

Properties of Matter

Use your textbook to help you fill in the blanks.

What is matter?

1. Everything that takes up space is _____ .
2. The amount of space that an object takes up is its _____ .
3. A large object has more volume than a(n) _____ object.
4. An object's _____ is equal to the amount of matter it has.
5. An object that feels light, such as a beach ball, has a(n) _____ mass.
6. A characteristic of matter is called a(n) _____ .

What are some properties of matter?

7. Two properties of matter are volume and _____ .
8. The size, smell, feel, and _____ of an object are also properties.
9. An object will sink or float because of its _____ and mass.
10. An object with a small mass and a large volume will usually _____ .

- 11. An object with a large mass and a small volume will usually _____ .
- 12. A magnet pulls on objects made of _____ .
- 13. Metal is used inside a lamp cord because _____ can move through it easily.

What is matter made of?

- 14. Matter is made of building blocks called _____ .
- 15. All matter contains elements joined in _____ ways and amounts.
- 16. Paper is made of _____ , which is a combination of many different elements.
- 17. Graphite in a pencil lead is made of the element _____ .

Critical Thinking

- 18. What are some properties that describe the matter in a yellow pencil?
