

Polyatomic Ionic Compounds (Completion)

Name: _____ Per: _____

Directions: In the blank spaces, write the correct formula for the ionic compound made from the indicated cations and anions.

	OH ⁻	SO ₄ ²⁻	PO ₄ ³⁻	NO ₃ ⁻
Li ⁺				
NH ₄ ⁺				
Sr ²⁺				
Cu ²⁺				
Al ³⁺				

Directions: First quickly scan the worksheet and circle any metals (as a symbol or as a name) that are transition metals or can form more than one ion. Then either give the name or chemical formula as necessary for each problem below.

- NH₄Cl _____
- PbSO₄ _____
- Sr₃(PO₄)₂ _____
- Zn(ClO₃)₂ _____
- Pb(CN)₄ _____
- Na₂SO₄ _____
- Fe(NO₃)₃ _____
- (NH₄)₃PO₄ _____
- Barium nitrate _____
- Ammonium sulfate _____
- Aluminum hydroxide _____
- Calcium phosphate _____
- Zinc cyanide _____
- Copper (II) sulfate _____
- Tin (IV) sulfite _____
- Silver nitrate _____