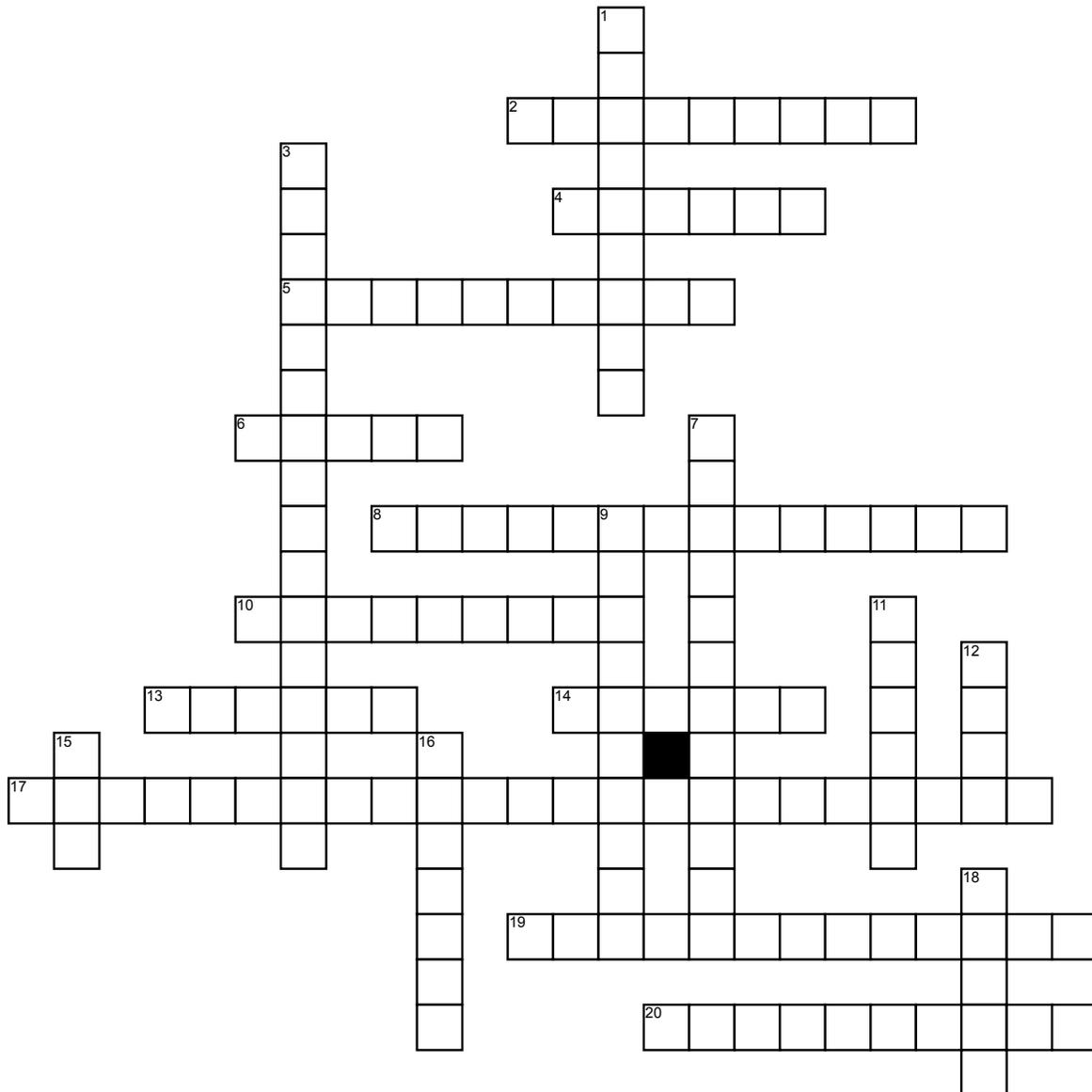


Properties and Changes in Matter



Across

- 2. Substances that change or react.
- 4. A definite volume but not a definite shape.
- 5. Describes how easily a substance reacts with other substances.
- 6. Flow easily and mix together easily. (gas & liquid)
- 8. When two or more substances are combined and changed into new substances with new properties.
- 10. The transfer of thermal energy by electromagnetic waves.
- 13. A hot mixture of ions and electrons

- 14. A measure of the force, or pull, on an object due to gravity.
- 17. Matter can be neither created or destroyed.
- 19. The idea that particles are made up of matter and are constantly moving.
- 20. Transfer of thermal energy through particles of matter that are in direct contact.

Down

- 1. Do not react with other substances.
- 3. The process that added thermal energy causes most substances to increase size, or expand.

- 7. The temp at which changes between solid in liquid that make it solid melt into a liquid or make a liquid freeze into a solid.
- 9. The transfer of thermal energy by the motion of fluids (gas & liquid)
- 11. The amount of space an object takes up.
- 12. The amount of matter in an object.
- 15. Has neither a definite shape nor definite volume.
- 16. The amount of mass per unit volume of a given substance.
- 18. Definite shape and volume.