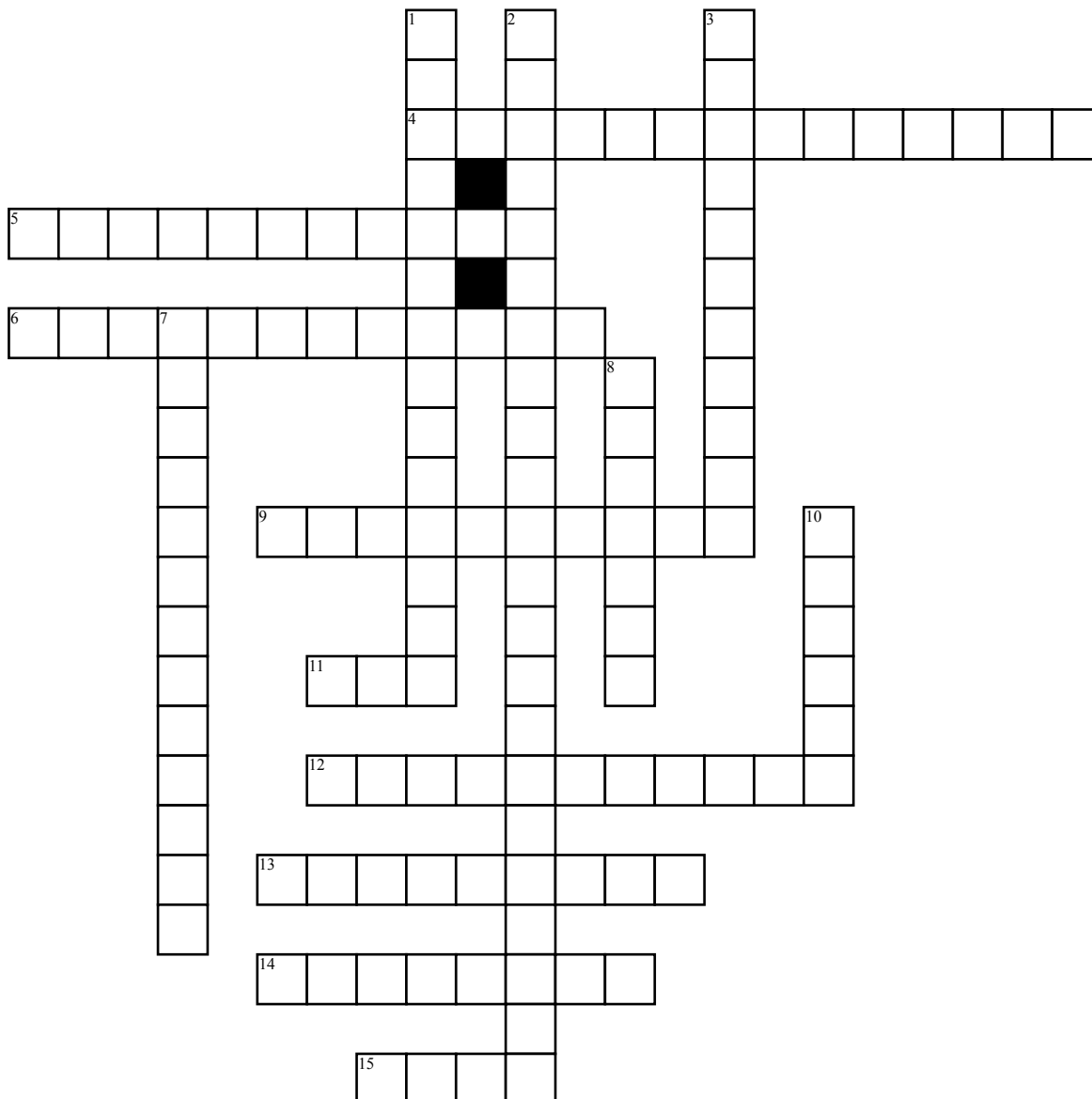


# Crossword Puzzle about Behavior of Gases



**Across**

- 4. The combination of the Three gas law: Boyle's Law, Charles' Law, and Gay Lussac's Law.
- 5. The constant in Boyle's Law
- 6. In this law the volume of a gas is directly proportional to the number of moles of a gas.
- 9. In this law the volume of a gas is directly proportional to the Kelvin temperature.

- 11. One of the phases of matter that has no definite shape and size.
- 12. He formulated Boyle's Law
- 13. In this law the volume of a gas is inversely proportional to its pressure.
- 14. The constant in Charles' law
- 15. The unit of amount in chemistry

**Down**

- 1. He formulated Charles' Law

- 2. The constant in Avogadro's Law
- 3. The combination of the Four Gas Law: Boyle's Law, Charles' Law, Gay Lussac's Law and Avogadro's Law
- 7. In this law the pressure of the gas is directly proportional to its temperature.
- 8. The physical laws that describe the properties of gases.
- 10. The constant in Gay Lussac's Law