

Draw these compounds.

$$\begin{array}{ccccccccccc} & | & & | & & | & & | & & | & \\ -C- & C- & C- & C- & C- & C- & C- & C- & C- & C- & \\ & | & & | & & | & & | & & | & \end{array}$$

O

$$- \overset{\text{H}}{\underset{\text{H}}{\text{C}}} - \overset{\text{H}}{\underset{\text{H}}{\text{C}}} - \overset{\text{H}}{\underset{\text{H}}{\text{C}}} - \text{O} - \overset{\text{H}}{\underset{\text{H}}{\text{C}}} - \overset{\text{H}}{\underset{\text{H}}{\text{C}}} - \overset{\text{H}}{\underset{\text{H}}{\text{C}}} -$$

propanoic acid

CC(N)C(=O)O
$$\begin{array}{ccccccc} | & | & | & | & | & | & | \\ C - C - C - C - C - C - C - C - OH \\ | & | & | & | & | & | & | \\ & & & & & C - & \end{array}$$

yl pentanal

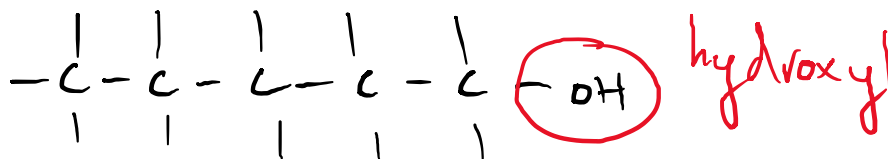
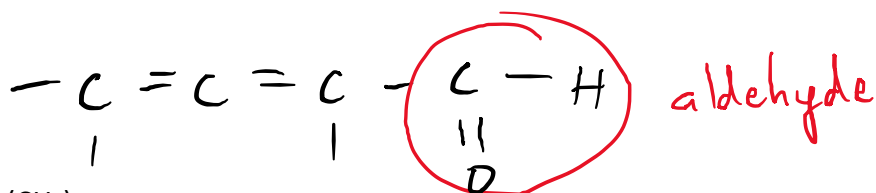
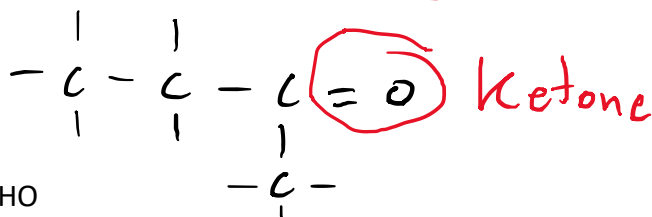
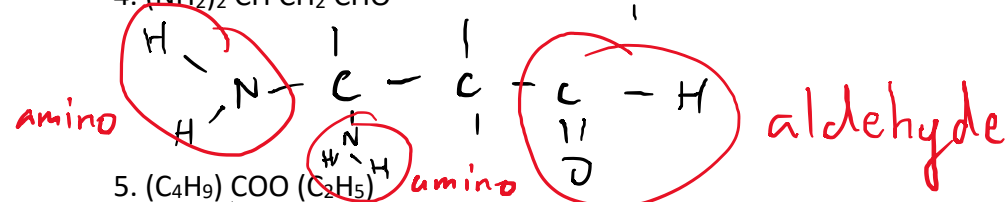
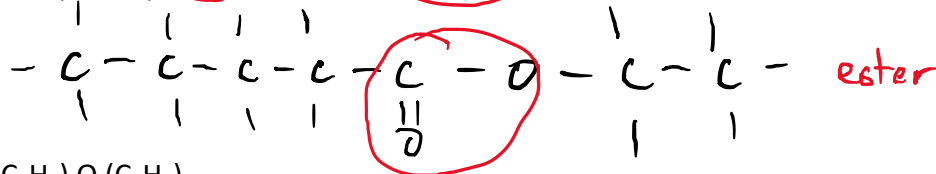
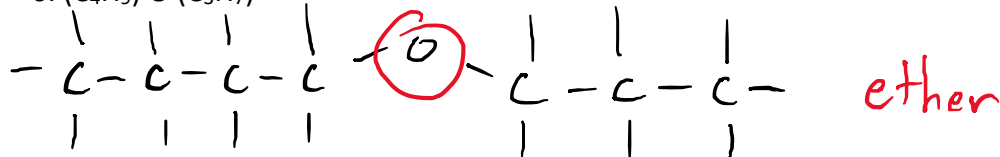
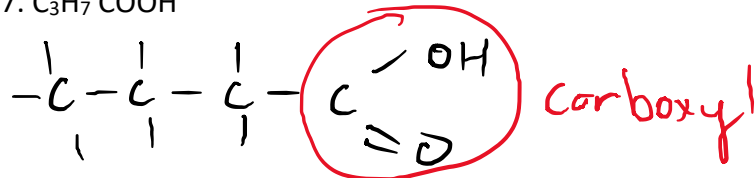
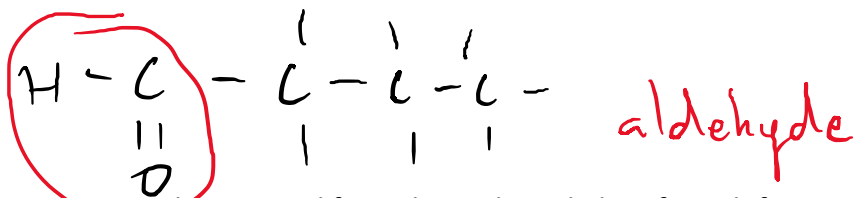
$$\begin{array}{ccccccc} & | & & | & & | & & | \\ - & C & - & C & - & C & - & C & - & C & - & H \\ & | & & | & & | & & || \\ & & - & C & - & & & O \end{array}$$

14. 2,4 di amino 1 butono

$$\begin{array}{ccccccc} & | & & & | & & | \\ C & = & C & - & C & - & C \\ & | & & & | & & | \\ & & N & & & & N \\ & / & \backslash & & / & \backslash & / & \backslash \\ H & & H & & & & H & & H \end{array}$$

Biochemistry

Name and draw structural formulae for each of the following:

1. $C_5H_{11}OH$ 2. CH_3CHO 3. $(C_2H_5)CO(CH_3)$ 4. $(NH_2)_2CHCH_2CHO$ 5. $(C_4H_9)COO(C_2H_5)$ 6. $(C_4H_9)O(C_3H_7)$ 7. C_3H_7COOH 8. $(CHO)CH_2(C_2H_5)$ 

For each structural formula, circle and identify each functional group.