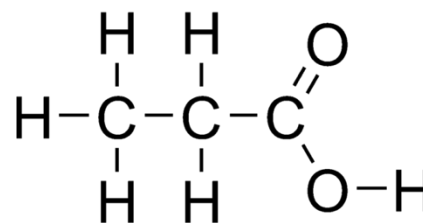1/9/19

Ways to represent Molecules
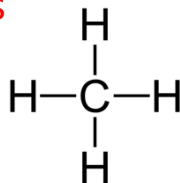
Fully Displayed Formula:

Every atom and bond is shown
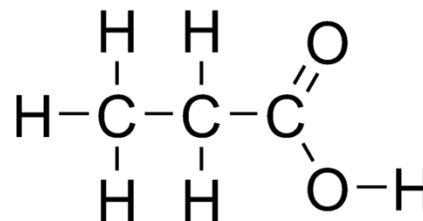
Semi-Displayed Formula:

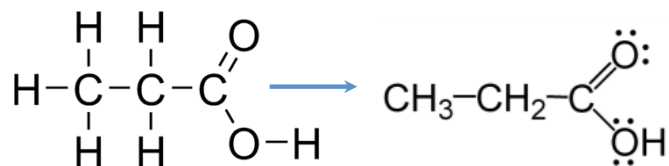Here we don't show bonds between Carbon and Hydrogen, so that

H—C—H with H above and below

Becomes: **CH$_4$**

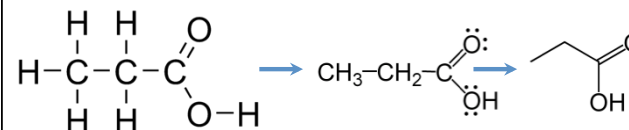## Fully Displayed Formula:

Try drawing this out in a semi-displayed form.

1

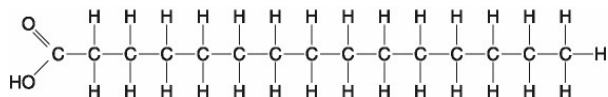## Semi-Displayed Formula:

Skeletal Formula:

Simplify it even further by showing no carbons or hydrogens.
Carbons are referenced as kinks, and hydrogens are deduced based on how many bonds carbon has used to bond with other elements.
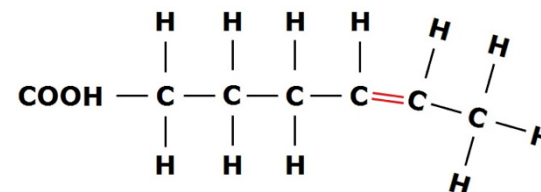
Skeletal Formula:

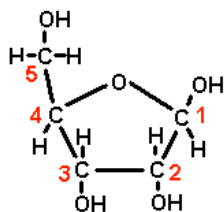Practice drawing these out in their skeletal forms:

Skeletal Formula:

Practice drawing these out in their skeletal forms:

Skeletal Formula:

Practice drawing these out in their skeletal forms:

Skeletal Formula:

Can you draw this out in full display?