Compounds Containing Polyatomic Ions Worksheet

Complete the table with the appropriate information.

Name of the Compound	Formula
Ammonium Hydroxide	
Potassium Sulfate	
Magnesium Nitrate	
Barium Nitrate	
Calcium Sulfate	
Magnesium Phosphate	
Potassium Dichromate	
Lithium Carbonate	
Rubidium Cyanide	
Aluminum Chlorate	
Barium Acetate	
Cesium Chromate	
Potassium Acetate	
Sodium Nitrate	
Aluminum Sulfate	
Cesium Chlorate	
Strontium Bicarbonate	
Ammonium Carbonate	
Sodium Chromate	
Ammonium Chloride	

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Answers

Name of the Compound	Formula
Ammonium Hydroxide	NH_4OH
Potassium Sulfate	K_2SO_4
Magnesium Nitrate	$Mg(NO_3)_2$
Barium Nitrate	$Ba(NO_3)_2$
Calcium Sulfate	$CaSO_4$
Magnesium Phosphate	$Mg_3(PO_4)_2$
Potassium Dichromate	$K_2Cr_2O_7$
Lithium Carbonate	Li_2CO_3
Rubidium Cyanide	$RbCN$
Aluminum Chlorate	$Al(ClO_3)_3$
Barium Acetate	$Ba(C_2H_3O_2)_2$
Cesium Chromate	Cs_2CrO_4
Potassium Acetate	$K(C_2H_3O_2)$
Sodium Nitrate	$NaNO_3$
Aluminum Sulfate	$Al_2(SO_4)_3$
Cesium Chlorate	$CsClO_3$
Strontium Bicarbonate	$Sr(HCO_3)_2$
Ammonium Carbonate	$(NH_4)_2CO_3$
Sodium Chromate	Na_2CrO_4
Ammonium Chloride	NH_4Cl