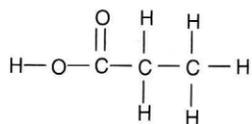


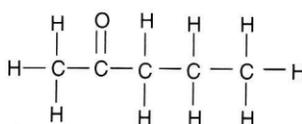
Molecules in 2D HW

NO TEXTBOOK WORK TODAY!! (You lucky ducks!) Just answer the following questions in your notebook:

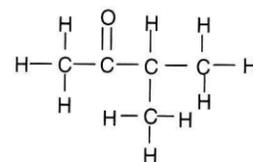
1. Two kids each start with 20 wooden boards of the same dimensions, 50 roofing tiles, and 100 nails. Working on their own and using a hammer and a saw they each build two very different doghouses. Explain how this story relates to what you learned in class today.
2. The molecules in vials G and H (smelled in class) each have the same molecular formula yet one smells sweet and other smells putrid. Explain how you think this might be possible.
3. In your notebook, draw each of the following molecules below. Circle and identify (by name) the functional group in each molecule.



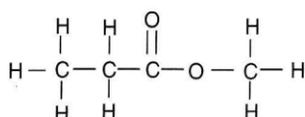
a.)



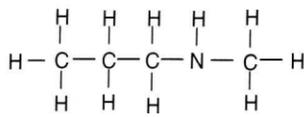
b.)



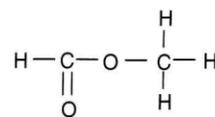
c.)



d.)



e.)



f.)

4. Write the molecular formula for each of the molecules above.