Name

 Date

 Period

 Review for Test Unit 2 – Matter

1. Define matter: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What is the difference between mass and weight?
3. What are the two main types of properties used to describe matter?
4. Label the following as physical or chemical properties
	1. Color \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ c. Density \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	2. Burning \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ d. Reacts with acid \_\_\_\_\_\_\_\_\_\_\_\_\_
5. True or False: a change in state from a liquid to a gas is a chemical change.
6. True or False: The Law of Conservation of Matter states that matter *can be* destroyed and created in chemical processes.
7. Label the following as physical or chemical change
	1. Milk sours \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ c. Ice Melting \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	2. Tire inflated with air \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ d. Sugar dissolving in water \_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. What are the three states of matter? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. Draw a simple picture of each state of matter below and label it:
10. Put the right state of matter next to the following:
	1. Cannot change shape of volume and does not flow \_\_\_\_\_\_\_\_\_\_\_\_\_\_
	2. Cannot change volume but can change shape and does flow \_\_\_\_\_\_\_\_\_\_\_\_
	3. Can change shape, volume and does flow \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
11. Adding energy to a solid will change it to what state of matter?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
12. What is name given to the process when a gas changes to a liquid? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
13. What physical property did you use to separate the iron from the salt and sand in the Lab? \_\_\_\_\_\_\_\_\_\_\_\_\_
14. What did you do to get the sand out of the water? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
15. What process could you use to get the dry salt out of the water? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
16. Look at the pictures below and label each one as either an element, compound, mixture. Some pictures may need more than one label.

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_