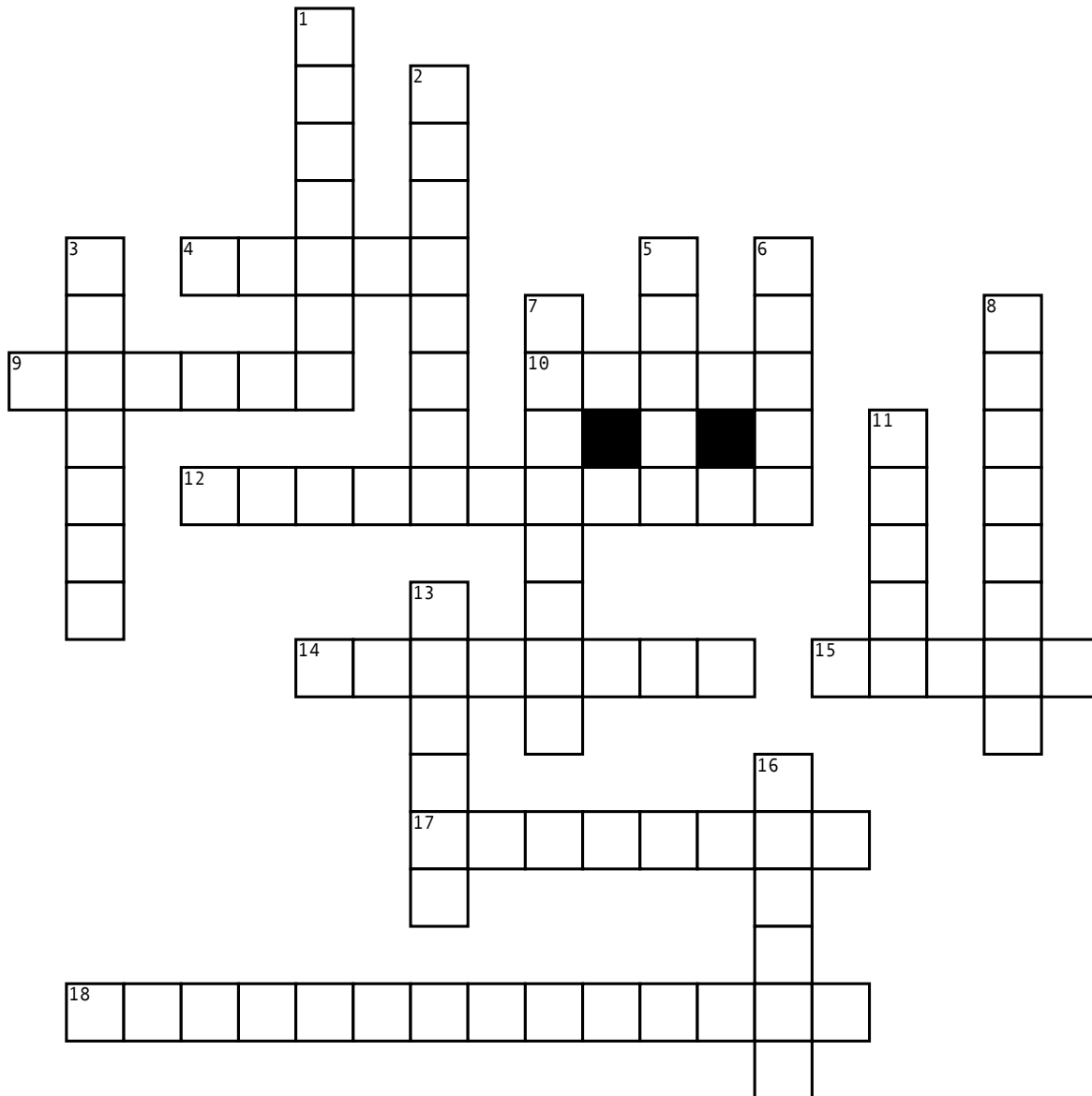


THERMODYNAMICS 1714739



Across

4. _____ equilibrium is when a system involves two phases and each phase reaches equilibrium level
9. Isochoric is a process during which the specific _____ remains constant
10. Properties that describe a system
12. A state/condition of balance and no changes in properties
14. _____ properties is an extensive properties per unit mass
15. Pressure vary with _____.
17. _____ system is a system where nothing crosses the boundaries

18. The state of a simple compressible system is completely specified by two independent, intensive properties

Down

1. Control _____ is the boundaries of a control volume which can be real or imaginary
2. The sum of all macroscopic form of energy in a system
3. A transition from an equilibrium state to another
5. When a process proceeds in a manner that the system remains infinitesimally close to an equilibrium state at all times.
6. _____ point is mixture of liquid water and water vapor in equilibrium at 1 atm pressure.

7. A process during which the pressure remains constant

8. _____ pressure is the actual pressure at a given position that is measured relative to vacuum

11. _____ is a process during which the initial and the final states are identical

13. What is the S.I unit for temperature?

16. The _____ law of thermodynamics state that if two bodies are in thermal equilibrium with a third body, they are in thermal equilibrium with each other