Name	Class	Date
1102110		Date

Skills Worksheet

Directed Reading A

Section:	Solutions	of	Acids	and	Bases
STRENGTH!	S OF ACIDS A	ND	BASES		

	1. What is the amount of acid or base	
	a. concentration	c. pH d. neutralization
	b. strength	d. Heutranzation
:	2. When an acid or base dissolves in	water, what is dependent on the
	number of molecules that break ap	part?
	a. its concentration	c. its durability
	b. its weakness	d. its strength
:	3. In what kind of solution do all the	molecules of an acid break apart in
	water?	
	a. a strong acid	c. a weak acid
	b. a strong base	d. a weak base
	4. In what kind of solution do only a break apart in water?	few of the molecules of an acid
	a. a strong acid	c. a weak acid
	b. a strong base	d. a weak base
!	5. In what kind of solution do all the	molecules of a base break apart?
	a. a strong acid	c. a weak acid
	b. a strong base	d. a weak base
	6. What is a solution called when onl apart?	y a few molecules of a base break
	a. a strong acid	c. a weak acid
	b. a strong base	d. a weak base
ACIDS, E	BASES, AND NEUTRALIZATION	
	7. What is the reaction between acids	s and bases called?
	a. neutralization reaction	c. strength
	b. explosion	d. evaporation
{	8. What do the H ⁺ ions of an acid and they react?	the OH- ions of a base form when
	a. oxygen	c. sugar
	b. water	d. hydrogen gas
	9. What can show whether a solution	contains an acid or a base?
	a. an indicator	c. antacids
	b. pure water	d. salt

Directed Reading A continued	Date
0. A value that is used to express the acidity or is called	basicity (alkalinity) of a system
1. The pH of a solution shows the concentration	n of what type of ion?
Theiles repower bartis water called?	1. What is the amenable of
2. What is the pH of a neutral solution?	ilizamenta .d
solves in source what is dependent on the	2. When an acid on base sha number of molecules tha
3. What type of solution has a pH greater than 7	?? seomleswed d
	Fieldy
14. What type of solution has a pH less than 7?	b. g smong base A. In what blad of solution o
5. What are three examples of common materia	ls with a pH of less than 7?
6. What are three examples of common materia	ls with a pH of more than 7?
Tax and averagism listed white the professed all a	S. Bendalization Become
For each organism listed, write the preferred pH o	or pri range.
18. lettuce	
19. fish	