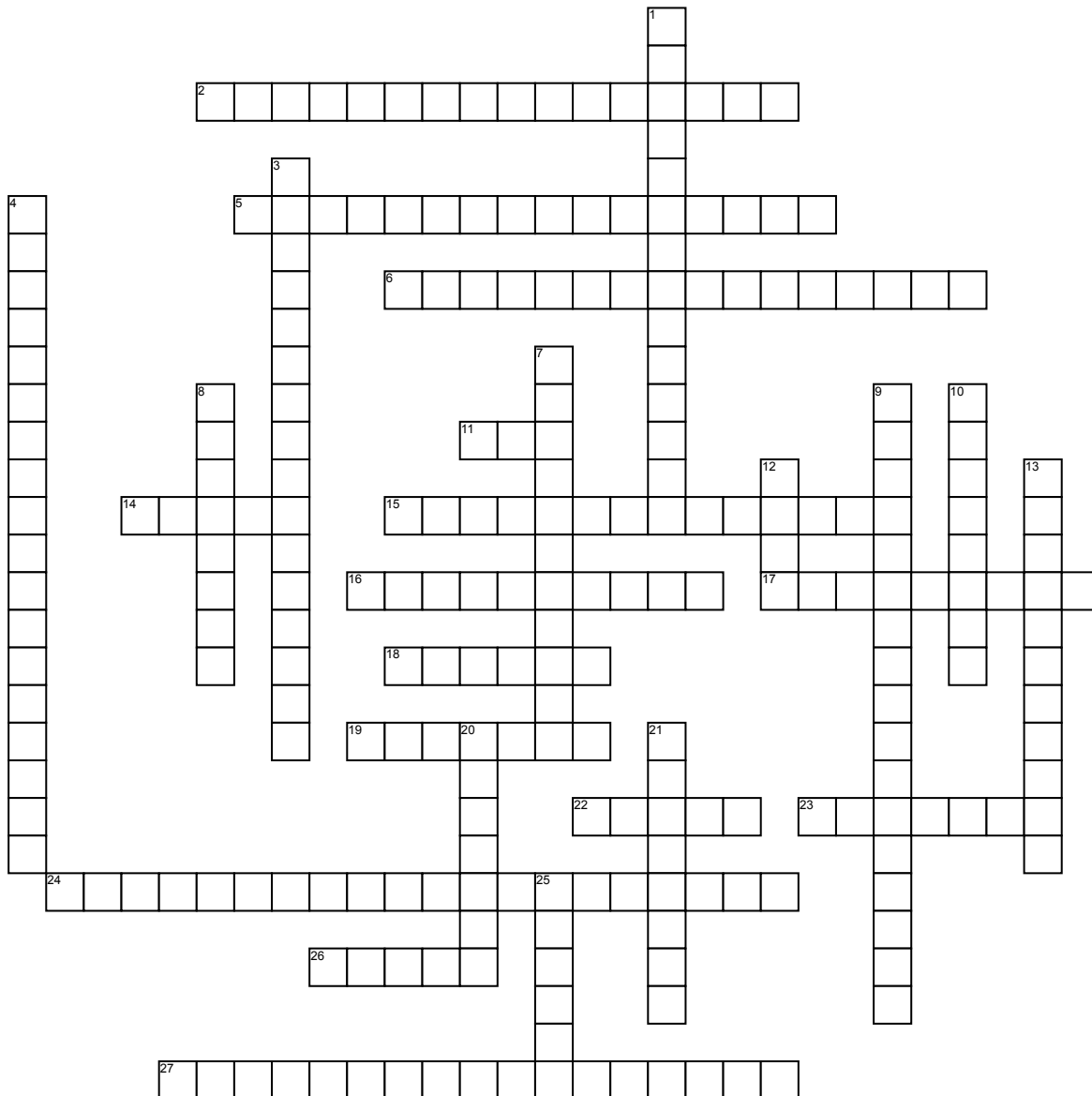


chemistry



Across

2. the ability of a substance to undergo a specific chemical change
5. process that changes one set of chemicals into another set of chemicals
6. a change in a substance that does not involve a change in the identity of the substance (phase changes, adding color, cutting...)
11. matter that does not have a definite shape or volume but can be easily compressed
14. matter that exists in the gas state but is generally a liquid or solid at room temperature
15. a change that produces matter with a different composition than the original matter
16. the process that separates a solid from the liquid in a heterogeneous mixture
17. Matter that has a uniform and definite composition
18. a substance in the fluid state of matter having no fixed shape but a fixed volume and is not easily compressed

19. A substance that cannot be broken down into simpler substances
22. matter with a definite shape, volume, and not easily compressed
23. element or compound produced by a chemical reaction
24. a mixture that is not uniform in composition; components are not evenly distributed throughout the mixture
26. any part of a sample with uniform composition and properties (oil and water would consist of two phases, the oil is one, and the water is another)
27. property that depends on the amount of matter in a sample
- Down**
1. a one or two letter representation of an element
3. a property of matter that can be observed or measured without changing the identity of the matter (color, shape, size, boiling point, freezing point...)

4. A mixture in which materials are blended evenly so that the mixture is the same throughout; also called a solution
7. a process that separates the substances in a solution based on their boiling points
8. a substance made up of atoms of two or more different elements joined by chemical bonds
9. a property that depends on the type of matter in a sample, not the amount of matter
10. element or compound that enters into a chemical reaction
12. amount of matter in an object
13. A solid that forms from a solution during a chemical reaction
20. A combination of two or more substances that are not chemically combined
21. a homogeneous mixture of two or more substances uniformly dispersed throughout a single phase
25. anything that has mass and takes up space