Name _____ Period _____

College Prep Chemistry of the Earth System

Assignment 5A 30 Points

Ionic Bonding Review

Find the correct ionic compound formula using cross method

Al (+3) and O (-2)
Cross Method (*show work*)
Ionic Compound Formula

Ca (+2) and S (-2)
Cross Method (*show work*)
Ionic Compound Formula

Cu (+2) and N (-3)
Cross Method (*show work*)
Ionic Compound Formula

W (+6) and PO_4^{3-} (-3)
Cross Method (*show work*)
Ionic Compound Formula

Pb (+4) and Cl (-1)
Cross Method (*show work*)
Ionic Compound Formula

Si (+4) and NO_3^{1-} (-1)
Cross Method (*show work*)
Ionic Compound Formula