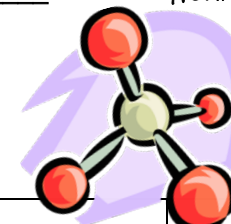


Name: \_\_\_\_\_

Hour: \_\_\_\_\_

# Atoms, Elements, Molecules, and Compounds – Oh My!

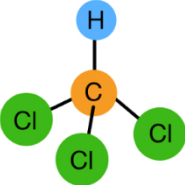


**Learning Objective:** Develop models to describe the atomic composition of simple molecules and extended structures.

Chemical Formula or Symbol	Element, Molecule, Compound? (write ALL that apply)	Ball & Stick Model Drawing	Number of Atoms of Each Element (symbol = #)	Total Number of Atoms	Number of Molecules	Number of Elements
<b>H<sub>2</sub>O</b>			Hydrogen = Oxygen =			
<b>CH<sub>4</sub></b>			Carbon = Hydrogen =			
<b>Br<sub>2</sub></b>			Bromine =			
<b>CaCl<sub>2</sub></b>			Calcium = Chlorine =			

Name: \_\_\_\_\_

Hour: \_\_\_\_\_

Chemical Formula or Symbol	Element, Molecule, Compound? (write ALL that apply)	Ball & Stick Model Drawing	Number of Atoms of Each Element (symbol = #)	Total Number of Atoms	Number of Molecules	Number of Elements
Co			Cobalt =			
CHCl <sub>3</sub>			Carbon = Hydrogen = Chlorine =			
O <sub>3</sub>			Oxygen =			
H <sub>2</sub> O <sub>2</sub>			Hydrogen = Oxygen =			
Ni			Nickle =			

*Learning Objective:* Develop models to describe the atomic composition of simple molecules and extended structures.