

## What Makes Up Matter?

**Main Idea** Matter is anything that has mass and takes up space. It may be a solid, a liquid, or a gas.

**Fill in the blanks with words from the box below.**

solid	atom	matter
molecule	states of matter	gas
liquid	physical property	

1. Anything that has mass and takes up space is \_\_\_\_\_.  
(page E6)
2. A(n) \_\_\_\_\_ is the smallest particle of matter that has the properties of that matter. (page E7)
3. A(n) \_\_\_\_\_ is a single particle of matter that is made up of two or more atoms joined together. (page E7)
4. The \_\_\_\_\_ are three forms that matter usually takes: solid, liquid, and gas. (page E8)
5. A characteristic of matter that can be observed without changing matter into something new is called a(n) \_\_\_\_\_. (page E10)
6. One physical property of a(n) \_\_\_\_\_ is that it always keeps its shape. (page E10)
7. One physical property of a(n) \_\_\_\_\_ is that it takes the shape of its container. (page E10)
8. One physical property of a(n) \_\_\_\_\_ is that it spreads apart or squeezes together to fit into the space it is in. (page E10)

**Study Guide**

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**Use with pages E6–E11**