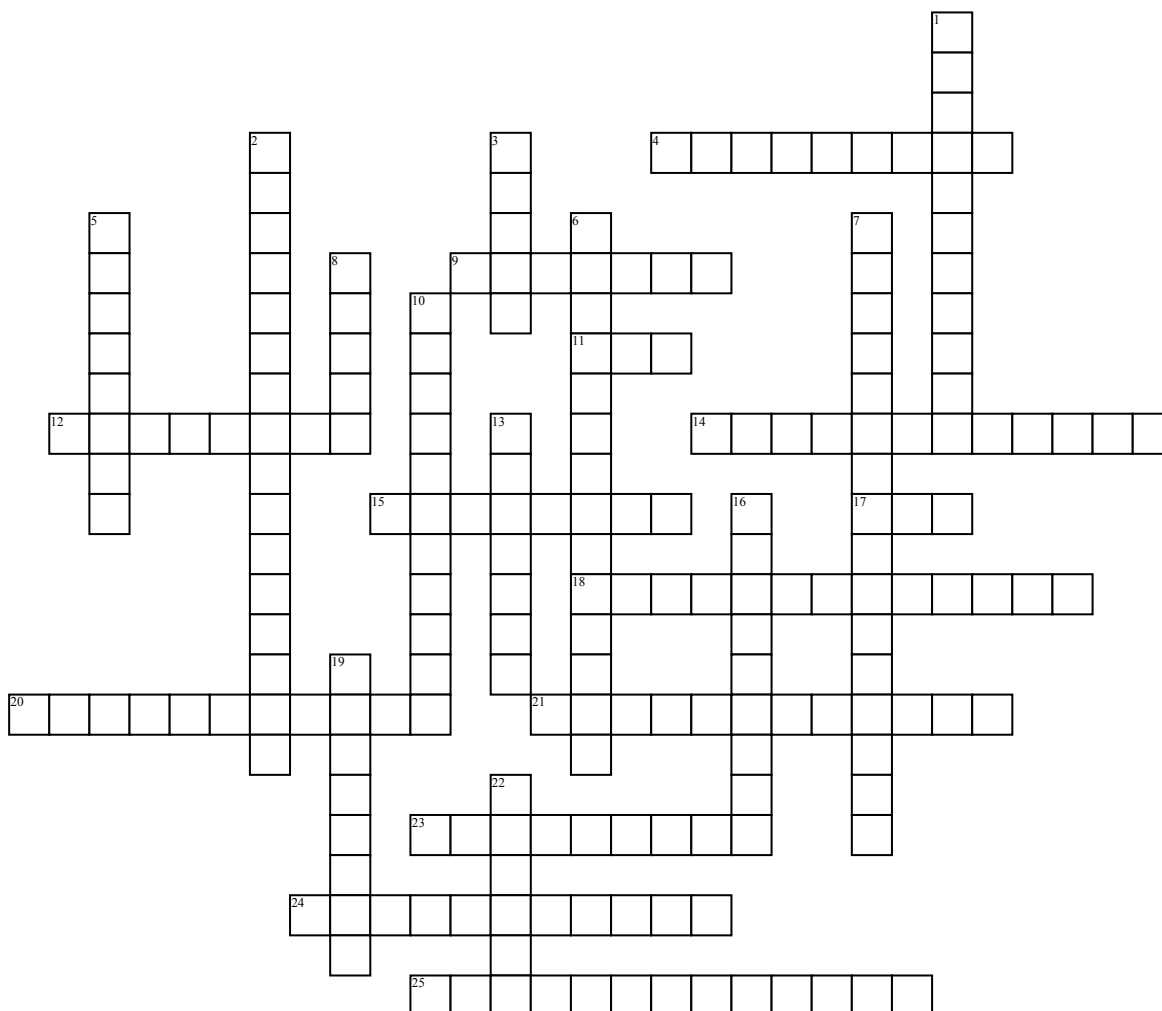


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Science Crossword



## Across

- 4. characteristics of both metals and non-metals
- 9. at the center of the atom (made up of protons and neutrons)
- 11. small mass measurement of protons neutrons and electrons
- 12. opposite characteristics of metals
- 14. determines element
- 15. very reactive with groups one and two
- 17. atom that gained or lost an electron
- 18. the probable location of electrons circling the nucleus

- 20. (inert) very stable, colorless and odorless

- 21. very reactive with group seventeen
- 23. negatively charged particles
- 24. atom with +1 electron
- 25. the process in which atoms produce energy, particles, and radiation

## Down

- 1. atom with -1 electron
- 2. unstable atoms becoming more stable
- 3. vertical groups on the periodic table
- 5. uncharged particles

- 6. reactive with group seventeen

- 7. good conductors
- 8. conductive, easily heated, shiny, form-able, solid at room temperature elements
- 10. rare earth metals
- 13. positively charged particles
- 16. all radioactive
- 19. atom of an element with a different number of neutrons as compared to protons
- 22. horizontal groups on the periodic table