

IONIC AND COVALENT COMPOUNDS WORKSHEET

Name the following compounds and identify if they are ionic (I) or covalent (C).

Formulas	Name of the Compound	Ionic or Covalent?
CCl_4		
NaCl		
PI_3		
CO_2		
Al_2O_3		
MgBr_2		
CS_2		
NF_3		
O_2		
Ca_3N_2		
HF		
K_2O		
AlPO_4		
ZnSO_2		
NO_2		

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Name the following compounds and identify if they are ionic (I) or covalent (C).

Answers

Formulas	Name of the Compound	Ionic or Covalent?
CCl_4	Carbon Tetrachloride	C
NaCl	Sodium Chloride	I
PI_3	Phosphorus Iodide	C
CO_2	Carbon Dioxide	C
Al_2O_3	Aluminium Oxide	I
MgBr_2	Magnesium Bromide	I
CS_2	Carbon Disulfide	C
NF_3	Nitrogen Trifluoride	C
O_2	Oxygen	C
Ca_3N_2	Calcium Nitride	I
HF	Hydrogen Fluoride	C
K_2O	Potassium Oxide	I
AlPO_4	Aluminum Phosphate	I
ZnSO_2	Zinc Sulfate	I
NO_2	Nitrogen Dioxide	C