

Binary Ionic Compounds (Points)

Name: _____ Per: _____

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

	O ²⁻	P ³⁻	F ⁻
Ca ²⁺			
Sn ⁴⁺			
Na ⁺			
Fe ³⁺			

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

- Li₃P _____
- SnSe _____
- AlBr₃ _____
- SrO _____
- FeF₃ _____
- Pb₃N₄ _____
- KCl _____
- Rb₂S _____
- Ba₃P₂ _____
- CuS _____
- Beryllium fluoride _____
- Beryllium sulfide _____
- Copper (II) chloride _____
- Lead (IV) oxide _____
- Iron (III) bromide _____
- Aluminum fluoride _____
- Calcium nitride _____
- Lithium phosphide _____
- Iron (II) oxide _____
- Silver chloride _____