Name	Class_	Date		
Section 2–2 I	Properties of Water	' (pages 40–43)		
	the makeup of water molecules.	ments with precision; 2C Organize data  It also explains what		
2. What results from	sentence true or false? A water on the oxygen atom being at o	r molecule is neutral one end of a water molecule and the		
3. Why is a water n	nolecule polar?			
<ul><li>a. A hydrogen</li><li>b. The attraction molecule and an example.</li><li>c. A hydrogen</li><li>d. They are the</li></ul>	f each sentence that is true about is stronger than an ionion between the hydrogen atom the oxygen atom on another bond is stronger than a covale strongest bonds that form be about forms of attraction.  FORMS OF ATT	c bond.  n on one water r water molecule is  ent bond. etween molecules.		
Form of Attraction	Definition			
Cohesion				
Adhesion				
<b>6.</b> Why is water ext	remely cohesive?			
7. The rise of water	in a narrow tube against the	force of gravity is called		
8. How does capillary action affect plants?				

## Solutions and Suspensions (pages 41–42)

- 9. What is a mixture? \_\_\_\_\_
- **10.** A mixture of two or more substances in which the molecules of the substances are evenly mixed is called a(an) \_\_\_\_\_\_.
- 11. The greatest solvent in the world is \_\_\_\_\_\_.
- 12. What is a suspension?
- **13.** Complete the table about substances in solutions.

## SUBSTANCES IN SOLUTIONS

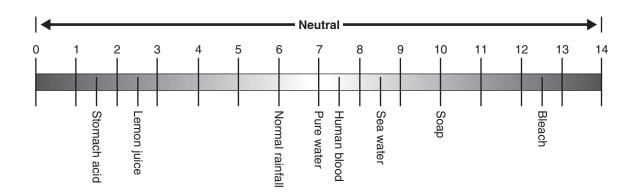
Substance	Definition	Saltwater Solution
Solute		
		Water

## Acids, Bases, and pH (pages 42-43)

- **14.** Two water molecules can react to form \_\_\_\_\_\_.
- **15.** Why is water neutral despite the production of hydrogen ions and hydroxide ions?

16. What does the pH scale indicate? \_\_\_\_\_

**17.** On the pH scale below, indicate which direction is increasingly acidic and which is increasingly basic.



21.	What are buffers?	