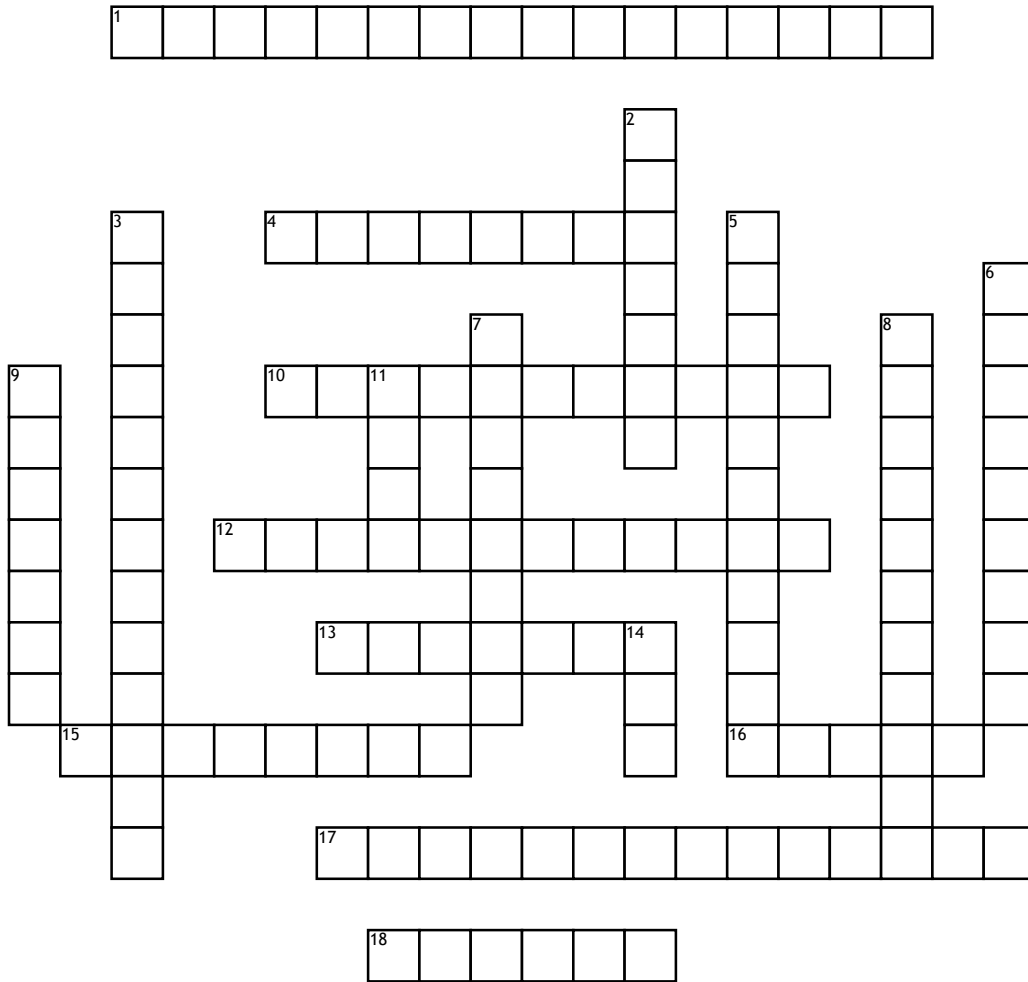


States of Matter



Across

- 1. A characteristic of a pure substance observed without changing into another substance.
- 4. A homogeneous mixture with dissolved substances.
- 10. A type of vaporization.
- 12. The force that holds two atoms together.
- 13. Another type of vaporization.
- 15. A pure substance of 2 or more elements chemically combined

- 16. A state with definite shape and volume.
- 17. A substance that does not change its identity.
- 18. A state that has no definite shape but has definite volume.

Down

- 2. The measure of how much mass is in a given volume
- 3. A mixture where substances are not evenly distributed in the mix.
- 5. A mixture where substances are evenly distributed in the mixture

- 6. A liquid's resistance to flowing
- 7. A particle made with two or more atoms bonded together.
- 8. When a solid goes directly to gas.
- 9. A pure substance that can't be broken down into other substances.
- 11. The basic particle that makes all elements.
- 14. A state with no definite shape or volume.

Word Bank

- | | | | | |
|---------------|---------------|-------------------|-----------------|-------------|
| viscosity | atom | molecule | physical change | sublimation |
| solid | gas | evaporation | solution | liquid |
| homogeneous | chemical bond | element | boiling | density |
| heterogeneous | compound | physical property | | |