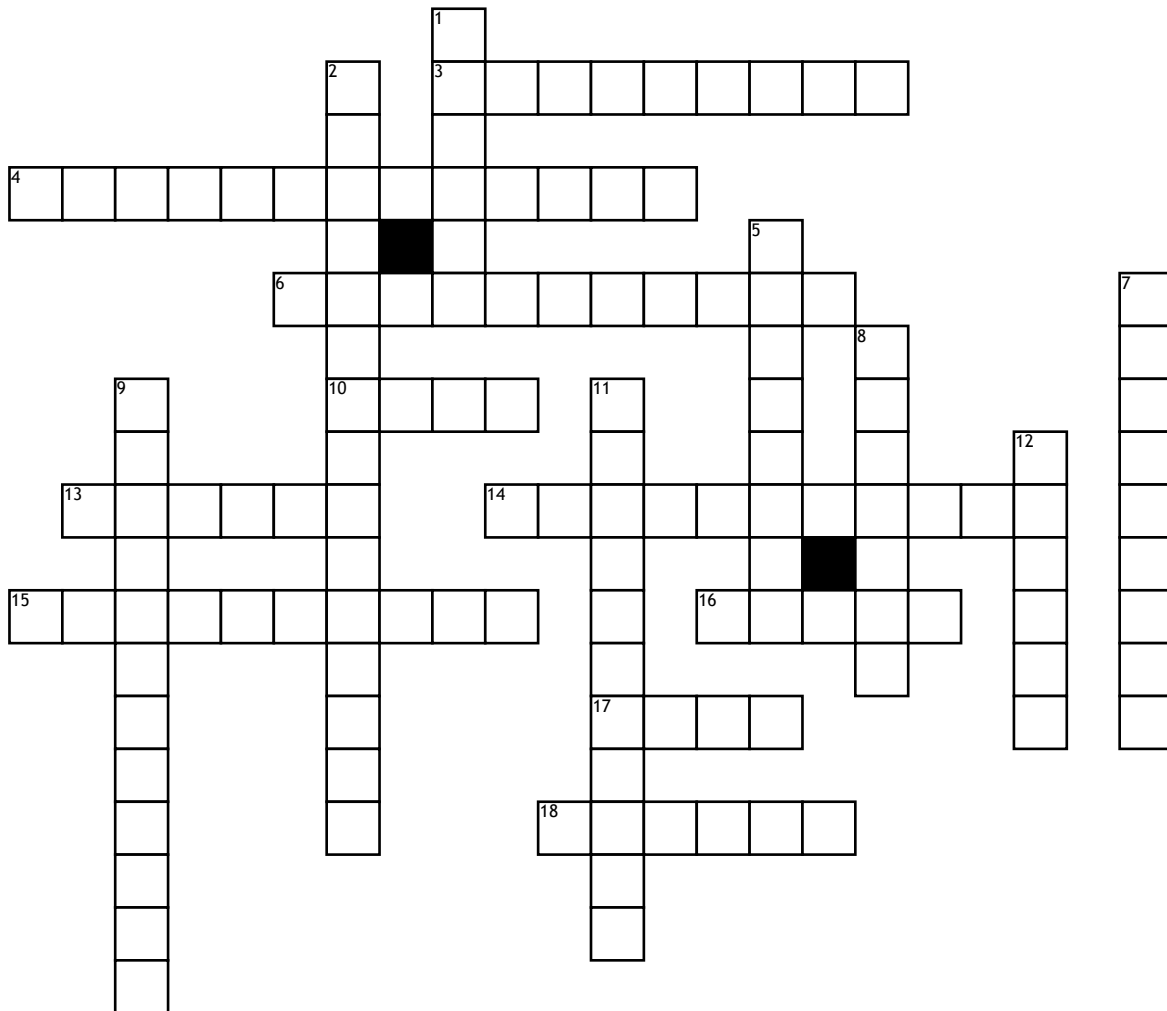


Acids and Bases



Across

- 3. definition that has to do with the release of H⁺ or OH⁻ ions
- 4. Amphoteric substances can behave as a _____ acid or base
- 6. Table L lists the names of _____
- 10. Bases turn _____ in the presence of phenolphthalein
- 13. Buffers _____ pH change when an acid or base is added

- 14. _____ point reached when moles of H⁺ is equal to the moles of OH⁻
- 15. the name of HNO₃
- 16. Acids are corrosive to _____
- 17. In $\text{H}_2\text{PO}_4^- + \text{NH}_3 \rightleftharpoons \text{HPO}_4^{2-} + \text{NH}_4^+$, NH₃ is a(n) _____
- 18. Acids turn this indicator red

Down

- 1. _____ lists the names of common indicators
- 2. In the presence of _____, acids turn colorless

- 5. NH₃ is a _____
- 7. pOH measures the concentration of _____ ions in an aqueous solution
- 8. an example of an acid; used in cooking
- 9. Both acids and bases form _____ aqueous solutions
- 11. Strong acids and bases do not exist in _____
- 12. In the presence of methyl orange, a solution with a pH of 7 turns?