

Identifying Ionic & Covalent Bonds

Directions:

1. Use your periodic table & notes to complete the table.
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
HF		Hydrogen Fluorine	Covalent
NaCl	Sodium	Chlorine	Ionic
C ₄ H ₁₀			
Al ₂ O ₃			
CBr ₄			
Na ₂ S			
Sr ₃ N ₂			
H ₂ S			
BaF ₂			
C ₂ H ₆			
NO ₂			
MgCl ₂			

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