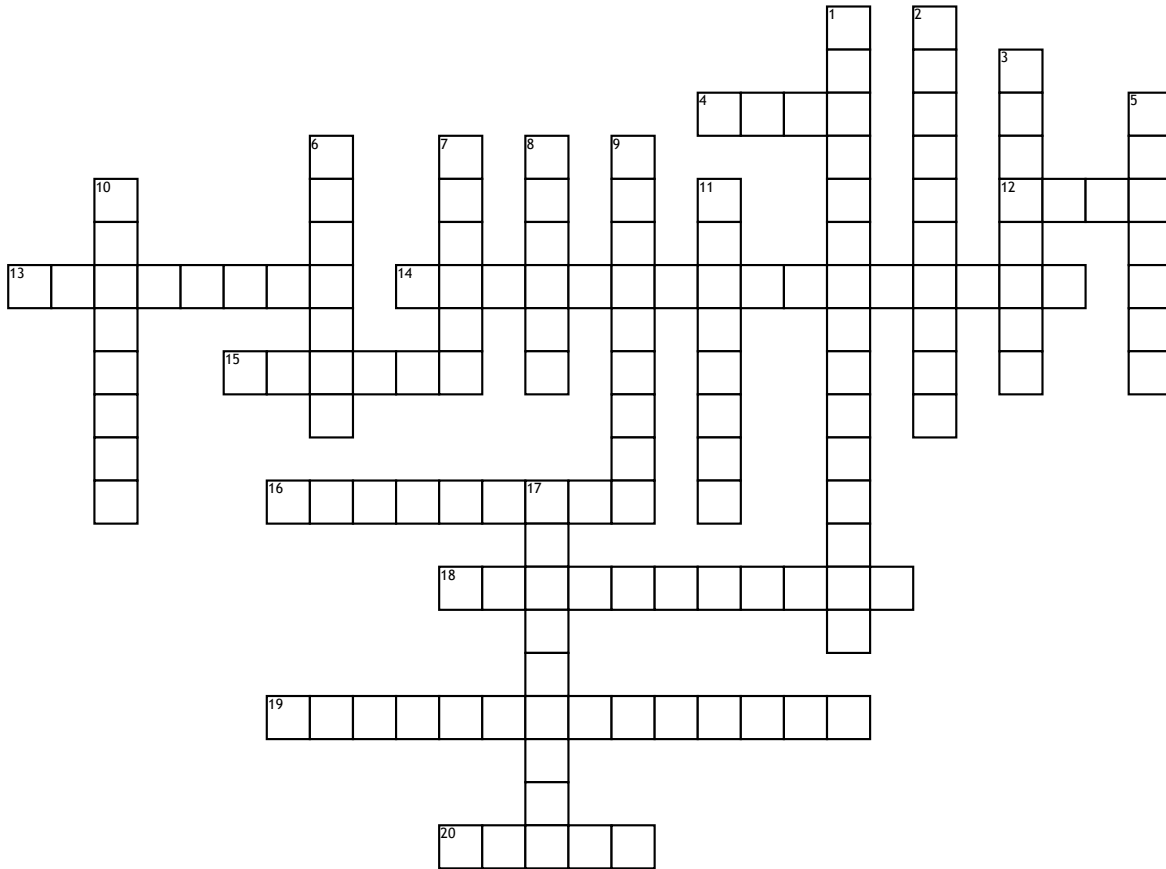


Name: _____

THERMODYNAMICS CHAPTER 1



Across

- 4. Pressure of the system
- 12. System where mass can cross boundary
- 13. Constant pressure
- 14. Almost equilibrium
- 15. Quantity of matter
- 16. Properties that vary with mass
- 18. Succession of states during a process

19. Number of properties required to fix the state of a system

20. System returns to initial state

Down

- 1. Ratio of density of a standard substance at a specified temperature (water at 4 degree Celcius)
- 2. Constant temperature
- 3. Pressure of Gage pressure + Atmospheric pressure

5. $F + 459.67$

6. Transition of states

7. Pressure which is below Atmospheric pressure

8. System where no mass crosses boundary

9. Properties that are independent of mass

10. System where mass and energy cannot cross boundary

11. Separates system from surroundings

17. Constant pressure