

Compounds Worksheet

Part 1A: Writing ionic formulas

Compound Name	Formula
Ammonium carbonate	
Lead(II) phosphate	
Magnesium nitrite	
Copper(I) sulfate	
Aluminum chloride	
Zinc sulfide	
Magnesium hydroxide	
Iron(II) chlorate	
Silver nitrate	
Zinc iodide	
Chromium (III) nitrite	
Sodium fluoride	
Silver nitride	
Calcium chlorate	
Potassium phosphate	
Copper(II) oxide	
Sodium phosphide	
Iron(III) nitrate	
Chromium(III) chlorate	
Magnesium acetate	
Silver sulfate	
Ammonium sulfite	
Lead(II) fluoride	
Calcium bromide	
Zinc nitride	
Lithium nitrite	
Aluminum sulfide	
Barium phosphate	

Part 1B: Writing ionic names

Compound Formula	Names
Rb ₂ CO ₃	
NaBr	
CuOH	
NH ₄ ClO ₃	
PbSO ₄	
Sn(C ₂ O ₄) ₂	
KMnO ₄	
Fe(C ₂ H ₃ O ₂) ₂	
LiHCO ₃	
Zn ₃ (PO ₄) ₂	
NH ₄ CN	
NaBrO ₄	
MnO ₂	
Pb(Cr ₂ O ₇) ₂	
Co(IO ₂) ₂	
FeO	
CuCl ₂	
CaS ₂ O ₃	
BeHPO ₄	
KNO ₃	
(Cs) ₃ BO ₃	
BaNH ₂	
PbI ₂	
Ag ₂ SO ₄	
Zn(OH) ₂	
KH ₂ PO ₄	
CaCO ₃	
AlAs	

Part 2A: Writing Binary Molecular Formulas

Compound Name	Compound Formula
Carbon dioxide	
Carbon monoxide	
Diphosphorus pentoxide	
Dinitrogen monoxide	
Silicon dioxide	
Carbon tetrabromide	
Sulfur dioxide	
Phosphorus pentabromide	
Iodine trichloride	
Nitrogen triiodide	
Dinitrogen trioxide	

Part 2B: Naming Binary Molecular Compounds

Compound Formula	Compound Name
N_2O_4	
SO_3	
NO	
NO_2	
As_2O_5	
PCl_3	
CCl_4	
H_2O	
SeF_6	