Name:		N.B. p	
Ch 8 St	udy Guide		Single/Science
1.	What is a solution?		
2.	Name & define 2 parts of a solution.		
3.	Solutions that are mixed evenly may be	referred to as	
4.	Name 2 ways a suspension is different fr	om a solution.	
5.	Describe the difference in each as they eionic compounds		
6.	Describe how each can change the prop- freezing point	erty of a solvent once a solute i	is added:
7.	Define each: diffusion		
	osmosis		
	permeable		
	selectively permeable	referred to as rom a solution. enter a solution: covalent compounds erty of a solvent once a solute is added:boiling point rea of to en placed into each type of solution: onicisotonic	
8.	In diffusion, molecules spread from an a concentration.	rea of to	
9.	Draw/explain what happens to a cell whhypotonichypert	. ,,	
10.	Explain how you could:increase the concentration of a solutiodecrease the concentration of a solutiodilute a solution=		

11. A	solution holds the maximum an	nount of a solute at a certain
temperature.		
12. A	contains more solute that can be dissolved at a certain	
temperature.		
.3. Which type of solution m	nentioned in #11-12 may you observe	the presence of a precipitate?
4. Describe how solubility cl	nanges for each condition:	
	Solids	Gases
Increase temperature		
Decrease temperature		
Increase pressure		
Decrease pressure		
	-	
15. Polar molecules dissolve	e in	solvents. Give an example of
	ssolve in	
17. Acids acids:	hydrogen ions. Give example	es & describe the properties of
18. Bases	hydrogen ions. Give examples & c	describe properties of bases.
19 acids &	bases break apart completely into ion	ns acids & bases
do not break apart complet	ely into ions.	
20. Describe how the stren	gth of acids & bases can be measured	d.
21. On the pH scale, acids h	ave a pH of	& bases have a pH of
	Neutral compounds have a pH of	
	·	
22. When an acid or base is	neutralized, it forms a	
23. What is an alloy?		
How is an alloy made?		
	alloy.	