

Naming and Writing Formulas of Compounds Worksheet

Identify the following compounds as ionic or covalent & write the name of the compounds.

Formula	Ionic or Covalent?	Name of the Compound
NaCl		
CO ₂		
MgCO ₃		
AlF ₃		
SO ₂		
Cu ₂ O		
SF ₆		
IF ₅		
AgNO ₃		
N ₂ O ₄		
P ₂ O ₅		
NaH ₂ PO ₄		
AsF ₅		
NaClO ₂		
CO		
B ₂ H ₆		
P ₂ S ₃		
Ca(OH) ₂		
NaHCO ₃		
H ₂ S		
Ca ₃ (PO ₄) ₂		

Naming and Writing Formulas of Compounds Worksheet

Answers

Formula	Ionic or Covalent?	Name of the Compound
NaCl	Ionic	Sodium Chloride
CO ₂	Covalent	Carbon Dioxide
MgCO ₃	Ionic	Magnesium Carbonate
AlF ₃	Ionic	Aluminium Fluoride
SO ₂	Covalent	Sulfur Dioxide
Cu ₂ O	Ionic	Cuprous Oxide
SF ₆	Covalent	Sulfur Hexafluoride
IF ₅	Covalent	Iodine Pentafluoride
AgNO ₃	Ionic	Silver Nitrate
N ₂ O ₄	Covalent	Dinitrogen Tetroxide
P ₂ O ₅	Covalent	Diphosphorus Pentoxide
NaH ₂ PO ₄	Ionic	Sodium Dihydrogen Phosphate
AsF ₅	Covalent	Arsenic Pentafluoride
NaClO ₂	Ionic	Sodium Chlorite
CO	Covalent	Carbon Monoxide
B ₂ H ₆	Covalent	Diboron Hexhydride
P ₂ S ₃	Covalent	Diphosphorus Trisulfide
Ca(OH) ₂	Ionic	Calcium Dihydroxide
NaHCO ₃	Ionic	Sodium Hydrogen Carbonate
H ₂ S	Covalent	Dihydrogen Sulfide
Ca ₃ (PO ₄) ₂	Ionic	Calcium Phosphate