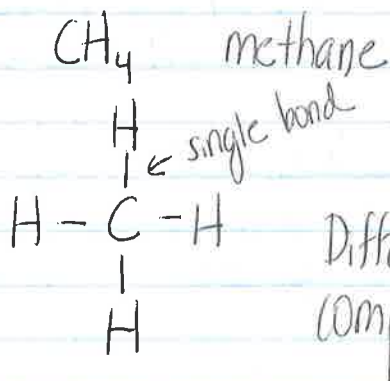
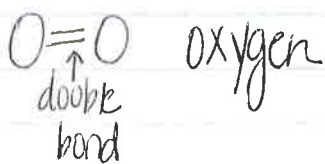
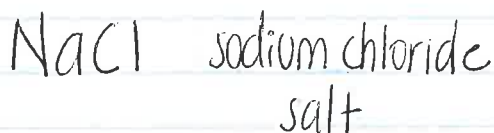
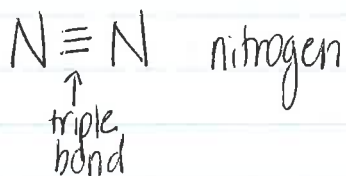


A molecule - two or more atoms joined by a chemical bond.

* Molecules can be elements or compounds.



Same type of atom
= element

Different atoms =
compound

Mixtures contain more than one type of atom, compound, or molecule.

Pure substance - cannot be separated by physical means.

All mixtures can be separated into component parts by physical means: sorting, filtering, heating, cooling.

Homogeneous Mixture - same composition ex: salt water, oil

Heterogeneous Mixture - different composition in each sample: trail mix, concrete, desks