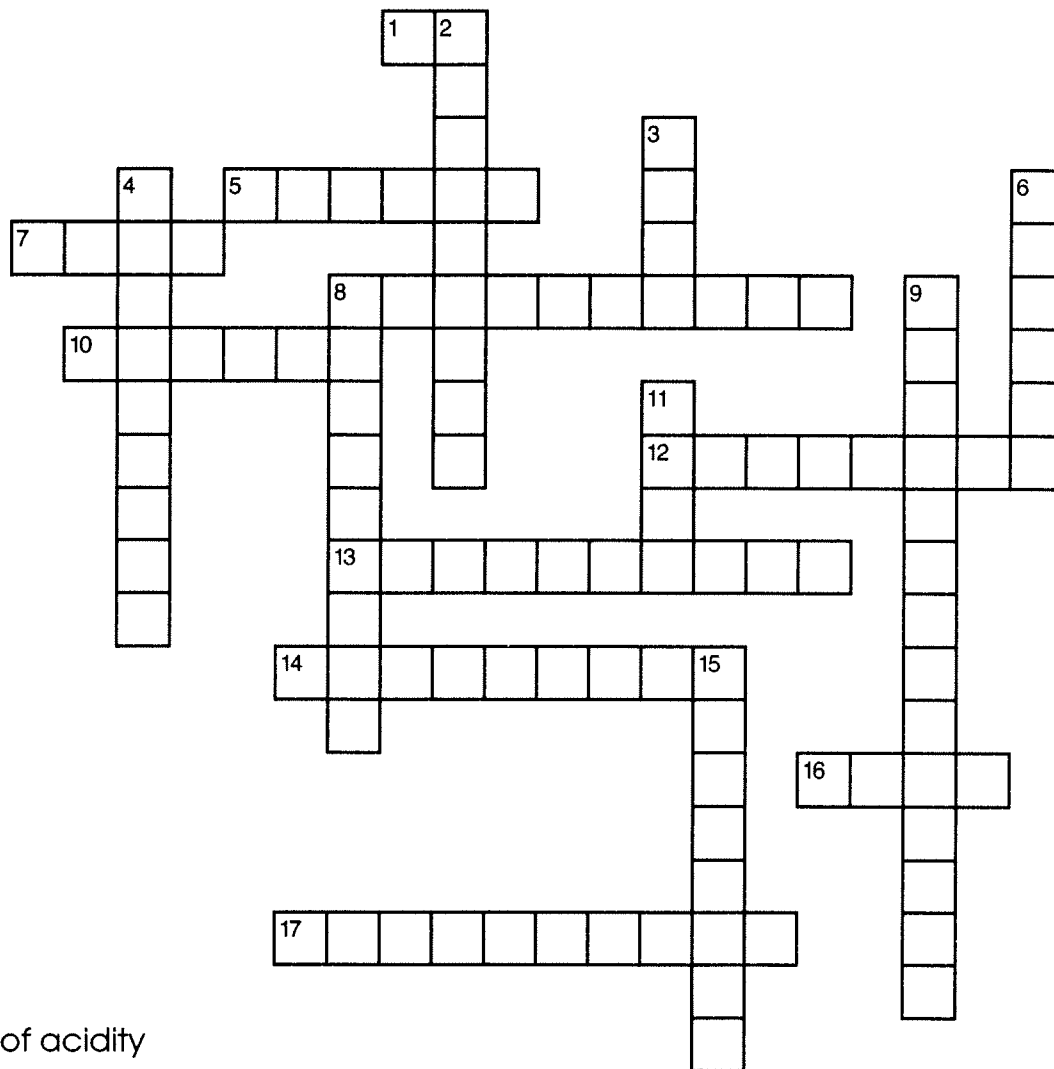


# ACIDS AND BASES CROSSWORD

Name \_\_\_\_\_



## Across

1. Scale of acidity
5. An acid that consists of only two elements
7. Substance that forms hydronium ions in water (Arrhenius)
8. This happens when an acid dissolves in water.
10. According to Bronsted-Lowry, an acid is a \_\_\_\_\_ donor.
12. According to Bronsted-Lowry, a base is a proton \_\_\_\_\_.
13. Can act as either an acid or a base
14. These pairs differ only by a proton.
16. An acid with a small  $K_a$  value would be a \_\_\_\_\_ acid.
17. Reaction of an ion with  $H_2O$  to produce  $H^+(aq) + OH^-(aq)$

## Down

2.  $H_3O^+$
3. Formed from the reaction of an acid and a base
4. Procedure to determine the concentration of an acid or base
6. A solution that will resist changes in pH.
8. Changes color at the endpoint of a titration
9. The reaction of an acid with a base
11. Substance that produces hydroxide ions in aqueous solution (Arrhenius)
15. When equivalent amounts of  $H^+$  and  $OH^-$  have reacted in a titration