**Virtual Molecular Model Activity**

Go to <https://chemagic.org/molecules/amini.html> which is a model kit.

Model each of the following molecules in the software. Draw the structure with lines showing single bonds, double lines showing double bonds. Fill in the table, including # and types of atoms, molecular structure and compound name.

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| --- | --- | --- | --- | --- |
| Common Name | Molecular Formula | Molecular Structure | Compound name (system name) | # and types of atoms |
| Water | H2O | H-O-H | Dihydrogen monoxide | 2 hydrogen1 oxygen |
| Hydrogen Peroxide | H2O2 |  |  |  |
| Methane | CH4 |  |  |  |
| Propane | C3H8 |  |  |  |
| Dry ice (when solid) | CO2 |  |  |  |
| Ethylene | C2H4 |  |  |  |
| \_\_\_\_\_\_\_\_ | CCl4 |  |  |  |
| Ammonia | NH3 |  |  |  |
| Cyanide | HCN |  |  |  |