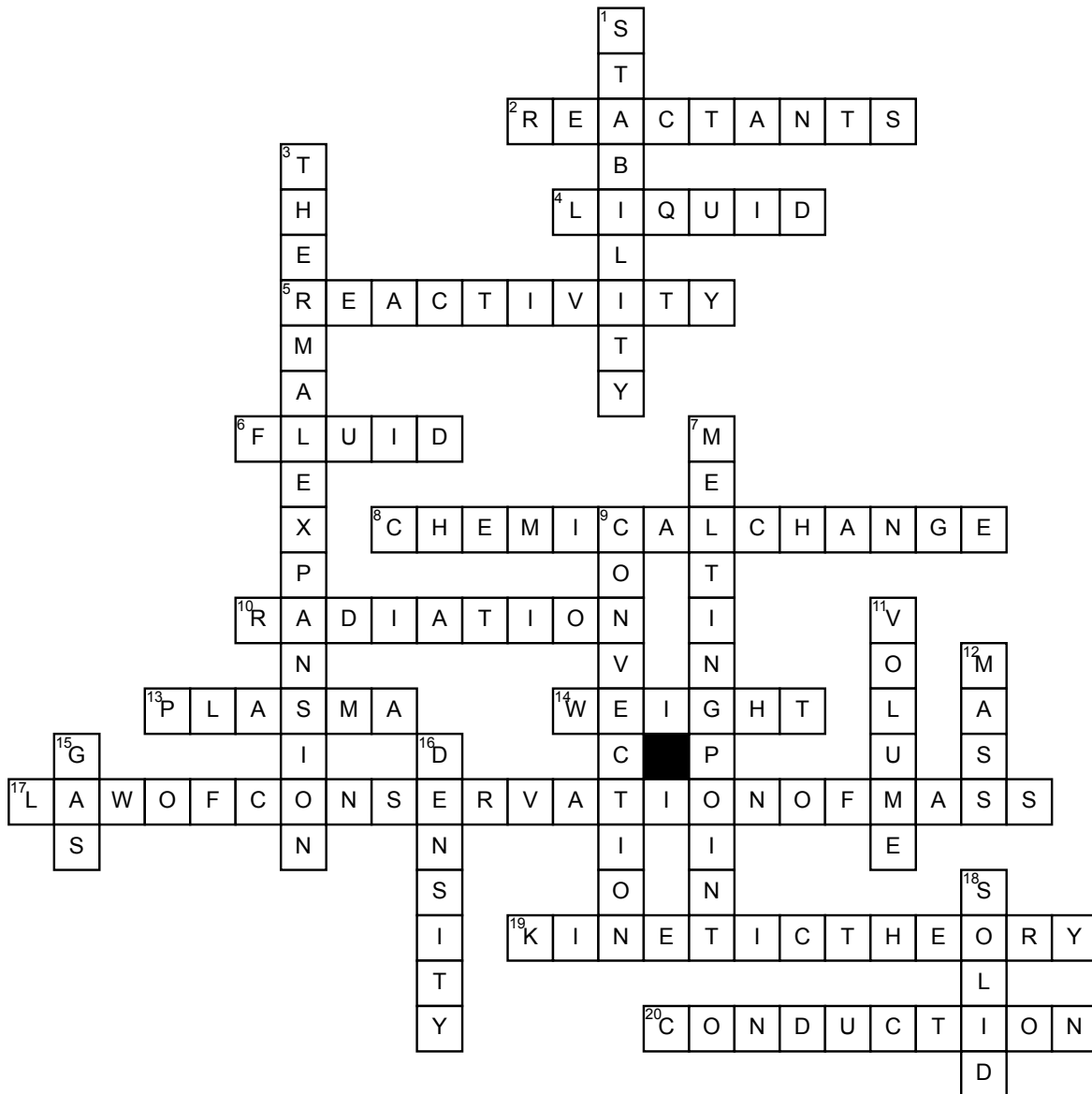


Properties and Changes in Matter



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.