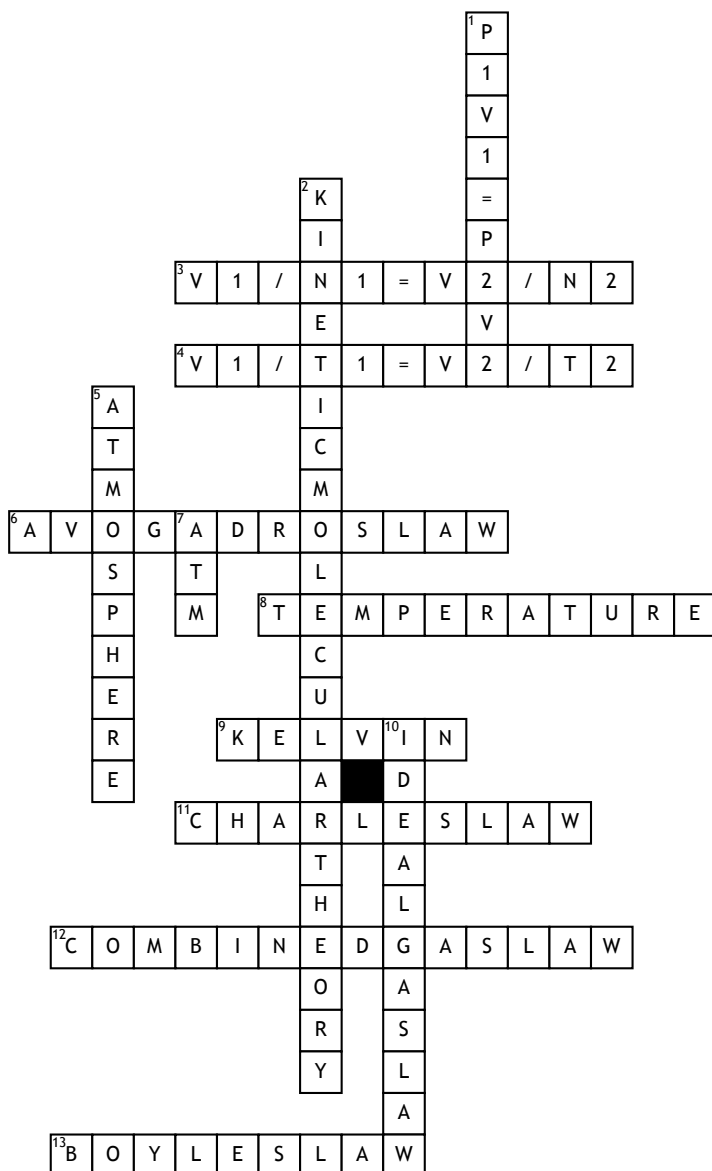


# Gas Laws



## Across

3. Formula for Avogadro's Law

4. Formula for Charles Law

6. The law that states equal volumes of gas contain the same number of particles.

8. Average kinetic energy of all particles.

9. Temperature scale used in gas laws.

11. The law that states temperature of a gas varies directly with volume.

12.  $P_1V_1/T_1 = P_2V_2/T_2$

13. The laws which states that pressure of a gas varies inversely with volume.

## Down

1. Formula for Boyle's Law

2. The model that describes the behavior of all gases under certain conditions.

5. atm stands for

7. Unit for pressure

10.  $PV = nRT$