

Name _____ Period _____

CP Chemistry of the Earth

Assignment 2I – Binary Ionic Compounds of Transition Elements

20 Points

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

Elements	Zn ¹⁺	Cl	Ni ²⁺	P	Pb ⁴⁺	N
Ion Charge						
Cross Method						
Ionic Formula						

Elements	Ca	O	Cu ³⁺	N	W ⁶⁺	S
Ion Charge						
Cross Method						
Ionic Formula						

Elements	Sn ⁴⁺	O	Ag ¹⁺	F	Cr ³⁺	Se
Ion Charge						
Cross Method						
Ionic Formula						