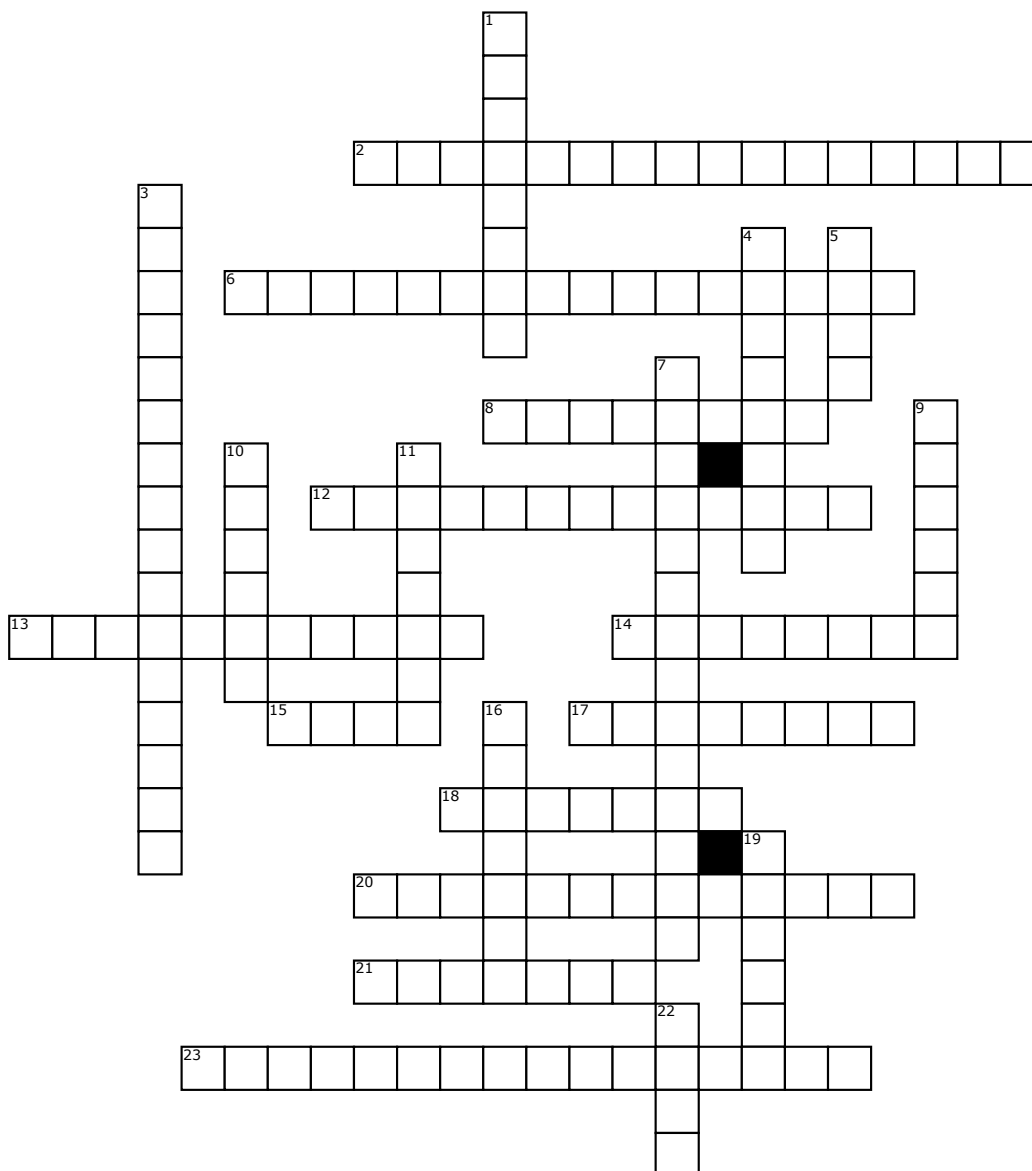


Matter in Chemistry



Across

- 2.** the process by which one or more substances change to produce one or more different substances
6. a property of matter that describes a substance's ability to participate in chemical reactions
8. something that has magnitude or a size or an amount
12. a sample of matter that has definite chemical and physical properties
13. describes something that has a uniform structure or composition throughout
14. the smallest unit of a substance that keeps all of the physical and chemical properties of that substance
15. a quantity adopted as a standard of measurement

- 17.** a substance made up of atoms of two or more different elements joined by chemical bonds
18. the ratio of the mass of a substance to the volume of a substance
20. composed of dissimilar components
21. a combination of two or more substances that are not chemically combined
23. a ratio that is derived from the equality of two different units and that can be used to convert from one unit to another

Down

- 1.** any substance that has a defined composition
3. a characteristic of a substance that does not involve a chemical change
4. a substance or molecule that participates in a chemical reaction

- 5.** the smallest unit of an element that maintains the properties of that element
7. the physical forms of matter
9. a measure of the size of a body or region in three dimensional space
10. anything that has mass and takes up space
11. a substance that forms in a chemical reaction
16. a substance that cannot be separated or broken down into simpler substances by chemical means
19. a measure of the gravitational force exerted on an object
22. a measure of the amount of matter in an object