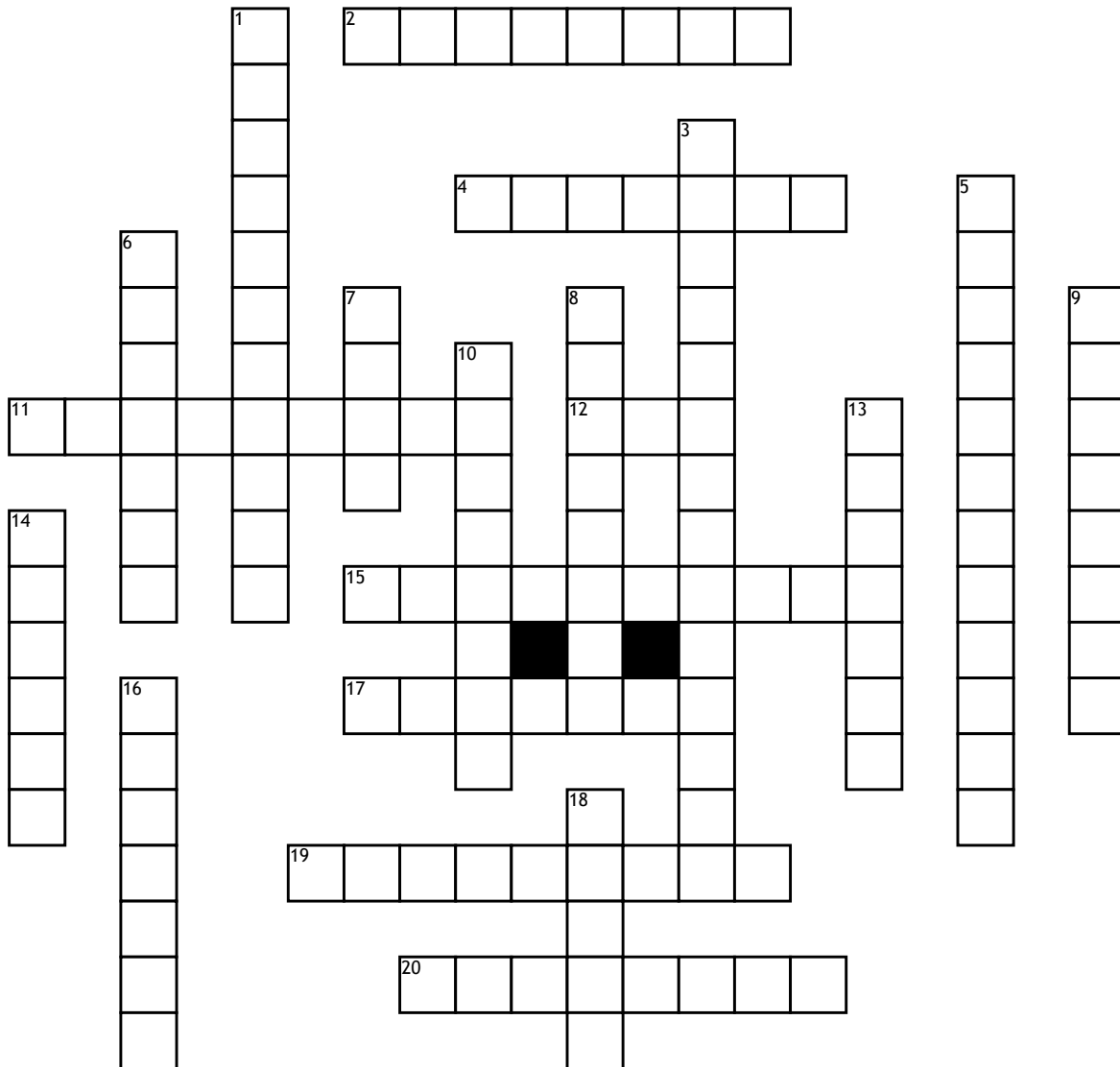


Name: _____

Date: _____

The Periodic Table of Elements Crossword



Across

- 2. where electrons are located
- 4. where protons and neutrons are located
- 11. these have a negative charge and weigh almost nothing
- 12. if the elements are written in green this is the form of how they were found
- 15. this is the unit of measurement you use when describing an atom's mass
- 17. pure substance that can't be broken down to any other substance
- 19. a model that shows how many protons, neutrons, and electrons there are

- 20. the charge of an atom with less electrons than protons

Down

- 1. these types of isotopes decay over time and emit radiation
- 3. this model shows the valence electrons
- 5. this number tells you how many protons there are
- 6. these electrons are found in the outermost layer of the atom
- 7. smallest particle of an element
- 8. the charge of an atom with more electrons than protons

- 9. these have a neutral charge and add or take away weight from an atom without changing the element
- 10. atoms with more or less neutrons to change the mass
- 13. the charge of an atom with the same number of electrons and protons
- 14. if the elements are written in red this is the form of how they were found
- 16. there is a unique number of these for each element and their charge is positive
- 18. if the elements are written in black this is the form of how they were found