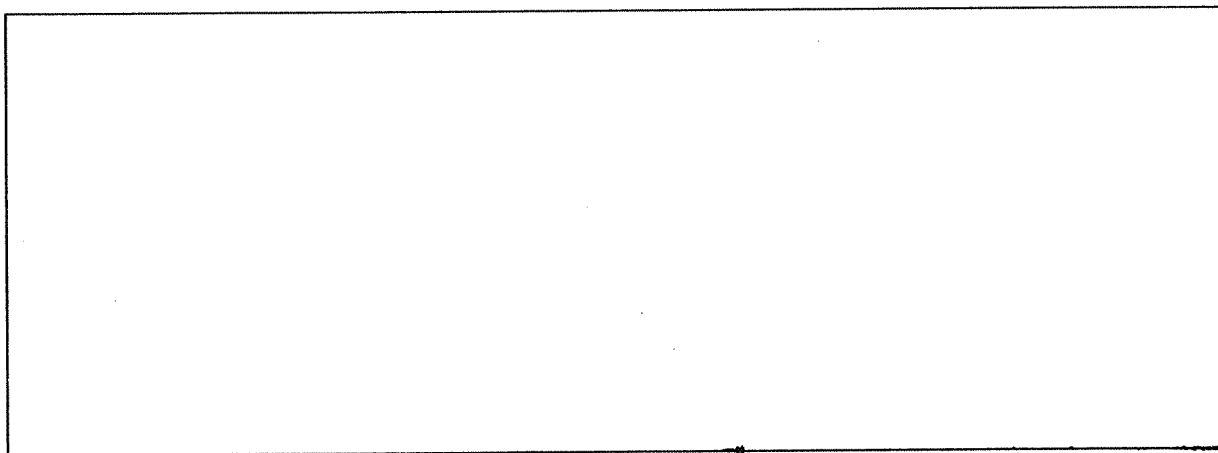


## Section 6.1 Pure Substances and Mixtures

After reading pages 137 - 139, answer the following questions or fill in the blanks.

- 1) What is a **pure substance**? \_\_\_\_\_  
\_\_\_\_\_
- 2) Why is pure water difficult to find in nature? \_\_\_\_\_  
\_\_\_\_\_
- 3) give three examples (besides water) of pure substances. \_\_\_\_\_  
\_\_\_\_\_
- 4) All samples of a pure substance have the same \_\_\_\_\_, no matter what size the samples are or where the samples are found.
- 5) What is a **mixture**? \_\_\_\_\_  
\_\_\_\_\_
- 6) Copy Figure 3 (p.138) into this box.



7) Mixtures can be any combination of \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.

8) What pure substances are mixed together to form a soft drink mixture?

\_\_\_\_\_

9) The properties of mixtures may be \_\_\_\_\_ in different samples because there may be more or less of the different kinds of \_\_\_\_\_.

10) Give 3 examples of mixtures NOT found in your textbook. \_\_\_\_\_

\_\_\_\_\_