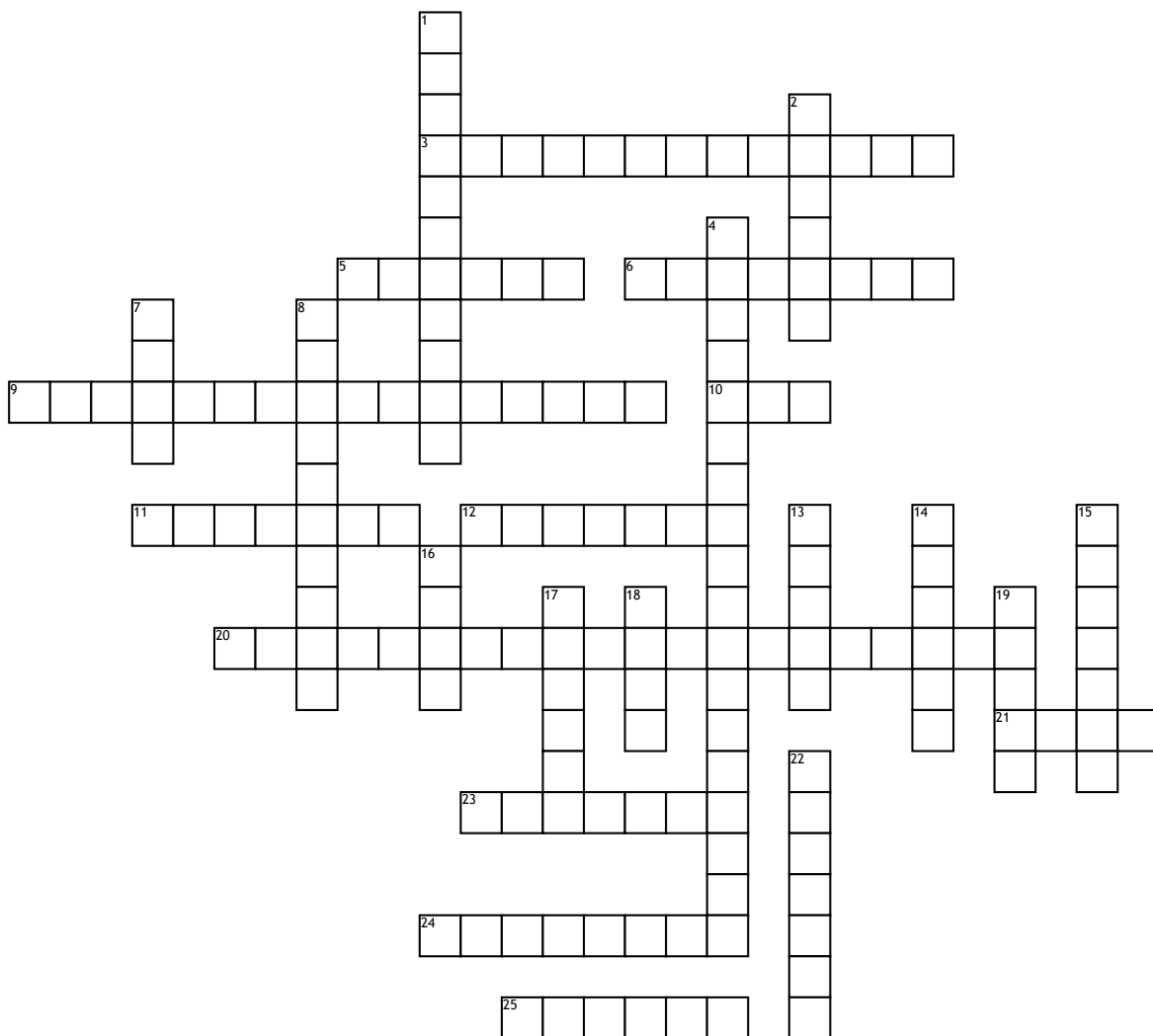


# Chemistry crossword



## Across

3. A table that shows the elements, their atomic number, symbol, and average atomic mass  
 5. state of matter that exists at super-high temperatures in which all molecules are dissociated  
 6. Characteristic used to describe something  
 9. property of a substance that doesn't involve a chemical change  
 10. A state of matter with no definite shape or volume  
 11. The change of matter from a solid to a liquid  
 12. Matter that can vary in composition  
 20. Mixture in which individual substances are unevenly mixed

21. Small particle that is a building block of matter  
 23. Substance consisting of just one type of atom  
 24. To form a solution by mixing evenly  
 25. A subatomic particle that has a positive charge and that is found in the nucleus of an atom

## Down

1. The process in which a liquid turns into a gas  
 2. Anything that has mass and takes up space  
 4. Mixture in which individual substances are evenly mixed  
 7. Amount of matter in an object  
 8. The ability of a substance to dissolve into another

13. A state of matter with definite shape and volume  
 14. A state of matter with no definite shape, definite volume  
 15. Subatomic particle with no charge and a mass about equal to a proton and found in the nucleus  
 16. Small particle that is a building block of matter  
 17. Having nothing else like it  
 18. Force between atoms  
 19. A class of elements characterized by physical properties that include shininess, malleability, ductility, and conductivity  
 22. The mass per unit volume of a substance