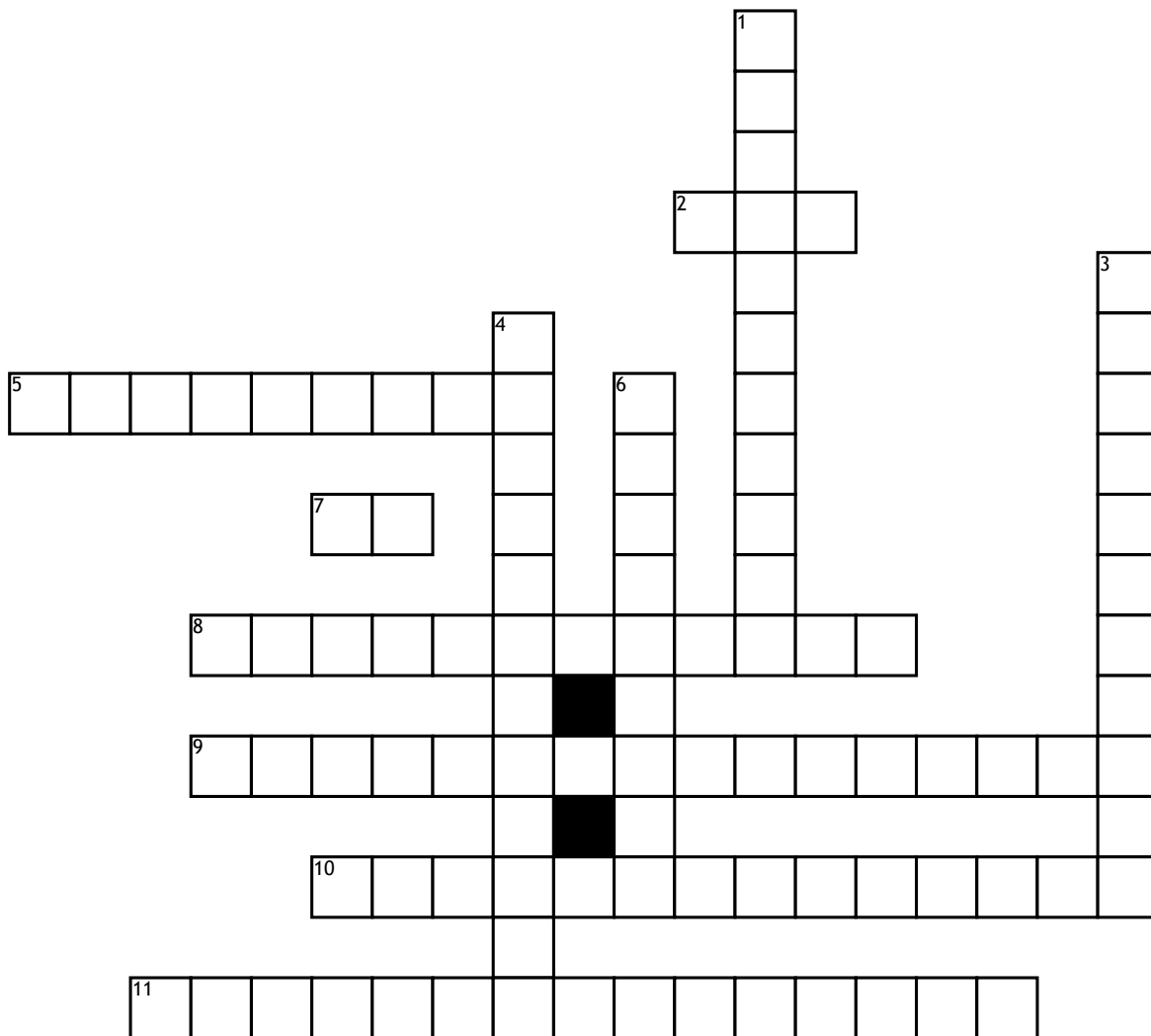


Acids And Bases Part2



Across

2. A measure of the strength of an acid or base solution which is based on the amount of OH⁻ ion.

5. Acids that only ionize partially in solution.

7. A measure of the strength of an acid or base solution which is based on the amount of H⁺ ion.

8. LiOH NaOH KOH Ca(OH)₂ Sr(OH)₂ Ba(OH)₂

9. Have pH = 7

10. Have pH > 7

11. Have pH < 7

Down

1. Acids that ionize completely in solution.

3. Bases that dissociate entirely into metal ions and hydroxide (OH⁻) ions in aqueous solution (Arrhenius base).

4. HCl HBr HI H₂SO₄ HClO₄ HNO₃

6. Bases that ionize only partially in dilute aqueous solution to form the conjugate acid and hydroxide ions.