Chapter 11

Vocabulary Review (5 pts. each)

1. liquid
2. solid
3. density
4. solubility
5. state of matter
6. suspension
7. volume
8. mass

Check Understanding (5 pts. each)

9. B, a book
10. F, pail of sand and soil
11. B, iced tea
12. F, gas
13. C, brick
14. H, suspension
15. A, density
16. G, matter

CHAPTER 11 Review and Test Preparation

Vocabulary Review

Use the terms below to complete the sentences. The page numbers tell you where to look in the chapter if you need help.

mass p. 459
volume p. 460
density p. 460
state of matter p. 468
solid p. 468
liquid p. 469
solubility p. 481
suspension p. 482

1. When some solids get warm enough, they become a _____.
2. When a liquid gets cool enough, it becomes a _____.
3. Mass divided by volume is _____.
4. The amount of a substance that can be dissolved in another substance is the measure of its _____.
5. Gas is one _____.
6. If particles settle out of a mixture, the mixture is a _____.
7. The amount of space an object takes up is its _____.
8. _____ is the measure of the amount of matter an object has.

Check Understanding

Write the letter of the best choice.

9. Which of these is made of matter?
   A. a dream **C.** happiness
   B. a book **D.** an idea
10. Which of these is a mixture?
   F. pail of sand and soil
   G. copper wire
   H. ring of pure gold
   J. pinch of salt
11. **MAIN IDEA AND DETAILS** Which of these is an example of a solution?
   A. granola **C.** pizza
   B. iced tea **D.** salad
12. Which of these has no definite volume?
   F. gas **H.** matter
   G. liquid **J.** solid
13. **CAUSE AND EFFECT** Which of these probably has the **most** mass?
   A. apple **C.** brick
   B. balloon **D.** golf ball
14. Which term best describes the contents of this glass?



   F. density **H.** suspension
   G. mass **J.** volume
15. Which is a measure of how closely particles are packed together?
   A. density **C.** solubility
   B. matter **D.** volume

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Portfolio Assessment

Have students select their best work from the following suggestions:

- **Make Connections,** pp. 463, 473, 483
- **Investigates,** pp. 456, 466, 476

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