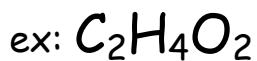


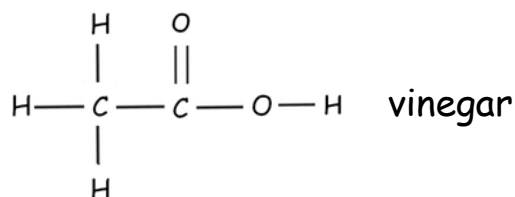
Representation of Organic Molecules in 2-D

1) molecular formula



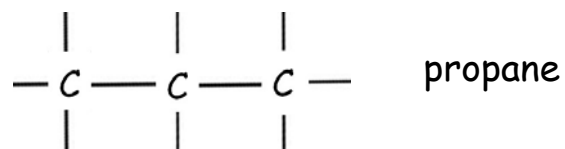
2) structural formula

ex:



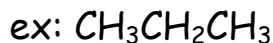
3) modified structure

ex.



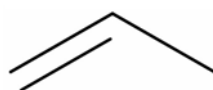
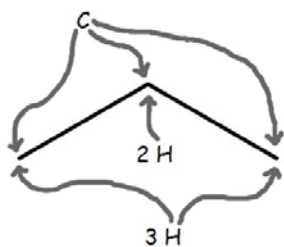
omit H

4) condensed structural formula

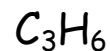
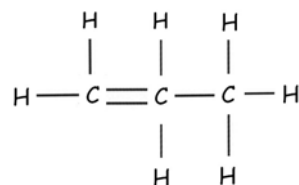


5) Line Diagrams

ex:



double bonded



-the line indicates a bond

-where there is an intersection there is a carbon

-where there is a carbon, there is enough hydrogen to satisfy bonding requirements

(note: there is a carbon at each end of a line as well)