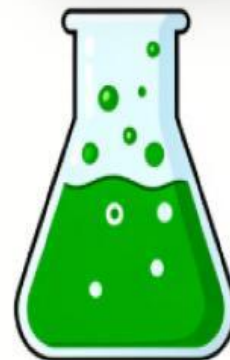


Writing Chemical Formulas for Covalent Compounds

For covalent compounds (non-metal + non-metal), we do **NOT** criss-cross charges. Instead, the prefixes in the name tell you exactly how many atoms of each element are present.

- **mono-** = 1 (omitted on first element)
- **di-** = 2
- **tri-** = 3
- **tetra-** = 4
- **penta-** = 5
- **hexa-** = 6



Translate the names directly into formulas:

Name	Formula
Carbon dioxide	
Dinitrogen monoxide	
Sulfur hexafluoride	
Phosphorus pentachloride	