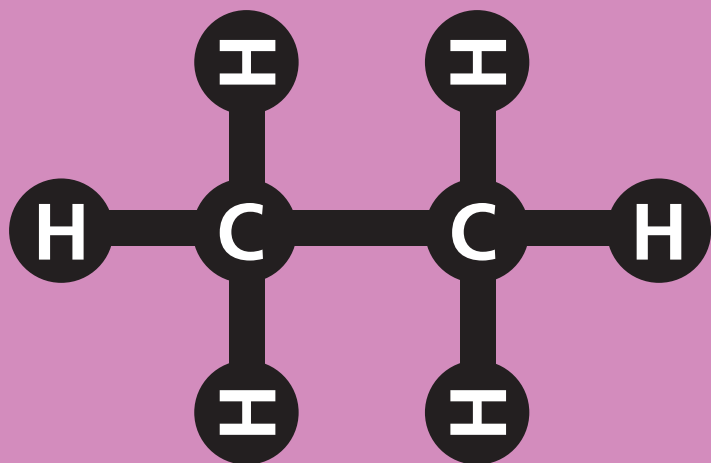


**Hydrocarbons** are made up of hydrogen and carbon atoms

Carbon can connect to hydrogen like this:



The chemical formula is:

Two atoms of carbon.



Six atoms of hydrogen.

These are called straight chain molecules.

How is the number of *carbon atoms* related to the number of *hydrogen atoms*?