

— IONIC COMPOUND WORKSHEET —

Write the formulas of the compounds whose names have been given in the table below.

Name of the Compound	Formula
Sodium Hydroxide	
Magnesium Phosphide	
Calcium Sulfate	
Potassium Carbonate	
Ammonium Hydroxide	
Silver Sulfite	
Zinc Chloride	
Calcium Phosphate	
Calcium Oxide	
Ammonium Sulfite	
Beryllium Chloride	
Magnesium Nitrate	
Silver Cyanide	
Copper (I) Arsenide	
Cobalt (II) Nitride	
Iron (III) Oxide	
Titanium (IV) Iodide	
Vanadium (V) Phosphate	
Chromium (VI) Sulfide	

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Answers

Name of the Compound	Formula
Sodium Hydroxide	NaOH
Magnesium Phosphide	Mg ₃ P ₂
Calcium Sulfate	CaSO ₄
Potassium Carbonate	K ₂ CO ₃
Ammonium Hydroxide	NH ₄ OH
Silver Sulfite	Ag ₂ SO ₃
Zinc Chloride	ZnCl ₂
Calcium Phosphate	Ca ₃ (PO ₄) ₂
Calcium Oxide	CaO
Ammonium Sulfite	(NH ₄) ₂ SO ₃
Beryllium Chloride	BeCl ₂
Magnesium Nitrate	Mg(NO ₃) ₂
Silver Cyanide	AgCN
Copper (I) Arsenide	Cu ₃ As
Cobalt (II) Nitride	Co ₃ N ₂
Iron (III) Oxide	Fe ₂ O ₃
Titanium (IV) Iodide	TiI ₄
Vanadium (V) Phosphate	V ₃ (PO ₄) ₅
Chromium (VI) Sulfide	CrS ₃