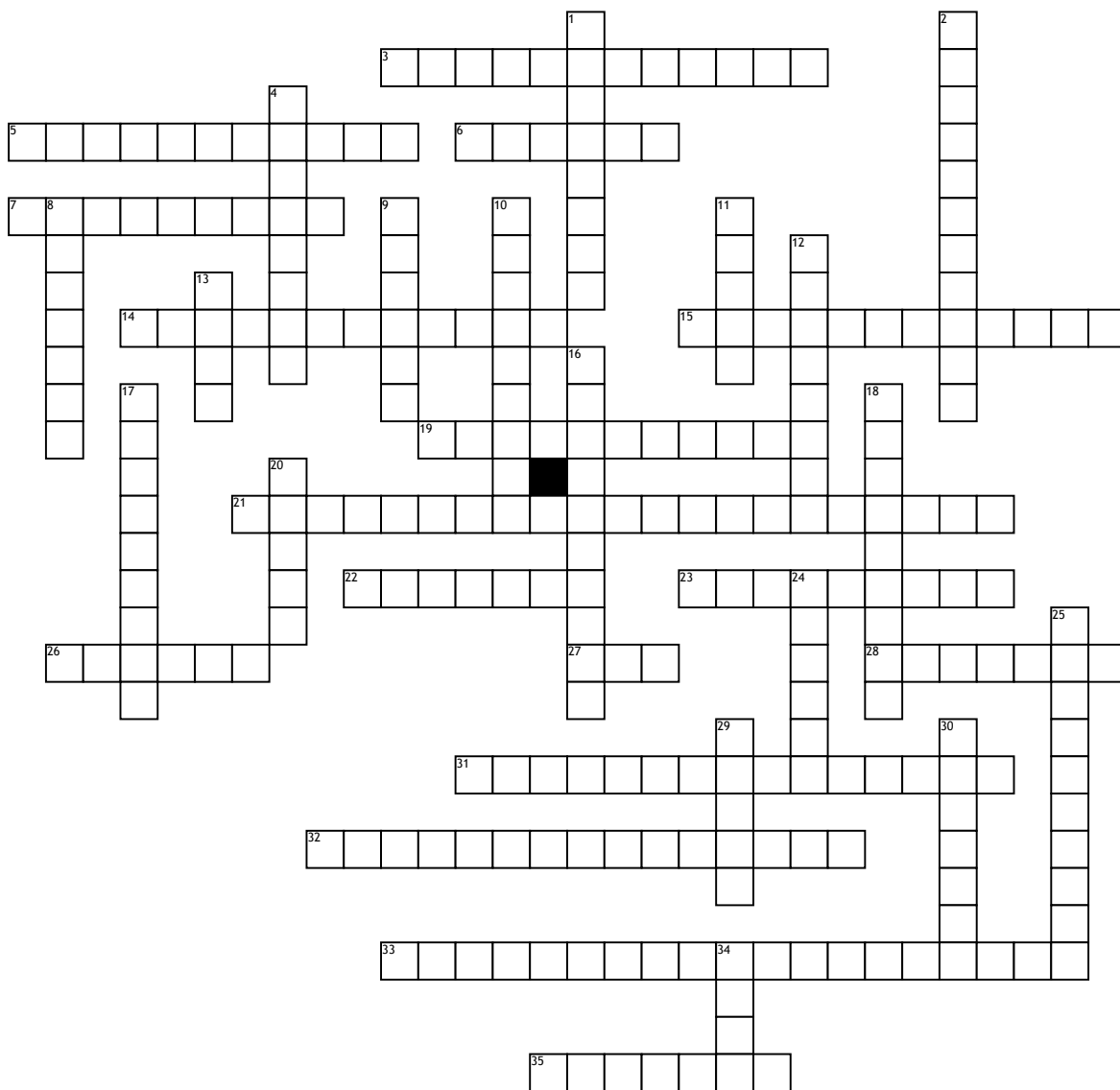


Chemistry SGM Review



Across

3. The naming system of binary compounds? (7)
 5. Mixtures that are uniform in composition? (1)
 6. Elements arranged vertically are called? (5)
 7. This formula contains the smallest possible whole numbers that describe the atomic ratio? (7)
 14. The number of protons of each atom of an element? (3)
 15. Ability of a substance to be hammered or beaten into thin sheets? (6)
 19. Lowest energy state of an atom? (4)
 21. The percentage mass of each element in a compound? (7)
 22. A general term for a specific isotope of an element? (3)
 23. Who arranged the periodic table in order of increasing atomic mass? (5)
 26. Compounds composed of two elements are known as? (7)
 27. Matter with indefinite volume and indefinite shape? (1)

28. Who proposed the plum pudding model? (3)

31. What is 6.022×10^{23} ? (3)
 32. According to this rule, an electron occupies the lowest energy orbital that can receive it? (4)
 33. A mathematical technique that allows you to use units to solve problems involving measurements? (2)
 35. Elements arranged horizontally are called? (5)

Down

1. The closeness of measurements to the correct or accepted value of the quantity measured? (2)
 2. What is non-numerical information called? (2)
 4. The chemical bonding that results from the attraction between metal atoms and the surrounding sea of electrons? (6)
 8. Who arranged the periodic table in order of increasing atomic number? (5)
 9. Matter with definite volume and indefinite shape? (1)

10. A graph of variables that are inversely proportional produces a curve called a(n)? (2)
 11. Bonds that have an uneven distribution of charge? (6)

12. The elements of Group 17 are called? (5)
 13. Who made a model for the hydrogen atom? (4)

16. Energy required to break a chemical bond and form neutral isolated atoms? (6)
 17. What type of things does physical science focus on? (1)

18. Ability of a substance to be drawn, pulled, or extruded through a small opening to produce a wire? (6)
 20. One wave/second is called a(n)? (4)

24. Who thought atoms were indivisible? (3)
 25. Group 18 elements are called? (4)

29. Matter with a definite volume and definite shape? (1)
 30. Mass divided by volume = ? (2)

34. A distinct type of molecular compound? (7)