**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+   |  |  |  |