NameDate



SOLUTES AND SOLVENTS QUIZ

Define the following Solvent	g:	
b. Solute		
c. Solution		
2. What is the differer	nce between a solute and a	solvent?
3.	is considered as c	a universal solvent.
4. Not all solutions are other types of solutions	e solids dissolved in liquids. I tions	Provide two examples of
5. For each of the foll	owing solutions, identify the	solute and solvent:
Solution	Solute	Solvent
Salt Water		
Kool-Aid (made with Kool-aid, sugar, and Water)		
Air		

to

	the particles of the solvent.
	Example: When you add salt to water and seems to disappear.
e.	A substance that is not able to dissolve into a solvent. Example: Sulfur in water
f.	A substance that can dissolve into a solvent. Example: Sugar in water
7.	For each of the following scenarios, identify the solvent and the solute.
a.	Mary dissolved salt in water to make a saline solution. The solute is The solvent is
b.	Sarah poured vinegar into a bowl of olive oil. The solute is The solvent is
C.	Alex dissolved baking soda in water for a science experiment. The solute is The solvent is
d.	Emma added food coloring to a glass of water. The solute is The solvent is
e.	David combined flour and water to make dough. The solvent is The solvent is

	mixed lemon juice and sugar in a pitcher of water to make onade.
Th	e solute is
Th	e solvent is
8. Mate	ch the following definitions and vocabulary words.
=	rated solution Aqueous solution Saturated solution Non-solution Unsaturated solution
a	A solution in which the solvent is water.
b	A solution in which the solvent is not water.
	A solution that contains the maximum amount of solute be dissolved at a given temperature.
	A solution that contains less than the maximum amount of t can be dissolved at a given temperature.
	A solution that contains more solute than it would normally