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| Conservation of Mass: Chemical ReactionsUse the table below to construct ball and stick models. Draw a 2-D version of the model you built and count the number of bonds, and atoms.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Compound | Formula | 2-D Drawing | Total # of atoms | Total number of bonds |
| Water | H20 |  |  |  |
| Oxygen2 springs | 02 |  |  |  |
| Methane | CH4 |   |   |   |
| Carbon Dioxide4 springs | CO2 |   |   |   |
| Ammonia | NH3 |   |   |   |
| Ethane | C2H6 |   |   |   |
| Ethanol | C2H5OH |   |   |   |

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