

# Matter Matters!

Match the following vocabulary words with the given definitions.

1. \_\_\_\_\_ Matter

2. \_\_\_\_\_ Volume

3. \_\_\_\_\_ Density

4. \_\_\_\_\_ Gas

5. \_\_\_\_\_ Solid

6. \_\_\_\_\_ Liquid

7. \_\_\_\_\_ Mass

8. \_\_\_\_\_ Weight

a. The amount of matter in an object.

b. The type of matter that has definite volume, but no definite shape.

c. Anything that has mass and takes up space.

d. The type of matter that keeps its own shape.

e. The amount of space that matter takes up.

f. The type of matter that has no definite volume or shape.

g. The measure of the pull of gravity between an object and earth.

h. The amount of matter in a given space.

Read the following statements. Write T for true and F for false.

9. \_\_\_\_\_ You can change the state of matter by adding or taking away energy from matter.

10. \_\_\_\_\_ One way to measure volume is to add the length, width, and height of an object.

11. \_\_\_\_\_ The weight of a solid affects its volume.

12. \_\_\_\_\_ You cannot measure the weight of a gas.

13. \_\_\_\_\_ The density of all liquids is not the same.

14. \_\_\_\_\_ To change the state of a liquid to a gas you would take away energy.

15. \_\_\_\_\_ An egg is more dense than regular tap water.