NAME:

SOLUBILITY VOCABULARY REVIEW

answer the following, and then check your answers using your **SOLUBILITY NOTES** packet

1_____ SOLUTION

2. _____SATURATED

3._____DISSOLVING

4._____SOLUBLE

5._____INSOLUBLE

6._____DILUTE

7._____PRECIPITATE

8._____CONCENTRATION

9._____SOLUBILITY

10._____SOLVENT

11._____ SOLUTE

12._____CONCENTRATED

13._____UNSATURATED

A. A physical process where a solvent breaks up particles into smaller pieces into a solution.

B. The ability of a solute to dissolve in a solvent. The solubility of a substance is the amount of a substance that can dissolve at a given temperature.

C. A type of mixture that appears to be a single substance but contains particles of two or more substances evenly distributed. Can be a solid, liquid or gas.

D. The substance that is being dissolved

E. The substance that is doing the dissolving. The universal solvent is water.

F. A solution containing the maximum amount of solute.

G. A solution that has the ability to dissolve more solute.

H. A substance that can be dissolved.

I. A substance that cannot be dissolved.

J. The term used when a substance comes out of solution because the solution is saturated.

K. The measure of the amount of dissolved material (solute) in a solution. Usually expressed in g/100cm3

L. Thinner or less concentrated, containing more solvent.

M. Thicker or containing more solute.

14._____ Which of the following units are used to measure solubility?
a. g/mL b. mL/g c. g/100mL d. 100g/mL

15._____ Which of the following can be used as a **solvent**?
a. solids b. liquids c. gases d. each of a, b, and c

16._____ Which of the following can be used as a **solute**?
a. solids b. liquids c. gases d. each of a, b, and c

17._____ True or False – solutions can be made by dissolving **any** of the phases of matter into each other (examples – solids dissolved into gases, gases dissolved into liquids, etc)

18._____ which of the following would increase the solubility of a solute?
a. increase the temperature of the solvent b. increase the surface area of the solute
c. stirring the solvent d. each of a, b, and c