

Name:	Block:	Date:
Solutions/Acids/Bases Review		
		2
Complete the following multiple choice		
8 1. To express a solution concentrati	on in molar	ity, you need to know all of the
following except: a. mass of solute	a total	l volume of solution
b mass of solvent	d. chemical formula of solute	
of mass of solvent	d. Chei	ilical formula of solute
A 2. Increasing the temperature of liqu	uid-solid so	lution will solubility.
a) increase b. decreas		c. not change
A		2000 00
3. The concepts of molarity and mo		
a both are based on the total vo		
(b) both express the amount of s		les
c. both are mass/mass relations		
d. both are volume/volume rela	tionships	
4. A solution that holds less solute t	han would l	he avmented is referred to as:
a. dilute		aturated
b. saturated	1000	ersaturated
b. saturated	u. supe	cisaturated
5. A solution that is a mixture of me	etals is calle	ed a(n):
a. tincture	allo	
b. electrolyte	d. aque	•
A		
6. When two substances will NOT	dissolve in e	each other the mixture is referred to
as:	W 129.30	2.1
a immiscible	c. misc	
b. equilibrium	d. satu	ration
7. Which of the following does not	contribute to	o the rate of dissolving?
a. surface area	c. stirr	
b. temperature		zing point
	itionship be	tween the amount of solute that can b
dissolved and the temperature is:		
a. heating curve		se diagram
 b. vapor pressure curve 	desolu	ibility curve
9. The ratio of moles of solute to ki	la company a f	salvant is rellad.
a. mole fraction	c. mol	
b)molality		ar mass
Dymoranty	d. IIIOI	ai mass
10. A solution that has mercury as o	one of its co	emponents is called a(n):
a, tincture	allo	
b. electrolytes	d.)ama	
^		N-7/105/39
11. The self ionization of water:		
a. creates H ₃ O ⁺ ions only		tes H ₃ O ⁺ and OH ⁻ ions
 b. involes the transfer of OH 	d. crea	ites OH- ions