**Finding the Molar Mass of Common Household Items**

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| For those wanting to learn.  **Directions:**   1. You must choose 2 from each column. 2. Items in the left column have the chemical formula given. Use your pink poly sheet and try to write the chemical formula (unit 4). 3. Once you have tried to correctly name the compound, use google to not only check your work but also to learn the correct formula for the right column. 4. Use the periodic table to find the molar mass. ADD UP THE MASSES. That’s all you do is add the mass and add g/mol label.   Sample: H2O where H=1.01 & O= 16.00 so then 1.01 + 1.01 + 16.00 = 18.02 g/mol   1. You can then utilize google to help check your work. If you are really wanting to learn, use google to check not to cheat. | For those who just want it done.  **Directions:**   1. You must choose 2 from each column. 2. Items in the left column have the chemical formula given, but I know you will google the answer anyway. 3. Use google to look up both the formula and molar mass of your 4 compounds. 4. I understand that you don’t care and just want to do the bare minimum with the aid of google, but Momma Hoffart needs you to know that this is a super hard habit to break. 5. You tell yourself that it is temporary, but you **know** it is habit forming. 6. I have seen many kids come back to JJC after loosing scholarships because mom and dad are not there to wake them up for class and they fail out of college. 7. I want the best for you, so know I am here to help when you are ready to learn. |
| **Pick 2 from each side for 4 total Common Household Items** | |
| * Table salt or **sodium chloride** * Baking soda or **sodium bicarbonate** * Wateror **dihydrogen monoxide** * Vinegar or acetic acid also known as **hydrogen acetate** * Drain cleaner or **sodium hydroxide** * Gas stove or methane also known as **carbon tetrahydride** (Covalent Unit 5) * Toothpaste has **sodium fluoride** | * Disinfectant or hydrogen peroxide * Car fuel or ethanol * Vitamin C or ascorbic acid * Pain & fever reducer or a**cetylsalicylic acid** * Disinfectant or isopropyl alcohol * Sugar or sucrose * Corn starch that is made of 95 atoms! |

**\* Be prepared to share your 4 molar masses next class on goformative.**