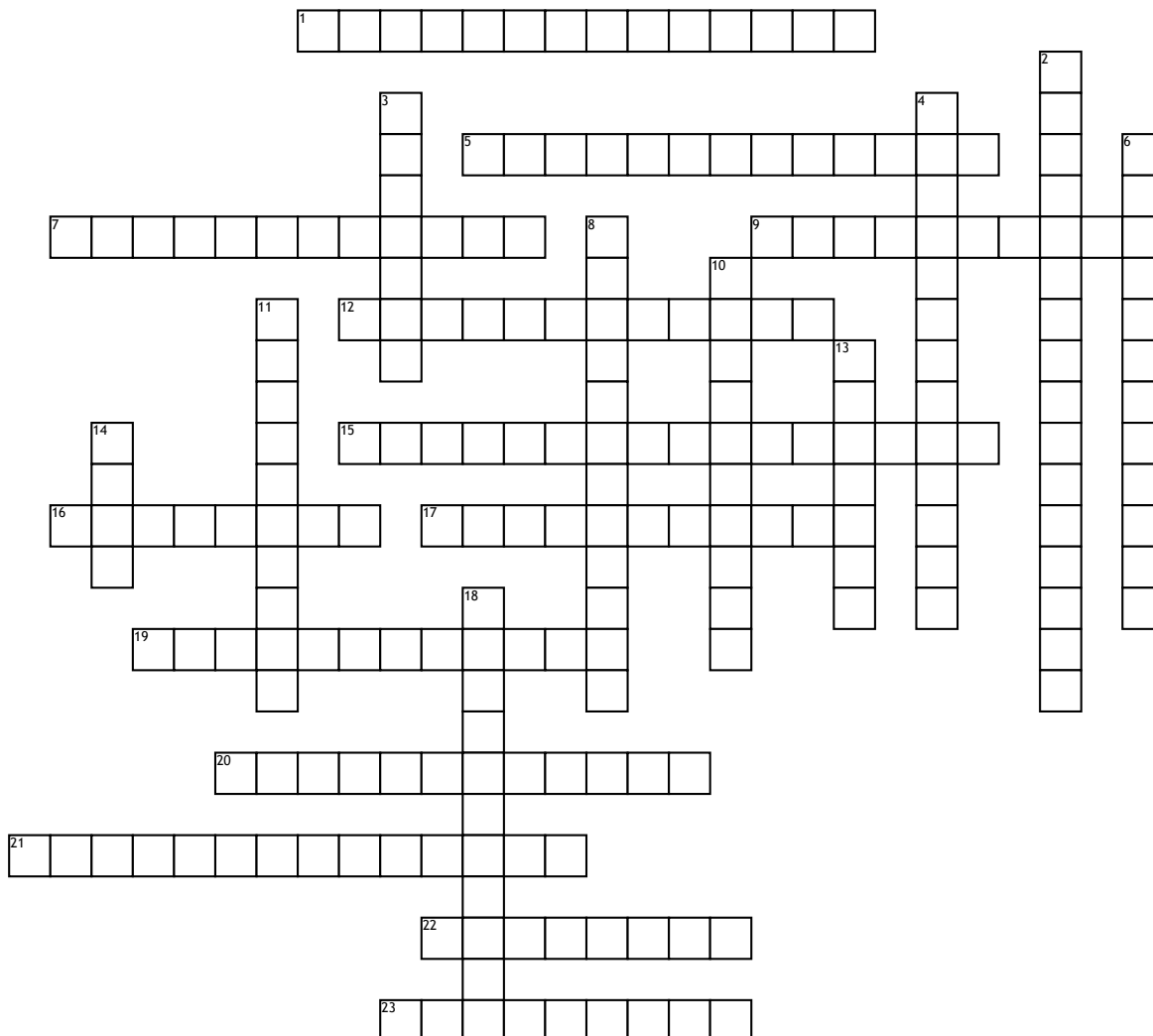


# Chap.2 Vocab



## Across

1. a change that occurs when some properties of a material change but the substances in the material stays the same
5. a type of mixture in which the parts of the mixture are noticeably different from one another
7. a material's ability to burn in the presence of oxygen
9. a heterogeneous mixture that separates into layers over time
12. a process that separates the substances in a solution based on their boiling points
15. a property that produces a change in the composition of matter
16. a mixture that forms when substances dissolve and form a homogeneous mixture
17. a solid that forms when and separates from a liquid mixture
19. the temperature at which a substance changes from solid to liquid

20. the temperature at which a substance boils; the temperature at which vapor pressure is equal to atmospheric pressure
21. change that occurs when a substance reacts and forms one or more new substances

22. a substance that is made from two or more simpler substances and can be broken down into those simpler substances
23. the tendency of a liquid to keep from flowing; resistance to flowing

## Down

2. any characteristic of a material that can be observed or measured without changing the composition of the substances in the material
3. a mixture that contains some particles that are intermediate in size between the small particles in a solution and the larger particles in a suspension

4. matter that always has exactly the same composition; an element or compound

6. a material's ability to allow heat or electric charges to flow
8. the ability of a solid to be hammered without shattering
10. a process that separates materials based on the size of their particles
11. the property that describes how readily a substance combines chemically with other substances
13. a substance that can't be broken down into simpler substances
14. the smallest particle of an element
18. a type of mixture in which the substances are so evenly distributed that it is difficult to distinguish one substance in the mixture from another