

CHAPTER REVIEW

Chapter 6

Acids, Bases, and Salts

I. Vocabulary Review

Find and circle the terms in the word search that complete the statements below. The terms can be written across, up and down, forward, or backward.

1. The process of adding acid to a base is called _____.
2. Precipitation with a low pH that can damage plants and animals is known as _____.
3. The reaction between an acid and a base produces _____ and water as products.
4. Phenolphthalein can be used as a(n) _____.
5. In a process known as _____, hydrochloric acid removes impurities from the surface of metals.
6. Adding acid to a metal releases _____ gas.
7. Substances with a pH below 7 are _____.
8. Acids are _____ because they deteriorate metals.
9. Discomfort from too much acid in the stomach can be relieved by taking a(n) _____.
10. Substances with a pH above 7 are _____.

I C O F G D T A P L Z X T O N F A U H
 N M L S Z S D I C A X B R S Y W T D B
 R H S G H O C X Y B A D L W E Y P R S
 O Y B C A K H F Y S R S O G V N H L T
 X D T L L N M U E O A P S E I M E B T
 C R R I U M T S T L H L G U S X T A Z
 D O N E U T R A L I Z A T I O N L C A
 K G N W I B C D C E F H T S R H O F G
 U E P X Y I D A W I T P R L R N W C E
 D N C H D U T R E C D Y X W O N D I H
 X I P N L N W Y N I A R D I C A N L M
 R I I S H T G U F V E W D X C Y B Z A

Chapter Review 6 (continued)

II. Concept Review

If the underscored word or phrase makes the sentence true, write "TRUE" in the space provided. If the underscored word or phrase makes the sentence false, write the correct term or phrase in the space provided.

- _____ 11. If you mix lemon juice and marble chips, the lemon juice will dissolve some of the marble.
- _____ 12. Vinegar is used to pickle metal.
- _____ 13. Ammonia and Epsom salt mixed together form magnesium hydroxide, used in milk of magnesia.
- _____ 14. Hydrochloric acid is used in oven cleaner.
- _____ 15. Sulfuric acid is used in cars as battery acid.
- _____ 16. The reaction between hydrochloric acid and sodium hydroxide will produce a salt as a product.
- _____ 17. Lichens are plants that can be used as an indicator of temperature.

III. Skills/Process Review

In the blank at the left, write the letter of the choice that best completes the statement or answers the question.

- _____ 18. Red litmus paper remains red when it is inserted into a glass of soda. That means the soda _____.
- | | |
|---------------------|-------------------------|
| a. is a base | c. is an acid |
| b. contains vinegar | d. contains baking soda |
- _____ 19. If you tested milk with litmus paper, the paper would turn _____.
- | | |
|-----------|----------|
| a. blue | c. green |
| b. yellow | d. red |
- _____ 20. Which of these, if heated in an aluminum pan, would corrode the pan the most?
- | | |
|----------|-----------------|
| a. water | c. tomato juice |
| b. eggs | d. milk |

IV. EYV Review

21. Science and Society: Acid Rain Summarize the main points of the feature. _____
