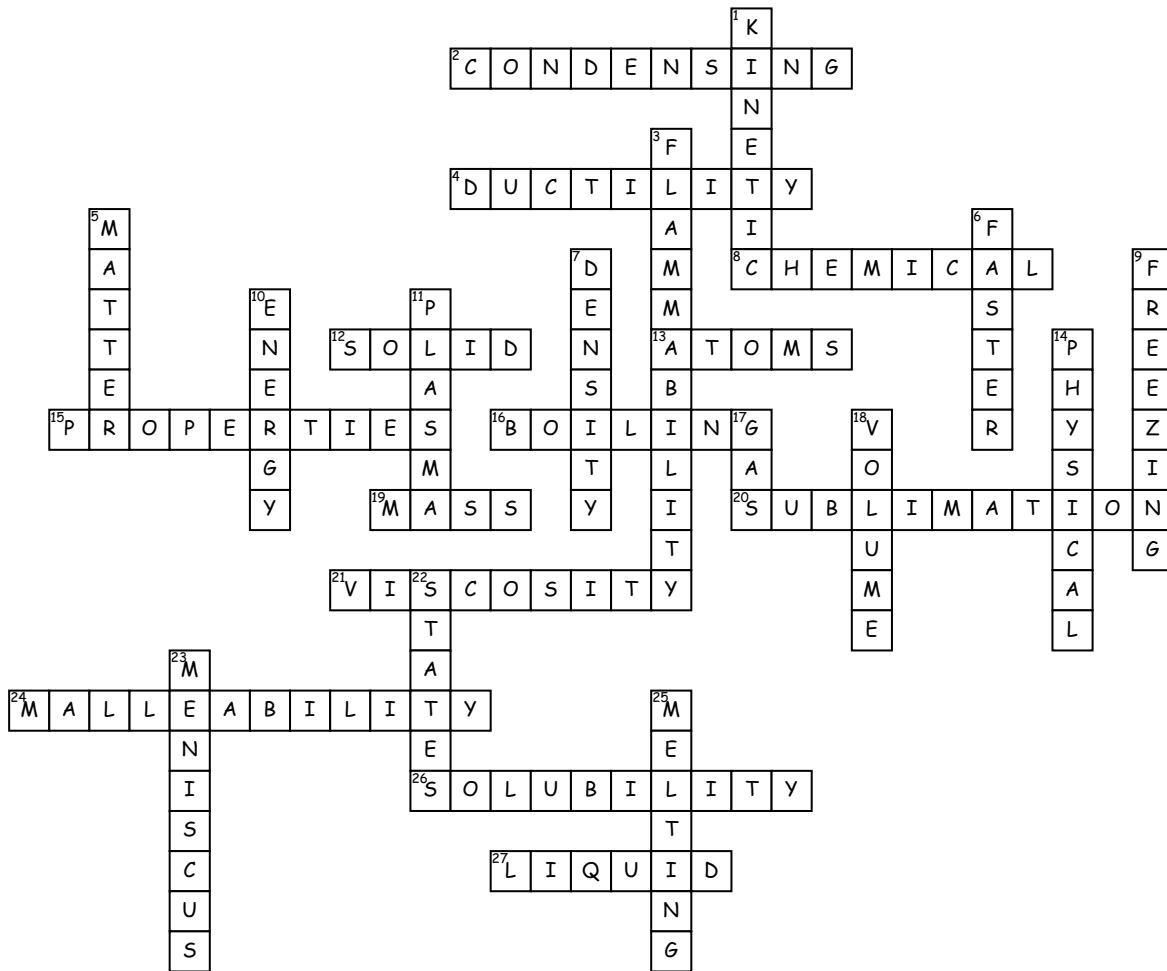


Matter



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.