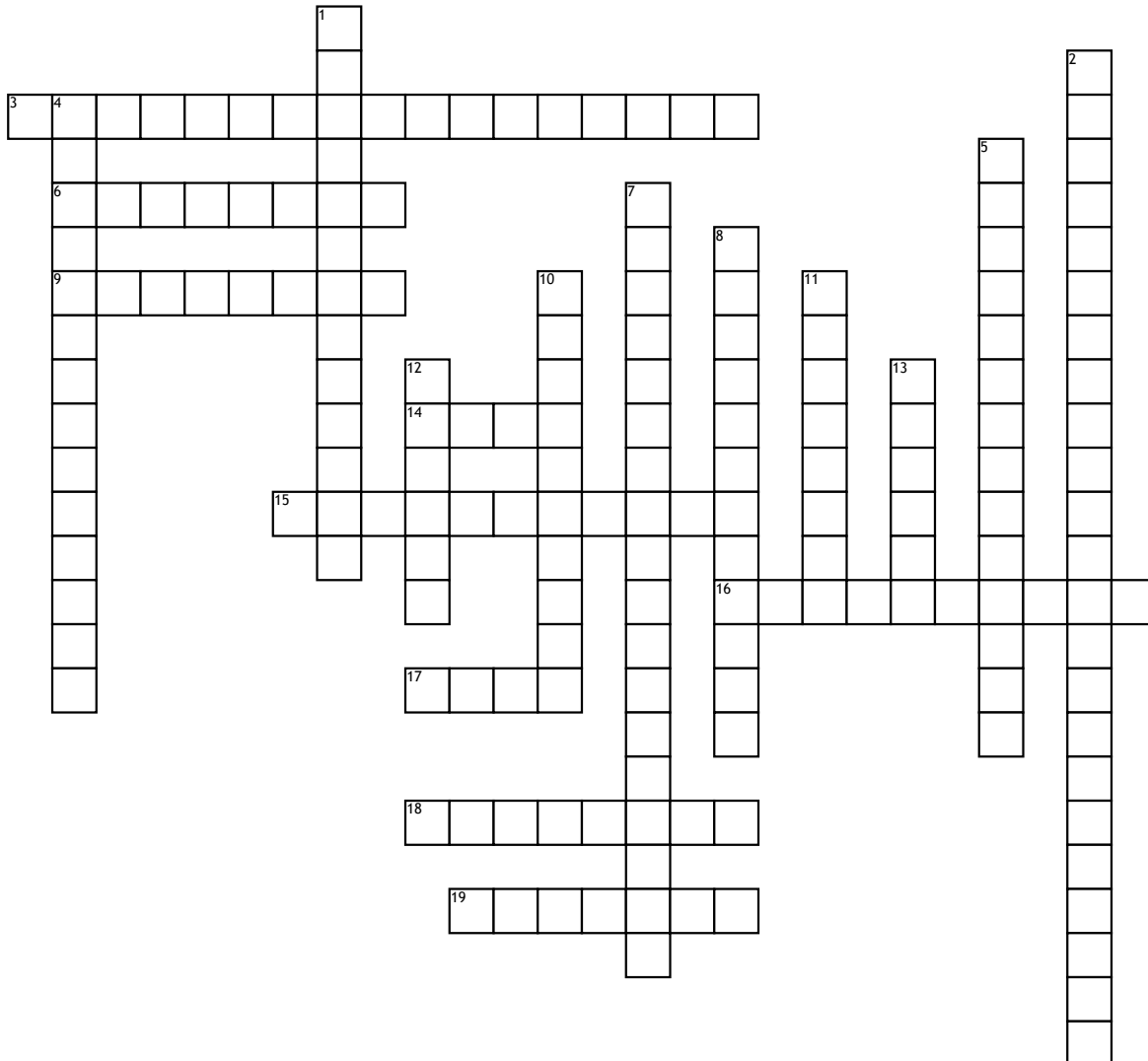


# atoms



## Across

3. The nucleus is \_\_\_\_\_ because of the protons and neutrons  
 6. A substance that can not be broken down by chemical means  
 9. Finding the mass  
 14. The smallest unit of matter  
 15. Finding the amount of protons or neutrons  
 16. The sum of the numbers of protons and neutrons  
 17. Amount of how much matter is in an object

18. A subatomic particle that is negatively charged  
 19. A small dense center that has a positive charge because of the protons and neutrons

## Down

1. A region around the nucleus / the electrons may be found here  
 2. An arrangement of Element in order of the atomic numbers  
 4. Zero  
 5. Notation of one or more letters representing the elements

7. The Electron cloud is \_\_\_\_\_ because of the electrons  
 8. Number of protons in nucleus of an atom  
 10. Is the average mass of atoms of an element  
 11. The same number of protons different number of neutrons  
 12. Anything that takes up space  
 13. Positively charged particles in the nucleus