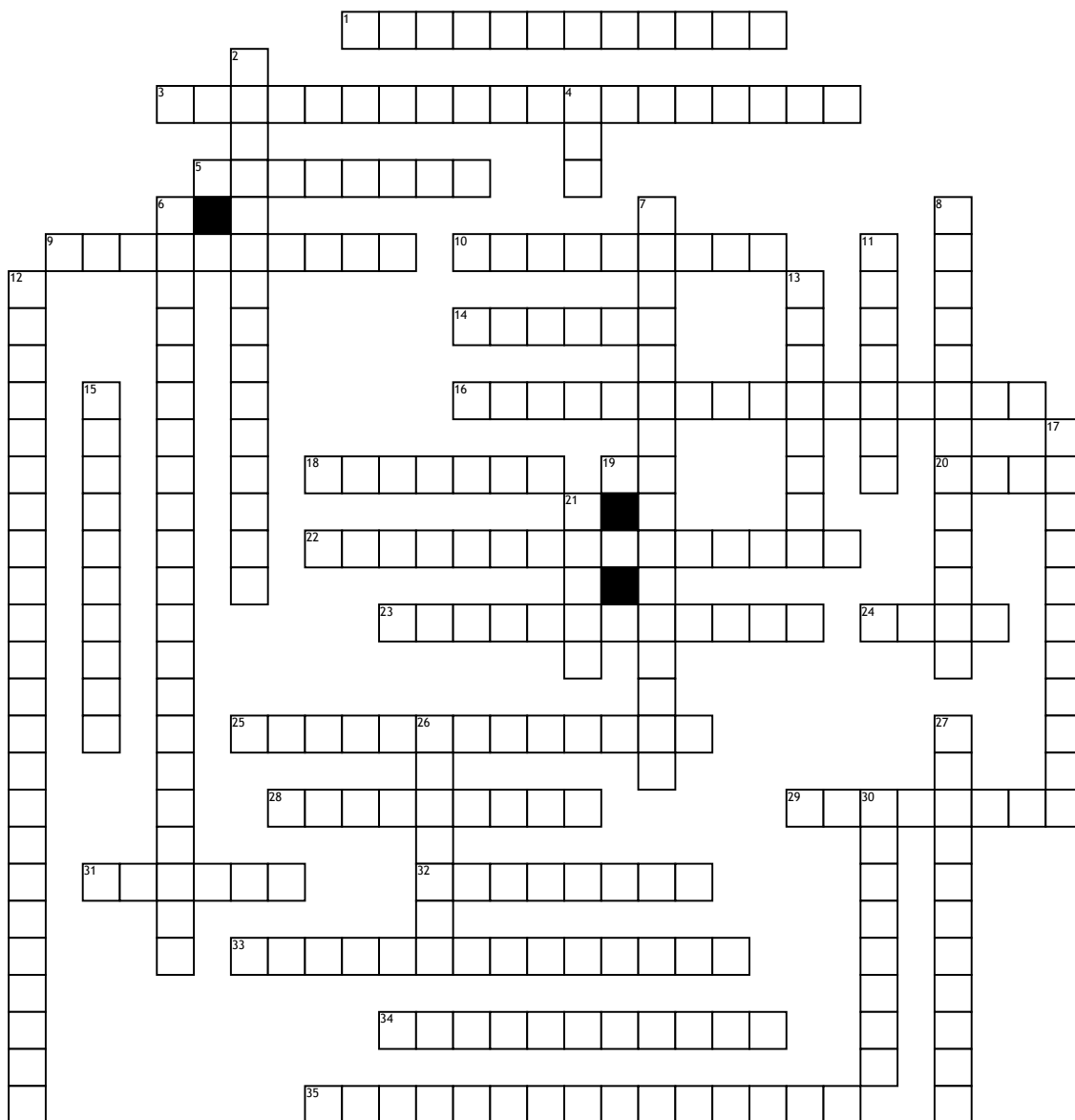


Name: _____

Date: _____

Chemistry Review Crossword



Across

1. number of protons in each atom of an element (3)
3. emission of electrons from metal when light is shined upon it (4)
5. Group 17 elements (5)
9. distance between corresponding points on adjacent waves (4)
10. rule where atoms must have 8 electrons in each orbital (6)
14. a particle of electromagnetic radiation containing a quantum of energy (4)
16. study of carbon-containing compounds (1)
18. minimum energy that can be lost or gained (4)
19. system of measurements used by scientists all around the world (2)
20. measure of the amount of matter (1)
22. $6.022140857 \times 10^{23}$ (3)

Down

23. group 1 elements (5)
24. smallest unit of matter (1)
25. arrangement of elements by their atomic number (5)
28. polyatomic ions containing oxygen (7)
29. how close measurements to the correct amount or answer (2)
31. gravitational pull of something (2)
32. atoms of the same element with different masses (3)
33. compound formed from two elements (7)
34. lowest energy state of an atom (4)
35. bonding from attraction between metals and surrounding electrons (6)

6. Mass of each element in a compound shown as a percent (7)
7. D-block elements that are metals (5)
8. ion formed from a single atom (7)
11. specific isotope of an element (3)
12. mass is neither created nor destroyed during reactions (3)
13. atoms held together by covalent bonds (6)
15. testable statement (2)
17. valence-shell, electron-pair. repulsion (6)
21. state of matter with definite shape and volume (1)
26. mass divided by volume (2)
27. sum of all atomic masses in a formula (7)
30. substance with definite composition (1)