

## Worksheet: Understanding Formulas

(Frameworks Code)

Part A: Complete the following table:

	Name of Positive Ion	Name of Negative Ion	Name of Compound
1. KOH			
2. NaPO <sub>4</sub>			
3. Ca(ClO <sub>3</sub> ) <sub>2</sub>			
4. MgSO <sub>4</sub>			
5. NH <sub>4</sub> HCO <sub>3</sub>			
6. LiNO <sub>3</sub>			
7. BaCO <sub>3</sub>			
8. KC <sub>2</sub> H <sub>3</sub> O <sub>2</sub>			
9. NH <sub>4</sub> OH			

Part B: Complete the following table:

Formula	Symbol & oxidation # of the + Ion	Symbol & oxidation # of the - Ion	Formula	Symbol & oxidation # of the + Ion	Symbol & oxidation # of the - Ion
Ex: AlPO <sub>4</sub>	Al 3+	PO <sub>4</sub> 3-	8. Ba <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub>		
1. CaCl <sub>2</sub>			9. Cu <sub>2</sub> O		
2. Ag <sub>2</sub> S			10. HgCl <sub>2</sub>		
3. Pb(CO <sub>3</sub> ) <sub>2</sub>			11. PbO		
4. K <sub>2</sub> SO <sub>4</sub>			12. Fe <sub>2</sub> O <sub>3</sub>		
5. HgCl			13. FeS		
6. SnO <sub>2</sub>			14. H <sub>2</sub> S		
7. PbCl <sub>2</sub>			15. NH <sub>4</sub> OH		