

NAME: \_\_\_\_\_

PERIOD: \_\_\_\_\_

DATE: \_\_\_\_\_

**Classifying Matter Homework 1**

Answer all questions as best you can. Use your notes to help. Do your best work.

PART ONE: Element, Compound, or Mixture. One of these words goes with the phrase.

1. \_\_\_\_\_ made of only one type of atom
2. \_\_\_\_\_ two substances are put together but no chemical change happens
3. \_\_\_\_\_ it is found on the Periodic Table
4. \_\_\_\_\_ it is two or more different atoms chemically combined
5. \_\_\_\_\_ chocolate milk
6. \_\_\_\_\_ Helium
7. \_\_\_\_\_ Water

PART TWO: Homogeneous or Heterogeneous. One of these words goes with the phrase.

8. \_\_\_\_\_ salt evenly dissolves in water
9. \_\_\_\_\_ the pulp in the orange juice sinks to the bottom
10. \_\_\_\_\_ your vegetable soup has chunks of beans and peas in it
11. \_\_\_\_\_ Kool Aid mix makes a nice tasty drink

PART THREE: Solution, Colloid, Suspension. One of these words goes with the phrase.

12. \_\_\_\_\_ salt dissolves evenly in water
13. \_\_\_\_\_ the pulp in the orange juice sinks to the bottom
14. \_\_\_\_\_ the girl sprayed hair spray on her head after she shook it up
15. \_\_\_\_\_ Kool Aid mix makes a tasty drink
16. \_\_\_\_\_ your vegetable soup has chunks of beans and peas in it
17. \_\_\_\_\_ the boy spray-painted his bike
18. \_\_\_\_\_ the kid drank a glass of milk
19. \_\_\_\_\_ the smog in the air made the old man cough
20. \_\_\_\_\_ the dirt in the mud settled to the bottom after a few minutes

