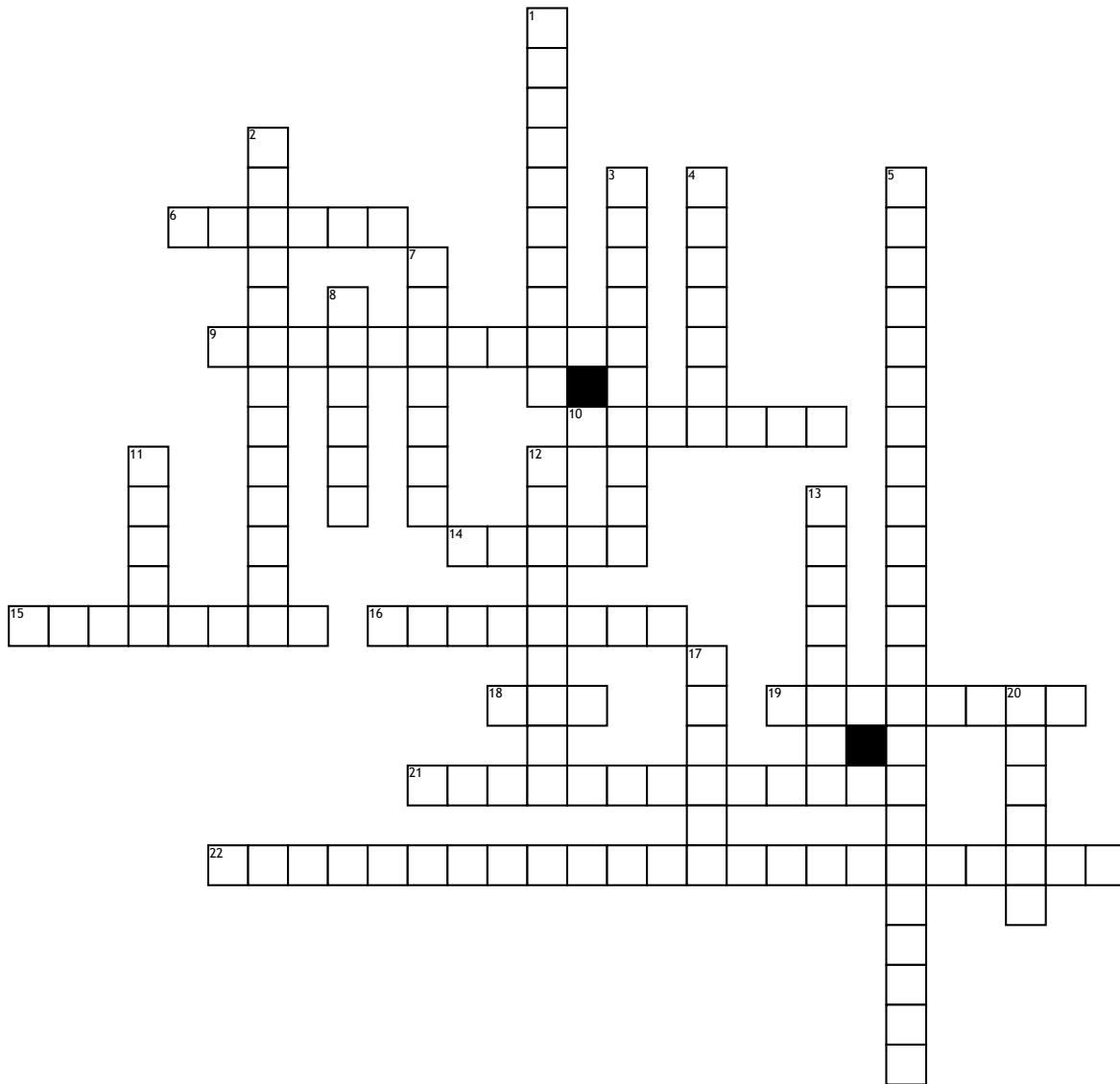


# Physical Science



## Across

6. Any substance that has mass and volume  
 9. Of the same kind  
 10. Made up of two or more substances that aren't chemically combined  
 14. Homogeneous state of a system  
 15. To make something denser  
 16. Substance formed when two or more chemical elements are chemically bonded together  
 18. No independent shape or volume

19. Forms a homogeneous solution

21. Contains one kind of matter  
 22. Defining traits about something

## Down

1. Heterogeneous mixture of a finely distributed solid in a liquid.  
 2. Consisting of dissimilar ingredients  
 3. Doesn't form a homogeneous solution  
 4. Substance that dissolves a solute

5. Behavior of a substance when it undergoes a chemical change

7. Substance whose atoms all have the same number of protons  
 8. A dissolved substance  
 11. Firm and stable in shape  
 12. To turn liquid into vapor  
 13. Homogeneous mixture composed of two or more substances  
 17. Ionized gaseous substance becomes highly electrically conductive  
 20. Incompressible fluid