**Worksheet #1: Lewis Structures** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- | --- | --- |
| **Formula** | **Lewis Structure** | **Molecular**  **Geometry** | **Polarity**  **(yes/no)** |
| HBr |  |  |  |
| NH3 |  |  |  |
| CH4 |  |  |  |
| SO42- |  |  |  |
| CO32- |  |  |  |
| H2O |  |  |  |
| PH­3 |  |  |  |
| O2 |  |  |  |
| O3 |  |  |  |

    
 

|  |  |  |  |
| --- | --- | --- | --- |
| **Formula** | **Lewis Structure** | **Molecular**  **Geometry** | **Polarity** |
| H2CO |  |  |  |
| H2O2 |  |  |  |
| C2H4 |  |  |  |
| C2H5OH |  |  |  |
| CCl4 |  |  |  |
| C2H2 |  |  |  |
| N2O |  |  |  |
| SO2 |  |  |  |
| NH4+ |  |  |  |