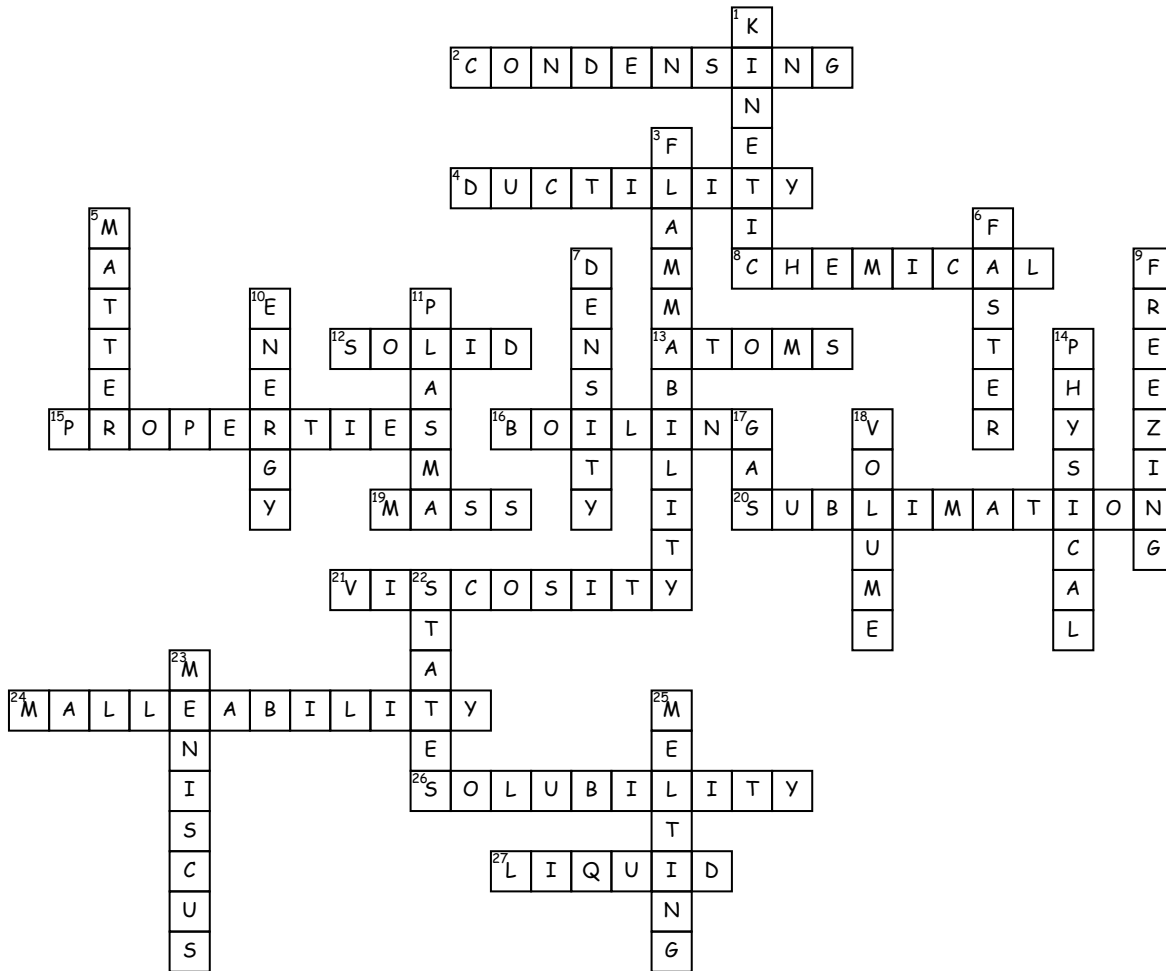


Matter



Across

- 2. Phase change from a gas to a liquid.
- 4. An object's ability to be drawn into a thin wire.
- 8. A _____ property describes an object's ability to change into a new, different substance.
- 12. State of matter with a definite shape and a definite volume.
- 13. The building blocks of matter.
- 15. _____ of matter are characteristics that describe matter.
- 16. Phase change from a liquid to a gas.
- 19. The amount of matter in something.
- 20. Phase change from a solid directly to a gas.
- 21. A liquid's resistance to flow.

- 24. A physical property describing an object's ability to flatten into a thin sheet.
- 26. The ability to dissolve into another substance.
- 27. State of matter with an indefinite shape and a definite volume.

Down

- 1. The energy of motion is _____ energy.
- 3. An object's ability to burn.
- 5. Anything that has mass and volume.
- 6. When heat is added to a substance, the particles move _____.
- 7. A comparison of the mass and volume of an object.
- 9. Phase change from a liquid to a solid.

- 10. To change from a solid to a liquid, add thermal _____.
- 11. State of matter with an indefinite shape and indefinite volume (example: stars).
- 14. A _____ property can be observed or measured without changing the identity of the object.
- 17. State of matter that has an indefinite shape and an indefinite volume (example: air).
- 18. The amount of space that something takes up.
- 22. Solids, liquids, gases, and plasmas are all _____/phases of matter.
- 23. Measure the volume of liquids from the bottom of their _____.
- 25. Phase change from a solid to a liquid.