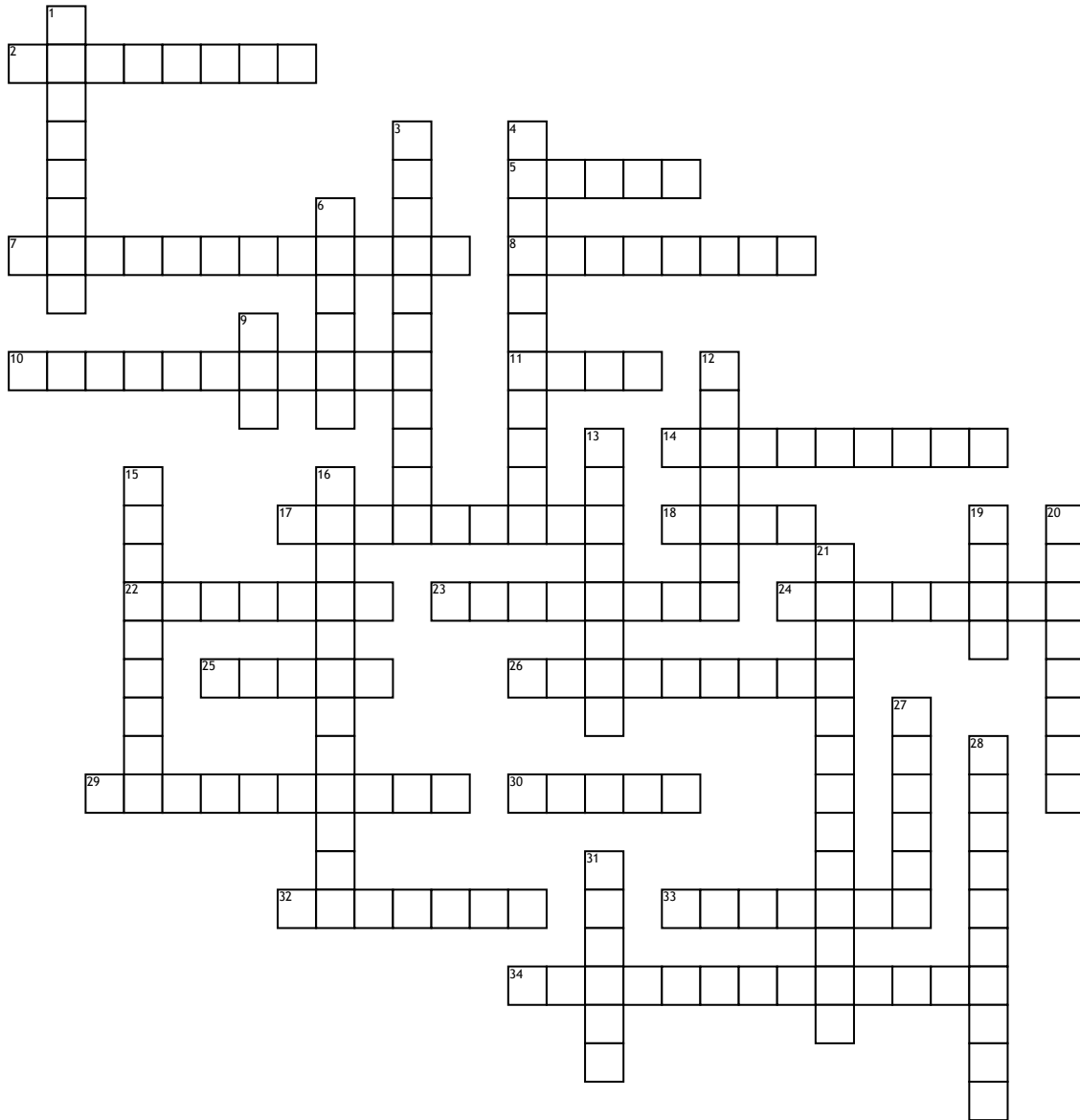


# chemistry



## Across

2. a substance composed of multiple elements combine in fixed proportions  
 5. the gaseous state of a sample of matter  
 7. the process by which a sample of matter changes from gaseous  
 8. \_\_\_\_\_ property - properties that describe matter  
 10. the process by which a sample of matter changes  
 11. the smallest unit of an element  
 14. \_\_\_\_\_ property - properties of a substance that DO NOT depend on amount of the substance present  
 17. elements or compounds that can only be separated or combined to make substances with new properties by means of a chemical reaction  
 18. the amount of matter in an object  
 22. one of the primary substances that make up matter and cannot be chemically broken down or converted into other substances

23. \_\_\_\_\_ property - properties that include all of the possible chemical changes that a sample of matter can go through  
 24. the physical and chemical characteristics of a substance  
 25. a state of matter that has no fixed  
 26. related to the description of something in non numerical terms  
 29. the process by which a sample  
 30. a state of matter where the shape is constant  
 32. the of quantity mass  
 33. a homogeneous mixture in which the substance  
 34. \_\_\_\_\_ mixture - a mixture with a non-uniform composition in which the individual components are distinct and visible

## Down

1. a homogeneous aqueous mixture  
 3. \_\_\_\_\_ mixture - a mixture with a uniform composition  
 4. the process by which a matter

6. \_\_\_\_\_ mass - the mass of a single atom  
 9. a state of matter where the shape and volume  
 12. \_\_\_\_\_ Effect - the effect that occurs when light is scattered  
 13. \_\_\_\_\_ change - a change that occurs when a new substance is created with different properties  
 15. \_\_\_\_\_ property - properties of a substance that are dependent on the amount of a substance present  
 16. related to the description of something  
 19. \_\_\_\_\_ substance - any single type of substance  
 20. \_\_\_\_\_ change - a change that does not change the chemical identity of a substance  
 21. the temperature  
 27. a state of matter where the shape is variable  
 28. a heterogeneous mixture containing particles  
 31. anything that has volume and mass