

Chemistry 0 Unit 3 Lesson 9 Homework
Assigned on 05/01/2022 Due date:05/07/2022

1. Fill in the blank:

- 1) An alcohol is any organic molecule with a _____ group attached to a carbon atom. An amine is any molecule with a _____ group attached to a carbon atom.
- 2) Both aldehydes and ketones contain a _____ group, a functional group with _____ double bond.
- 3) An aldehyde is any molecule that has only an ___ atom on one side of the carbonyl.
- 4) An acid is any molecule that has only an ___ group next to the carbonyl.
- 5) A ketone is a molecule that has _____ atoms on both sides of the carbonyl.
- 6) Carbohydrates are made of simple _____ or chains of simple _____ and provide energy for living things.
- 7) When two monosaccharides are connected, the molecule becomes a _____. Cellulose is a type of _____.
- 8) Fats are made of a derivative of glycerol, called a _____.
- 9) _____ is the most common steroid found in animals.
- 10) An _____ fat has double bonds and is commonly found in _____ oil. A _____ fat has no double bond and is commonly found in _____ fat.