

Gas-Law Reasoning: Competition Corner

Week 34 — Kelvin, units, assumptions

Competition Corner

Use paper data only; sources in `sources.md`.

1. A gas has $P=1.00$ atm, $V=3.00$ L, $T=300$ K then $P=2.00$ atm, $T=450$ K. Find V and name one assumption.
2. Explain why 20°C to 40°C is not a doubling in Charles's law.
3. Design a data table that reveals a leak during a gas-law simulation.