

8 | **Vocabulary**

solution	suspension	saturated	base	alloy
solute	concentration	solubility	pH	
solvent	dilute	acid	neutral	

A. WHO AM I?

On the line, write the vocabulary word that best matches each clue.

1. I'm a substance that can accept a hydrogen ion from another substance.

2. I'm a solution with a low concentration of solute.

3. I'm the amount of a substance that will dissolve in a certain amount of solvent at a given temperature.

4. I'm a mixture that turns cloudy because my particles are larger.

5. I'm defined by the amount of solute that is dissolved in a solution at a given temperature.

6. I'm a substance that can donate a hydrogen ion to another substance.

7. I'm a homogenous mixture, or a mixture of substances that is the same throughout.

8. I'm the scale in which a high H^+ ion concentration is indicated by a low number and a low H^+ ion concentration is indicated by a high number.

9. I'm a substance that is dissolved to make a solution.

10. I'm a mixture of a metal and one or more other elements, usually other metals.

11. I'm the substance that dissolves a solute.

12. I'm a substance that is neither an acid nor a base.

13. I'm a solution that contains the maximum amount of solute that can be dissolved in the solvent at a given temperature.

B. TYING WORDS TOGETHER

Use each of the following pairs of words together in a sentence that helps to explain solutions.

14. acid base

15. alloy concentration

16. solubility saturated

17. pH concentration

18. suspension solution

19. concentration dilute

20. solute solvent

21. neutral acid

22. saturated solute
