

# Identifying Ionic & Covalent Bonds

## Directions:

1. Use your periodic table & notes to complete this assignment
2. Identify the elements in each formula
3. Categorize them as either "metals" or "non-metals"
4. Determine the type of bond each compound has.

Formula	Metals	Non-Metals	Type of Bond
1. HF		Hydrogen Fluorine	Covalent
2. NaCl	Sodium	Chlorine	Ionic
3. C <sub>4</sub> H <sub>10</sub>			
4. Al <sub>2</sub> O <sub>3</sub>			
5. CBr <sub>4</sub>			
6. Na <sub>2</sub> S			
7. Sr <sub>3</sub> N <sub>2</sub>			
8. H <sub>2</sub> S			
9. BaF <sub>2</sub>			
10. C <sub>2</sub> H <sub>6</sub>			
11. NO <sub>2</sub>			
12. MgCl <sub>2</sub>			