

Name _____ Date _____

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 ₄ H ₁₀			
4. Al ₂ O ₃			
5. CBr ₄			
6. Na ₂ S			
7. Sr ₃ N ₂			
8. H ₂ S			
9. BaF ₂			
10. C ₂ H ₆			
11. NO ₂			
12. MgCl ₂			