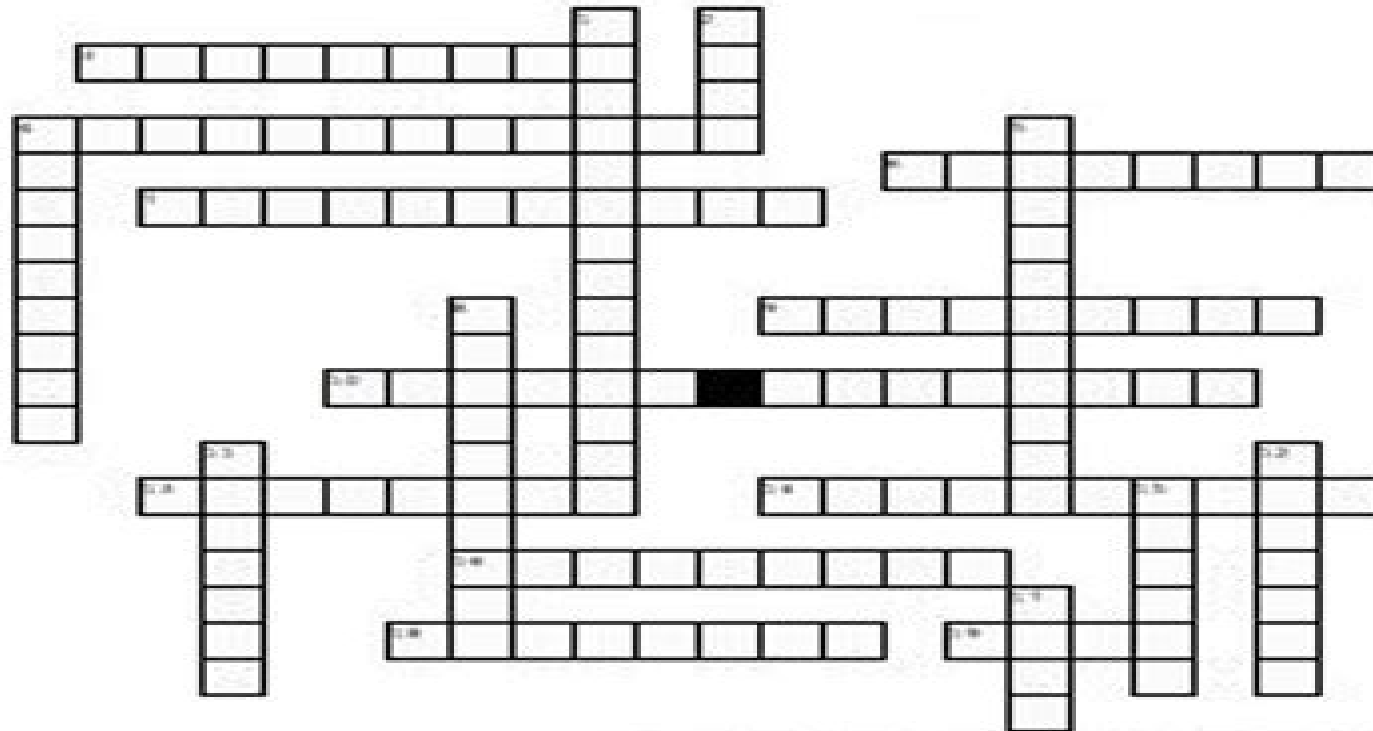


Acids, Bases, and Solutions

Complete the Crossword Puzzle Below



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Across

1. The strongest bases release this ion in water
4. Describes a solution where a lot of solute is dissolved in the water
6. Solute's lower the _____ point of a solvent
7. Solution remains this way if you can continue to dissolve more solute
8. Solution becomes this when so much solute is added that no more dissolves
10. A solution where only a little solute is dissolved in the water
13. Is a well-mixed mixture
14. Is a mixture in which particles can be seen and easily separated by settling or filtration
15. A compound that changes color when in contact with an acid or a base
16. Most acids release this ion in water
17. Any ionic compound made from a neutralization of an acid with a base

Down

1. This type of acid-base reaction produces water and a salt
2. Is a substance that tastes sour, reacts with metals, and turns blue litmus paper red
4. Property of acids that describes their ability to "eat away" at other materials
6. One factor that affects solubility (hint: can be measured in degrees Celsius)
8. Is a measure of how well a solute can dissolve in a solvent at a given temperature
11. Solute's raise the _____ point of a solvent
12. The type of _____ also affects solubility, whether it's polar or non-polar
15. The part of a solution that is present in a solution in a smaller amount and dissolved by the solvent
17. Is a substance that tastes bitter, feels slippery, and turns red litmus paper blue

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SB Merriam



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