

Nomenclature Worksheet Binary Covalent Compounds

Please complete the following table:

Name of <i>Covalent</i> Compound	Formula of <i>Covalent</i> Compound
1. carbon dioxide	
2. phosphorus triiodide	
3. sulfur dichloride	
4. nitrogen trifluoride	
5. dioxygen difluoride	
	6. N ₂ F ₄
	7. SCl ₄
	8. ClF ₃
	9. SiO ₂
	10. P ₄ O ₁₀

Determine whether the following compounds are **covalent** or **ionic** and give them their proper names.

1. Ba(NO₃)₂
2. CO
3. PCl₃
4. KI
5. CF₄
6. MgO
7. Cu₂S
8. SO₂
9. NCl₃
10. XeF₆