

Name: _____ Answer Key _____ Date: _____ Period: _____

Complete the following table:

Using your notes to help you, define the following terms:

Element: is a type of matter with a unique set of properties that cannot be broken down into simpler substances by chemical means.

Compound: Compound- A compound is two or more different elements held together in fix proportions.

Ion: Ions are atoms or groups of atoms with a charge (+ or-)

Molecule: Molecules are combinations of two or more atoms of the same or different elements.

Atom: An atom is the basic building block of matter.

Chemical	Is it an element?	Is it a compound?	What elements are present in this compound?
Glucose (C ₆ H ₁₂ O ₆)	N	Y	Carbon, Hydrogen, Oxygen
Sulfur (S)	Y	N	Sulfur-not a compound
Iron (Fe)	Y	N	Iron -Not a compound
Urea (CH ₄ N ₂ O)	N	Y	Carbon, Hydrogen, Nitrogen, Oxygen
Carbon Dioxide (CO ₂)	N	Y	Carbon, Oxygen

Circle each of the molecules.