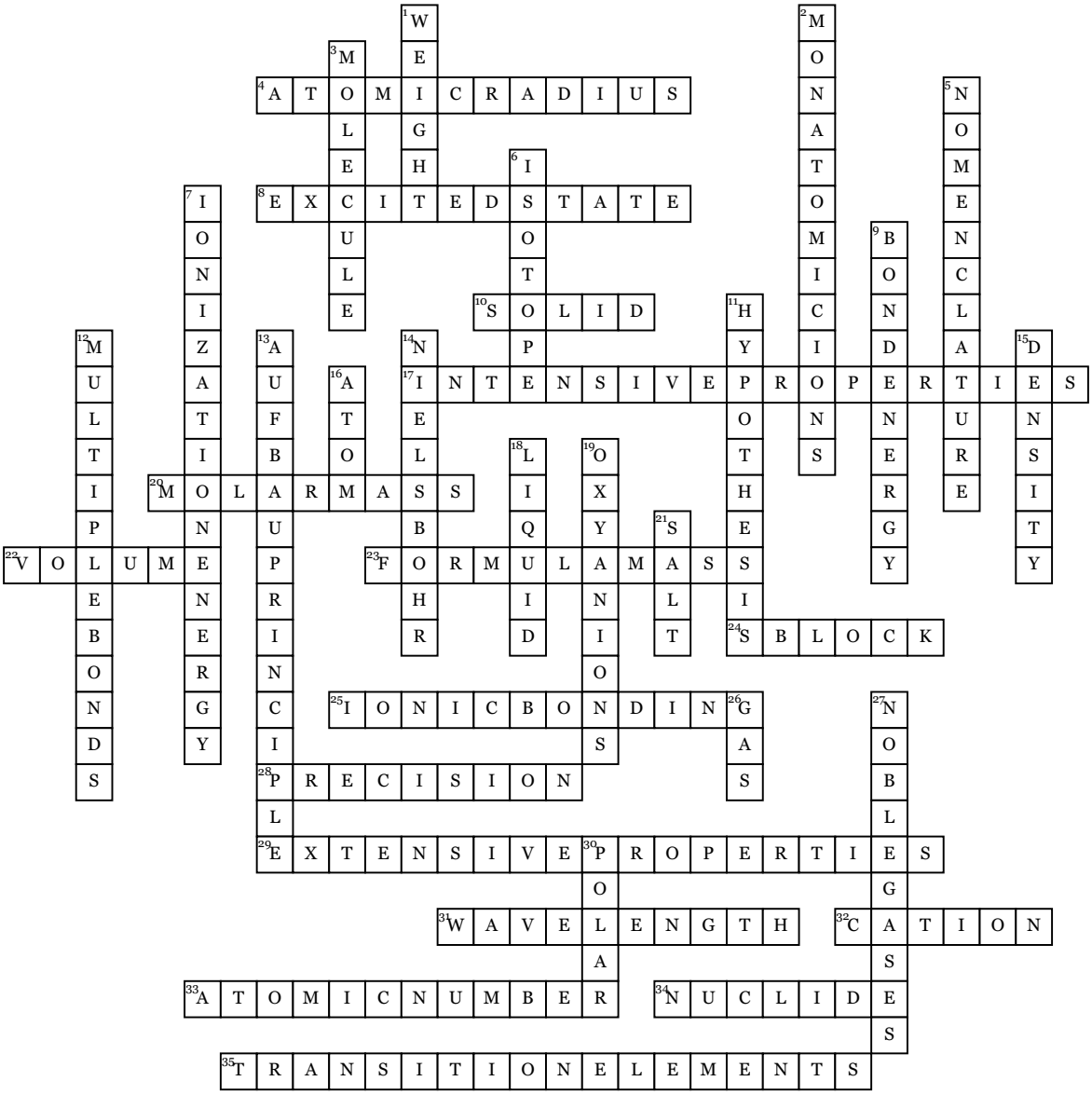
Name: _____ Date: _____

Chemistry Crossword Review Project



Across

4. 1/2 the distance between the nuclei of two identical bonded atoms (5)

8. an atom has higher potential energy than its ground state (4)

10. definite volume and shape (1)

17. do not depend on the amount of matter present (1)

20. mass of one mole of a pure substance (3)

22. amount of space occupied by an object (2)

23. sum of the average atomic masses of all atoms (7)

24. contains Group 1 and 2 elements (5)

25. chemical bonding form attraction between cations and anions (6)

28. closeness of a set of measurements (2)

29. depend on the amount of matter that is present (1)

31. distance between two points on adjacent waves (4)

32. a positive ion (5)

33. number of protons of each element of that atom (3)

34. general term for a specific isotope of an element (3)

35. The d-block elements are often referred to as the.. (5)

Down

1. measure of the gravitational pull on matter (2)

2. ions formed from a single atom (7)

3. neutral group of atoms held together by covalent bonds (6)

5. naming system of binary ionic compounds (7)

6. same element that have different masses (3)

7. any process that results in the formation of an ion (5)

9. energy required to break a chemical bond (6)

11. a testable statement (2)

12. multiple covalent bonds (6)

13. an electron occupies the lowest energy orbital that can recieve it (4)

14. solved hydrogen atom spectrum; Danish physicist (4)

15. ratio of mass to volume (2)

16. smallest particle of an element (3)

18. definite volume but an indefinite shape (1)

19. polyatomic ions that contain oxygen (7)

21. composed of a cation and the anion from an acid (7)

26. neither definite volume nor shape (1)

27. Group 18 elements; have no charge (4)

30. bond with an uneven distribution of charge (6)