

Polyatomic Ions Naming and Formula Writing Worksheet

Complete the table with appropriate information.

Chemical Formula	Name of the Compound
AgNO_3	
$\text{Al}(\text{HCO}_3)_3$	
$\text{Al}_2(\text{SO}_4)_3$	
AlPO_4	
$\text{Ba}(\text{OH})_2$	
$\text{Ca}(\text{NO}_3)_2$	
$\text{Ca}_3(\text{PO}_4)_2$	
$\text{Co}(\text{BrO}_3)_2$	
KNO_3	
Li_2CO_3	
MgCO_3	
MgSO_4	
Na_2CO_3	
$\text{NaC}_2\text{H}_3\text{O}_2$	
NaClO_3	
NaOH	
NH_4ClO_3	
$\text{Sn}(\text{OH})_4$	
ZnCO_3	

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Answers

Chemical Formula	Name of the Compound
AgNO_3	Silver Nitrate
$\text{Al}(\text{HCO}_3)_3$	Aluminum Bicarbonate
$\text{Al}_2(\text{SO}_4)_3$	Aluminum Sulfate
AlPO_4	Aluminum Phosphate
$\text{Ba}(\text{OH})_2$	Barium Hydroxide
$\text{Ca}(\text{NO}_3)_2$	Calcium Nitrate
$\text{Ca}_3(\text{PO}_4)_2$	Calcium Phosphate
$\text{Co}(\text{BrO}_3)_2$	Cobalt (II) Bromate
KNO_3	Potassium Nitrate
Li_2CO_3	Lithium Carbonate
MgCO_3	Magnesium Carbonate
MgSO_4	Magnesium Sulfate
Na_2CO_3	Sodium Carbonate
$\text{NaC}_2\text{H}_3\text{O}_2$	Sodium Acetate
NaClO_3	Sodium Chlorate
NaOH	Sodium Hydroxide
NH_4ClO_3	Ammonium Chlorate
$\text{Sn}(\text{OH})_4$	Tin (IV) Hydroxide
ZnCO_3	Zinc Carbonate