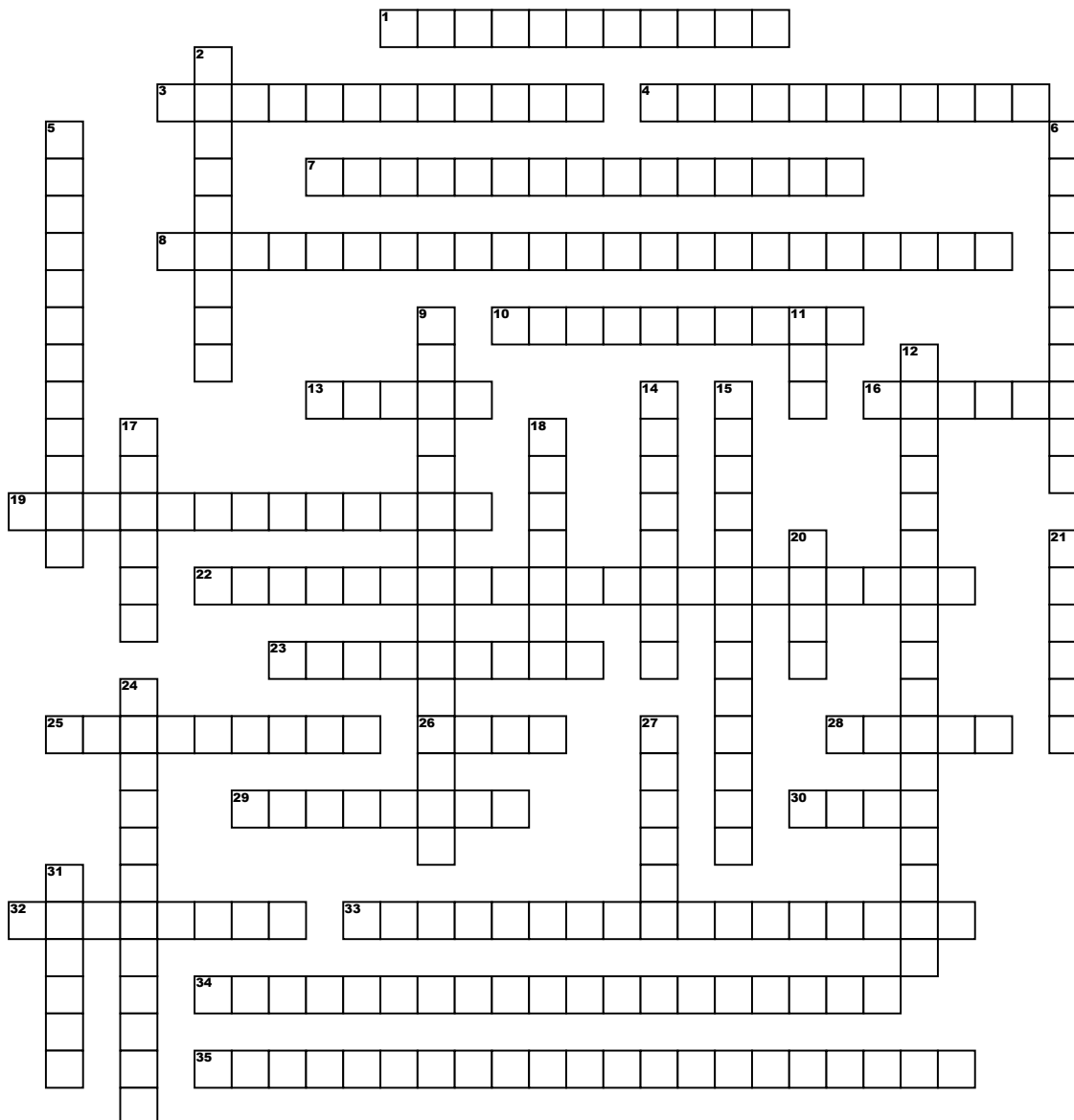


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Chemistry Crossword



## Across

1. 14 elements 58-71 Chapter 5  
 3. attraction between metal atoms Chapter 7  
 4. lowest energy state of an atom Chapter 4  
 7. sharing electron pairs Chapter 7  
 8. mass is neither created nor destroyed Chapter 3  
 10. testable statement Chapter 2  
 13. negative ion Chapter 6  
 16. as a \_\_\_ of fact, it has mass and takes up space Chapter 1  
 19. double and triple bonds Chapter 7  
 22. arrangement of electrons in an atom Chapter 4  
 23. 14 elements 90-103 Chapter 5

## 25. expressed in g/mol Chapter 3

26. counting unit related to atom Chapter 3  
 28. neither liquid nor gas Chapter 1  
 29. elements of group 17 Chapter 5  
 30. smallest particle of matter Chapter 1  
 32. substance with a definite composition Chapter 1  
 33. attractiveness between atoms Chapter 6  
 34. emission of electrons from a metal Chapter 4  
 35. orientation of an orbital Chapter 4

## Down

2. multiple lewis structures Chapter 7  
 5. the atoms radius Chapter 6  
 6. energy to break a bond Chapter 7

## 9. $6.022 \times 10^{23}$ Chapter 3

11. atoms have positive or negative charge Chapter 6  
 12. p and s block elements Chapter 5  
 14. how much of something Chapter 2  
 15. mathematically describes wave properties Chapter 4  
 17. positive ion Chapter 6  
 18. uranium 238 is an \_\_\_ Chapter 3  
 20. what does the "m" of  $E=mc^2$  equal Chapter 1  
 21. measure of gravitational pull Chapter 2  
 24. elements of group 1 Chapter 5  
 27. amount of space occupied Chapter 2  
 31. set of ideas to explain something Chapter 2