Vocabulary Review (5 pts. each)

1. compound
2. physical property
3. chemical change
4. chemical property
5. change of state
6. chemical reaction
7. change of state
8. element
9. atom
10. physical change

Check Understanding (5 pts. each)

11. A, atoms
12. J, They are too small to be seen with an ordinary microscope.
13. C, carbon dioxide
14. G, one
15. D, A new substance is produced.
16. G, They both describe a substance.

CHAPTER 12

Review and Test Preparation

Vocabulary Review

Write the term that fits each definition or description. Some terms may be used twice. The page numbers tell you where to look in the chapter if you need help.

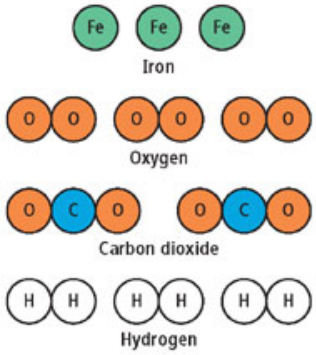
atom p. 496
element p. 498
change of state p. 506
physical change p. 508
physical property p. 517
chemical property p. 517
chemical change p. 518
chemical reaction p. 518
compound p. 518

1. A substance having atoms of more than one element that are combined chemically is a _____.
2. A _____ describes a substance by itself.
3. A _____ results in a new substance.
4. How a substance reacts with other substances is known as a _____.
5. Melting or freezing is a _____.
6. Another name for *chemical change* is _____.
7. The process of boiling is a _____.
8. A substance having just one kind of atom is an _____.
9. The smallest possible particle of an element is an _____.
10. A _____ does not result in a new substance.

Check Understanding

Write the letter of the best choice.

11. What is all matter made of?
    A. atoms **C.** water
    B. oxygen **D.** wood
12. Which statement about atoms is true?
    F. They are all the same.
    G. Just one kind is in a compound.
    H. You see them with just your eyes.
    J. They are too small to be seen with an ordinary microscope.
13. The diagrams show iron, oxygen, carbon dioxide, and hydrogen.



Online Assessment may be used for electronic assessment.
www.hspscience.com

Portfolio Assessment

Have students select their best work from the following suggestions:

- **Reading Skill Mini-Lessons,** pp. 494, 506, 516
- **Investigate,** pp. 492, 504, 514

See ***Assessment Guide*** pp. AG xx–xxiv.