

Chapter 2

STUDY GUIDE

● Matter

Change the italicized word in each statement to make the statement correct.

1. The *size* of an object determines whether it will float in water. _____

2. Orange juice and milk are both *solids*. _____

3. Stars are made up of matter in the *gaseous* state. _____

4. An object's density is equal to its mass divided by its *length*. _____

5. Matter with atoms in a fixed position in relation to one another is in the *liquid* state. _____

6. Density and state of matter are *chemical* properties. _____

7. *Hydrogen* is the only substance that occurs naturally on Earth as a gas, a liquid, and a solid.

8. The *physical* properties of a liquid do not change when it becomes a gas. _____

9. *Liquids* fill their entire container regardless of the container's size or shape. _____

10. On Earth the *solid* state of matter is least common. _____
