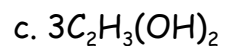
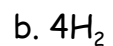


*List each element in the compound by giving its name. After the elements name, write the number of atoms of that element that are in the compound. ~The first one is an example.

Compound Name	Use	Formula	Atoms in Formula
Calcium carbonate	Limestone	CaCO_3	Calcium - 1 Carbon - 1 Oxygen - 3
Aspirin	Pain reliever	$\text{C}_9\text{H}_8\text{O}_4$	_____ _____ _____
Magnesium hydroxide	Found in milk of magnesia	$\text{Mg}(\text{OH})_2$	
Acetic acid	Found in vinegar	$\text{C}_2\text{H}_4\text{O}_2$	
Pyrite	Fool's gold	FeS_2	
Trinitrotoluene (TNT)	Explosive	$\text{C}_7\text{H}_5(\text{NO}_2)_3$	
Sucrose	Sugar	$\text{C}_{12}\text{H}_{22}\text{O}_{11}$	Carbon- ____ Hydrogen- ____ Oxygen- ____
Sulfuric acid	Used in car batteries	H_2SO_4	
Butane	Lighter fluid	C_4H_{10}	
Sodium hypochlorite	Active ingredient in bleach	NaOCl	
Calcium dihydrogen phosphate	Fertilizer	$\text{Ca}(\text{H}_2\text{PO}_4)_2$	Calcium - ____ Hydrogen- ____ Phosphorous- ____ Oxygen- ____

Directions: Draw a *circle* around the **coefficients** and put a *triangle* around the *subscripts*.



*Name the element and tell how many atoms of each element are in the molecule.

3H	_____
2CO_2	_____ _____
$3\text{H}_3\text{BO}_3$	_____ _____ _____
$(\text{NH}_4)_2\text{SO}_4$	_____ _____ _____ _____
$2\text{Al}(\text{OH})_3$	_____ _____ _____
$3\text{Pb}(\text{NO}_3)_2$	_____ _____ _____