

HONC If You Like Molecules HW

Read and outline (Cornell style) **pages 717 and 737-378 ONLY** in your Chemistry textbook. Then answer the following assessment questions:

1. Use the HONC 1234 rule to create possible molecules with the following molecular formulas. Remember it is easiest to start with the carbon atoms:
 - a. $\text{C}_3\text{H}_8\text{O}_2$
 - b. $\text{C}_4\text{H}_{11}\text{N}$
 - c. C_4H_{10}
 - d. $\text{C}_5\text{H}_{12}\text{O}$
2. What is an isomer? Draw an example of 2 molecules that are isomers.
3. What is a structural formula?