

Matter Matters!

Match the following vocabulary words with the given definitions.

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| 1. _____ Matter | a. The amount of matter in an object. |
| 2. _____ Volume | b. The type of matter that has definite volume, but no definite shape. |
| 3. _____ Density | c. Anything that has mass and takes up space. |
| 4. _____ Gas | d. The type of matter that keeps its own shape. |
| 5. _____ Solid | e. The amount of space that matter takes up. |
| 6. _____ Liquid | f. The type of matter that has no definite volume or shape. |
| 7. _____ Mass | g. The measure of the pull of gravity between an object and earth. |
| 8. _____ Weight | 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.