

Name _____ Period _____

CP Chemistry of the Earth

Assignment 2Q – Name to Formula from Ionic Compounds (*Part 2*)

20 Points

For the following ionic compounds, determine the name of the ionic compound

YCl ₃		Y ₂ (CO ₃) ₃		Y ₂ (C ₂ O ₄) ₃	
Ion	Ion Name	Ion	Ion Name	Ion	Ion Name
Y ³⁺		Y ³⁺		Y ³⁺	
Cl ¹⁻		CO ₃ ²⁻		C ₂ O ₄ ²⁻	
Ionic Compound Name		Ionic Compound Name		Ionic Compound Name	

Complete the following ionic compounds based on the chart below using the cross method.

Ionic Compound	Strontium Nitrate		Palladium(III)Bromide		Cobalt(II)Hydroxide	
Elements <i>or</i> Poly Ions						
Ion Charge						
Cross Method						
Ionic Formula						

Ionic Compound	Platinum(II)Nitride		Aluminum Sulfate		Zinc(I)Dichromate	
Elements <i>or</i> Poly Ions						
Ion Charge						
Cross Method						
Ionic Formula						

