Name : _____

Topic: Science – Matter

Contributor : RFAquino

DIRECTIONS: Write **T** if the statement is true and **F** if it is false.

_____ 1. Matter is anything that has mass and occupies space.
_____ 2. Volume is the amount of space that matter occupies.
_____ 3. Volume can be measured in kg or g.
_____ 4. Mass is the amount of matter that an object has and can be measured in L or ml.
_____ 5. Matter can exist in 3 states - solid, liquid, gas.
_____ 6. Solid has definite shape and definite volume.
_____ 7. Liquid has no definite volume.
_____ 8. Gas has no definite shape but has definite volume.
_____ 9. A balance is used to measure the mass of an object.
_____ 10. If I pour my orange juice in a cup, the shape of the juice will be the cup.
_____ 11. I can easily compress my book in a cylinder and the volume of the book will be the same as the volume of the cylinder.
_____ 12. There are many gases present in the air.
_____ 13. The volume that a gas has can increase or decrease.
_____ 14. The space that liquid occupies in a container is its mass.
_____ 15. Light and sound are not matter.

DIRECTIONS: Write the letter of the correct answer on the blank.

_____ 1. Which of the following groups is not matter?
A. ice , soda, paper
B. water , light, balloon
C. pencil, oxygen, soap

_____ 2. How would you describe the following groups of matter?

Group A	Group B
milk	hydrogen
coffee	oxygen
shoe	nitrogen

A. Group A has definite volume and Group B has no definite volume
B. Group A is solid and Group B is gas
C. Group A has definite mass and Group B has no definite mass.

Name : _____

Topic: Science – Matter – Mass and Volume

Contributor : RFAquino

DIRECTIONS: Write the letter of the correct answer on the blank.

_____ 1. Laura asked Lisa what the volume of a Coke in can is. What is the possible measurement?
A. 330 g
B. 330 cm
C. 330 ml

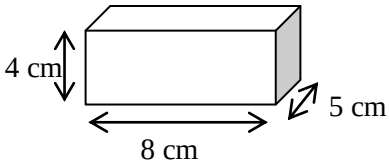
Henry poured a cup of water in a graduated cylinder. It measured 65ml. He then placed a metal disc in the cylinder. He saw that the metal disc sunk to the bottom of the cylinder and the water level rose by 6 ml.

_____ 2. What is the final reading seen on the cylinder?
A. 71 ml
B. 56 ml
C. 65 ml

_____ 3. What represents the final reading?
A. The volume of the water
B. The combined volume of the water and the metal disc
C. The volume of the metal disc

_____ 4. What is the volume of the water at the end of this experiment?
A. 6 ml
B. 71 ml
C. 65 ml

Billy has a rectangular plastic box. Below is the diagram of the box.



_____ 5. What is the volume of the box?
A. 17 cm^3
B. 34 cm^3
C. 160 cm^3

_____ 5. If Billy poured fine sand in the plastic box, what would be the volume of the sand?
A. 17 cm^3
B. 160 cm^3
C. 34 cm^3