

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Mixtures Test

**Fill in the correct word to complete the sentence.**

1. \_\_\_\_\_ and \_\_\_\_\_ are two class of pure substances.
2. A/An \_\_\_\_\_ is composed of just one kind of atom.
3. Water is an example of a/an \_\_\_\_\_.
4. A/An \_\_\_\_\_ is the smallest piece of a compound.
5. Vegetable soup is an example of a/an \_\_\_\_\_.
6. Concrete is an example of a.an \_\_\_\_\_ mixture.
7. A homogeneous mixture is \_\_\_\_\_ mixed.
8. Solution is a homogenous \_\_\_\_\_.

**Write true or false next to each statement.**

9. \_\_\_\_\_ Mixtures cannot be physically separated.
10. \_\_\_\_\_ A solution is a very well mixed mixture; it appears the same throughout.
11. \_\_\_\_\_ Only a few different elements exist.
12. \_\_\_\_\_ Everything around us is made of matter.
13. \_\_\_\_\_ Distillation is a separation technique based on the different boiling temperatures of materials.

**Answer the following questions:**

14. List two examples of compounds.
15. List two examples of mixtures.
16. What are the different properties of materials that are used to separate components of mixtures?
17. List three separation techniques.