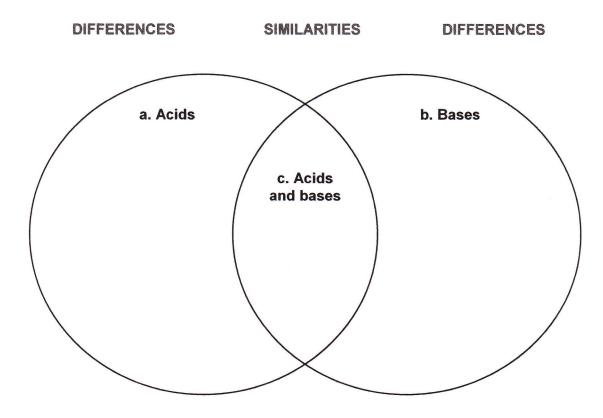
Name	Hour
Section 2-2	
Active Reading	
Section: Water and Sol	utions
the questions that follow.	that the sentences are numbered. Then answer tra hydronium ions when dissolved in
water are called acids. ² W concentration of hydronium that of pure water. ³ In con	Then an acid is added to water, the n ions in the solution is increased above atrast, compounds that form extra lived in water are called bases. 4 Many
 The pH scale measure solutions. Most solutions Pure water has a pH valuabelow 7, and basic solution has a pH value of about 2 (res the concentration of hydronium ions in have a pH value between 0 and 14. The of 7. 8 Acidic solutions have pH values as have pH values above 7. 9 Stomach acid (very acidic). 10 Blood has a pH value of 1 Household ammonia, which is very
SKILL: RECOGNIZING CAUSE Read each question, and write yo	AND EFFECT our answer in the space provided.
What vocabulary words are co words are vocabulary?	ntained in this passage? How do you know the
2. Define each vocabulary word.	
3. A cause-and-effect relationship adding an acid to water?	p is identified in Sentence 2. What is the effect of

Name	Hour

Active Reading continued

SKILL: RECOGNIZING SIMILARITIES AND DIFFERENCES

- 4. A Venn diagram is a type of graphic organizer used to identify similarities and differences between two concepts. Read each statement, and write your answer in the appropriate place on the diagram.
 - a. In the left oval, list the key traits of acids.
 - b. In the right oval, list the key traits of bases.
 - c. In the area formed by the overlapping ovals, list traits shared by both acids and bases.



In the space provided, write the letter of the number that best answers the question.

- 5. Which of the following pH values indicates a slightly acidic solution?
 - a. 3
 - b. 6.5
 - c. 9
 - d. 11