI_2
tin (IV) bromide SnBr_4
manganese (IV) oxide MnO_2
mercury (II) chloride HgCl_2
lead (II) iodide PbI_2
** zinc phosphide Zn_3P_2
**silver nitride Ag_3N

FeCl_2 iron (II) chloride
 SnO_2 tin (IV) oxide
 CuBr copper (I) bromide
 FeCl_3 iron (III) chloride
 CrCl_3 chromium (III) chloride
 CuCl_2 copper (II) chloride
 CuO copper (II) oxide
 CdS cadmium sulfide
 Sb_2S_5 antimony (V) sulfide
 As_2O_3 arsenic (III) oxide
 Hg_2O mercury (I) oxide
 Pb_3N_4 lead (IV) nitride
 Zn_5P_2 zinc phosphide