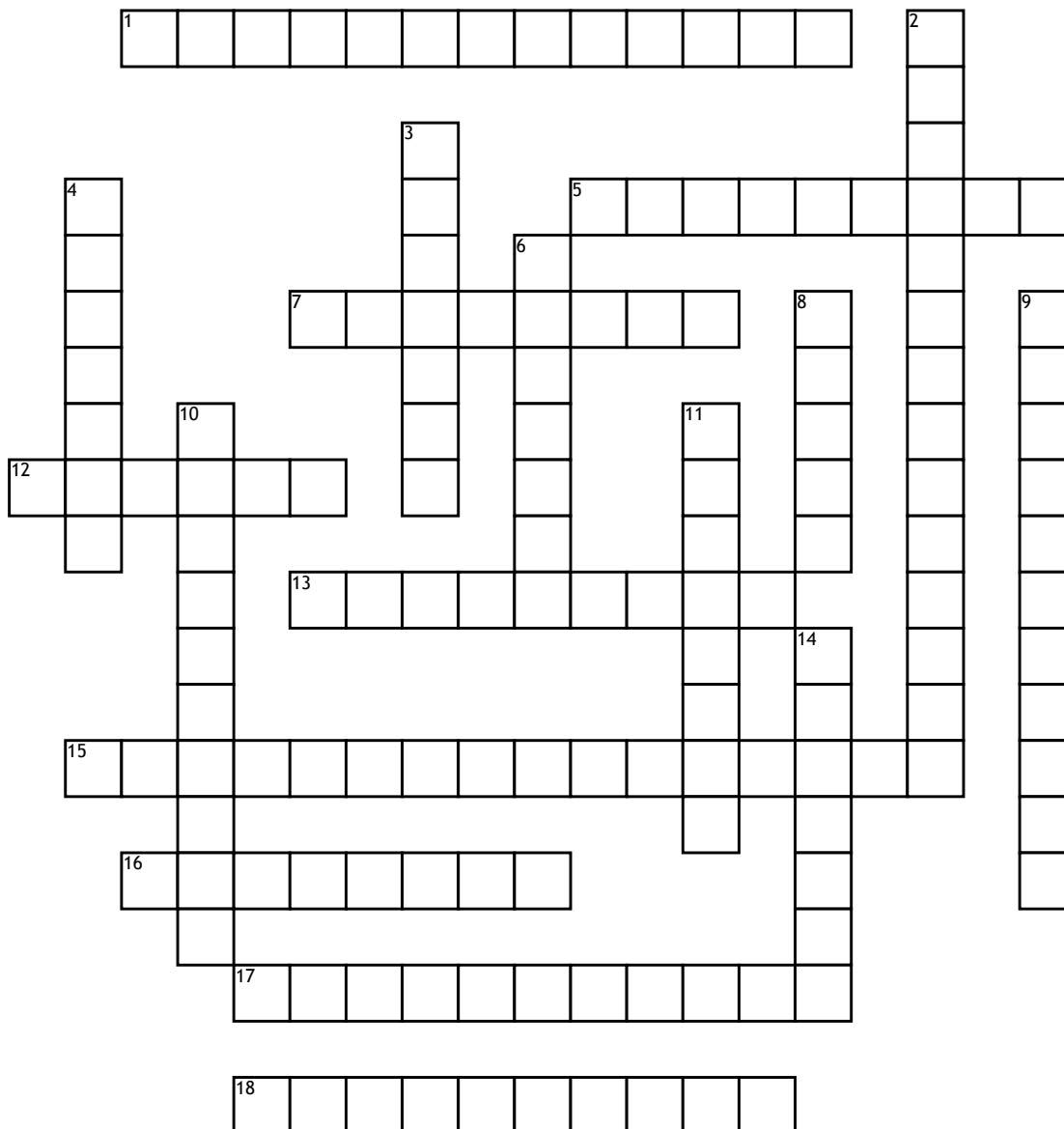


# Chemistry Year 9 Recap



**Across**

- 1. attraction between positive and negative
- 5. subatomic particles with a negative charge
- 7. a substance that reduces the amount of energy needed for a reaction
- 12. atoms which have gained electrons
- 13. starting materials in the reaction

15. the minimum amount of energy required for particles to react

- 16. bonding between non metals
- 17. a solid made in a reaction between two solutions
- 18. a reaction that releases heat

**Down**

- 2. a technique used to separate mixtures
- 3. isotopes contain the same number of

4. atoms which have lost electrons

- 6. a substance that contains only one type of atom
- 8. bonding between metals and non metals
- 9. increasing this would increase the rate of reaction
- 10. reaction with oxidation
- 11. isotopes contain a different number of
- 14. piece of apparatus used in titrations