

Name_____

Date:_____

1. What is Matter?

2. Define “Mass” and “Weight”. What are their similarities? What are their differences?

3. Explain the differences between the four phases of matter: solid, liquid, gas, and plasma.
 - a. Solid:

 - b. Liquid:

 - c. Gas:

 - d. Plasma:

4. How do you measure Mass?

5. Volume?

6. Temperature?

7. What does it mean for something to be soluble? Give some examples.

8. Objects with more density than water will

- A) Continuously rise and fall in water.
- B) Float in water.
- C) Cause water to freeze.
- D) Sink in water.

9. The particles found in Solids are close together.

- A. True
- B. False

10. Anthony's science teacher drops the glass funnels on the floor. The funnels break into several pieces.



Which property of the glass pieces will be the same?

- A. size
- B. mass
- C. shape
- D. density

11. Which of these is an example of a physical change?

- A. An apple turning brown when exposed to air.
- B. Fireworks exploding in bright flashes of color.
- C. Spoiled food smelling bad in a trash can.
- D. Large rocks getting crushed to be used as gravel.

12) When I work, I like to...(circle all that apply to you)

- a. Work alone
- b. Work with a partner
- c. Work in a small group with 2-3 other students

13) Circle the things you like to do:

Read

Write

Act

Draw

Present

14) How do you like to learn? Circle all that apply.

- a. I remember best if I hear something.
- b. I learn best when the information is presented in words
- c. I like to read about something rather than hear about it.
- d. I remember best by writing things down or drawing pictures.
- e. I remember best if I can make something that tells about what I am learning.

15) How do you like to show what you've learned? Circle all that apply.

- a. I like to act things out to show what I have learned.
- b. I like to show what I've learned by making a power point or poster presentation about it.
- c. I like to show what I've learned by talking about it
- d. I like to show what I've learned by writing about it.