

Chemistry 0 Unit 3 Lesson 6 Homework
Assigned on 04/11/2021 Due date:04/17/2021

1. Determine whether the following example is a pure substance or a mixture. Then label it as an element (E), compound (C), homogeneous mixture (HO), or heterogeneous mixture (HE):
 - a. Salt
 - b. Pure Water
 - c. Tap Water
 - d. Aluminum
 - e. Gasoline
 - f. Copper
 - g. Air
 - h. Milk
 - i. Oxygen gas
 - j. Carbon dioxide

2. A solute that contains polar molecules will dissolve in a solvent that contains:
 - A. Nonpolar molecules
 - B. Polar molecules
 - C. Equal sized molecules

3. The substance being dissolved is the solvent, and the substance doing the dissolving is the solute. True or False?

4. Briefly describe how soap works: