

Lewis Structure Worksheet #1

Read the **Instructions for Drawing Lewis Structures** worksheet carefully and complete Lewis structures for each of the following molecules:

Group A: Simple Molecules

| | | | | |
|-----------------|-----------------|------------------|------------------|------------------|
| CH ₄ | NH ₃ | H ₂ O | SiF ₄ | NCl ₃ |
| | | | | |

Group B: Polyatomic Ions

| | | | |
|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| PO ₄ ³⁻ | ClO ₃ ⁻ | ClO ₄ ⁻ | SO ₃ ²⁻ |
| | | | |

Group C: Multiple Bonds

| | | | |
|-------------------|-----|----|-----------------|
| H ₂ CO | HCN | CO | CO ₂ |
| | | | |