

Miscellaneous: Ionic Compounds

Identify either the missing formula or the chemical name.

Part 1 - Ionic compounds

Formula	Chemical Name
NaCl	
CaCl_2	
Na_2S	
AlCl_3	
Mg_3P_2	
	Magnesium oxide
	Aluminum sulfide
	Calcium nitride
	Sodium bromide
	Beryllium oxide
	Lithium sulfide

Formula	Chemical Name
CaF_2	
Na_2O	
BaF_2	
NiO	
MgCl_2	
	Strontium phosphide
	Magnesium nitride
	Calcium chloride
	Aluminum nitride
	Potassium fluoride
	Beryllium chloride

Part 2 - Ionic compounds involving ions with multiple charges

Formula	Chemical Name
CuCl_2	
FeCl_3	
FeCl_2	
Cu_2S	
	Iron (II) sulfide
	Copper (II) phosphide
	Manganese (IV) oxide
	Iron (III) bromide
	Iron (III) nitride

Formula	Chemical Name
FeCl_2	
FeCl_3	
Cu_2S	
	Iron (II) sulfide
	Iron (III) chloride
	Copper (II) bromide
	Copper (II) sulfide
	Iron (III) bromide