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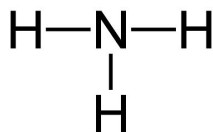
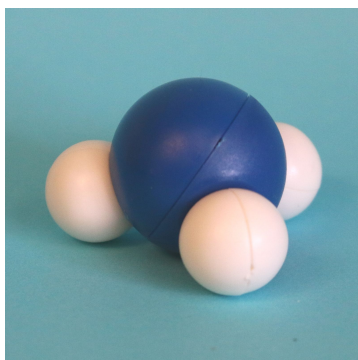
- 26 hydrogen (white)
- 4 halogens (green)
- 12 carbon (black)
- 2 sulfur (yellow)
- 12 oxygen (red)
- 2 phosphorus (purple)
- 4 nitrogen (blue)
- 12 double/triple bonds

Thanks for buying Snatoms! Snatoms are a molecular modeling kit where the atoms snap together magnetically. They're pretty intuitive, but if you need some help, here are a few molecules you can make with the atoms you have.

Once you understand how to translate molecular diagrams to your Snatoms, you can make dozens of different models of molecules.

Be sure to share what you make with us at the @snatoms Instagram!

## How To Translate Molecular Diagrams to Snatoms:

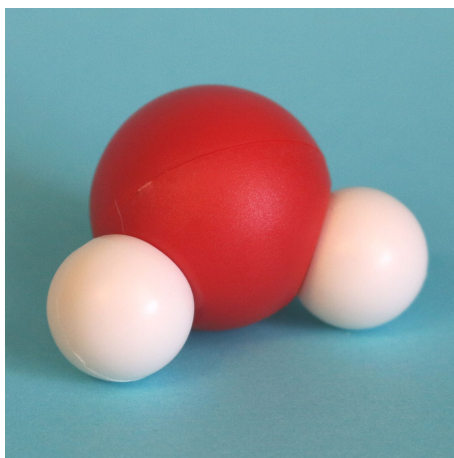


To the left is **ammonia (NH<sub>3</sub>)**, represented by both Snatoms and its molecular diagram. The letters in the diagram refer to each atom's chemical symbol from the periodic table, so ammonia contains three hydrogen atoms (H) and one nitrogen atom (N). There are three available spaces on the nitrogen Snatom for the hydrogen Snatoms to attach to.

Double and triple bonds are represented by double and triple lines in molecular diagrams - see nitrogen and oxygen below to see how these work with Snatoms.

For video learning resources, go to [snatoms.com](https://snatoms.com) or search 'Snatoms' on YouTube.

## Molecules You Find In The Atmosphere:



**Water**  
**H<sub>2</sub>O**



**Nitrogen**  
**N<sub>2</sub>**



**Oxygen**  
**O<sub>2</sub>**

