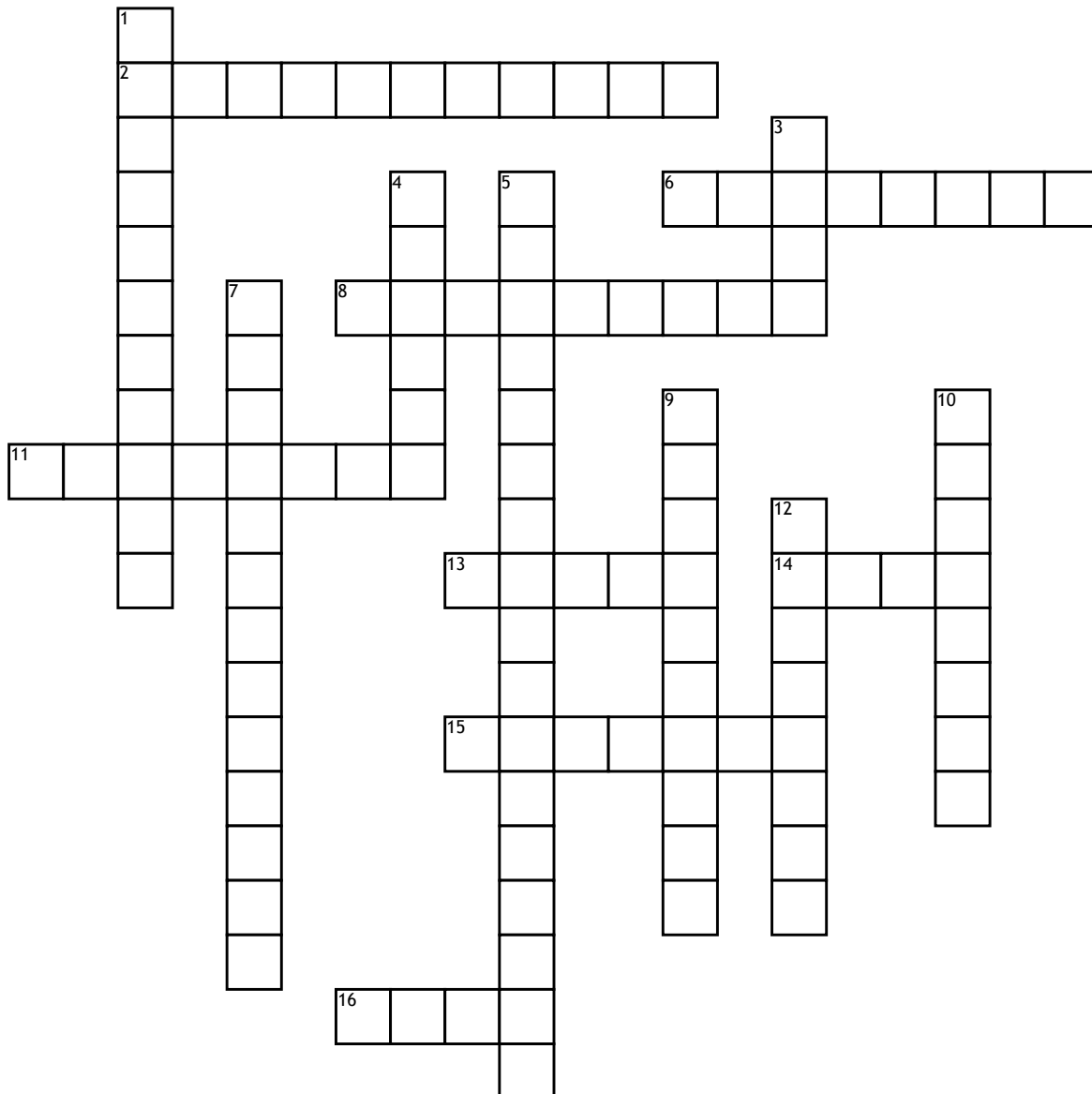


# Atoms



## Across

2. an indicator to tests acids and bases

6. discovered the neutrons

8. ion found in bases

11. simplest element

13. example of a catalyst

14. produces hydroxyl or hydronium ions

15. water is neither acid or base. It is \_\_\_\_\_

16. element used by Rutherford

## Down

1. formula that shows the valence electrons

3. produces hydroxide ions

4. gas produced in the breakdown of H<sub>2</sub>O<sub>2</sub>

5. main ingredient in elephant toothpaste

7. AB---- A + B

9. chemical reaction where heat is given off

10. We balance equations because we the mass of reactants should be equal to the \_\_\_\_\_

12. substance that speeds up chemical reaction