

Chemistry 2202 - Science 1206 Review

Worksheet #2 Writing Formulas for Ionic Compounds

Name	Cation	Anion	Formula
sodium nitride			
lithium nitrite			
potassium nitrate			
iron (III) nitrate			
iron (II) nitride			
copper (II) nitrate			
magnesium chloride			
calcium hypochlorite			
barium chlorite			
strontium chlorate			
aluminum perchlorate			
cobalt (III) bromide			
cobalt (II) chloride			
ammonium sulfide			
zinc sulfite			
silver sulfate			
tin (II) sulfate			
antimony (III) bisulfate			
sodium hydrogen carbonate			
magnesium bicarbonate			
aluminum cyanide			
mercury (I) cyanide			
calcium hydroxide			
mercury (II) hydroxide			
lead (IV) oxide			

mercury (II) selenide			
iron (III) chromate			
tin (IV) permanganate			

Writing Formulas for Ionic Compounds

Name of Hydrate	Formula of Hydrate
magnesium sulfate heptahydrate	
sodium carbonate decahydrate	
magnesium chloride hexahydrate	
barium chloride dihydrate	
cadmium (II) nitrate tetrahydrate	
zinc chloride hexhydrate	
zinc sulfate heptahydrate	
lithium chloride tetrahydrate	
sodium carbonate monohydrate	
cobalt (II) chloride hexahydrate	
aluminum chloride hexahydrate	
calcium chloride dihydrate	
barium hydroxide octahydrate	
nickel (II) chloride hexhydrate	
sodium sulfate decahydrate	