

Name _____ Period _____

CP Chemistry of the Earth

Assignment 4M – Naming Ionic Compounds (*Binary Compounds*)

20 Points

*For the following ionic compounds, determine the name of the ionic compound**Representative Metals*

KCl	
Ion	Ion Name
K	
Cl	
Ionic Compound Name	

Al ₂ O ₃	
Ion	Ion Name
Al	
O	
Ionic Compound Name	

Ca ₃ N ₂	
Ion	Ion Name
Ca	
N	
Ionic Compound Name	

Transition Metals

Zn ₂ S	
Ion	Ion Name
Zn ¹⁺	
S	
Ionic Compound Name	

PbF ₄	
Ion	Ion Name
Pb ⁴⁺	
F	
Ionic Compound Name	

Cr ₃ P ₂	
Ion	Ion Name
Cr ²⁺	
P	
Ionic Compound Name	

VBr ₆	
Ion	Ion Name
V ⁶⁺	
Br	
Ionic Compound Name	

FeN	
Ion	Ion Name
Fe ³⁺	
N	
Ionic Compound Name	

V ₂ S ₃	
Ion	Ion Name
V ³⁺	
S	
Ionic Compound Name	