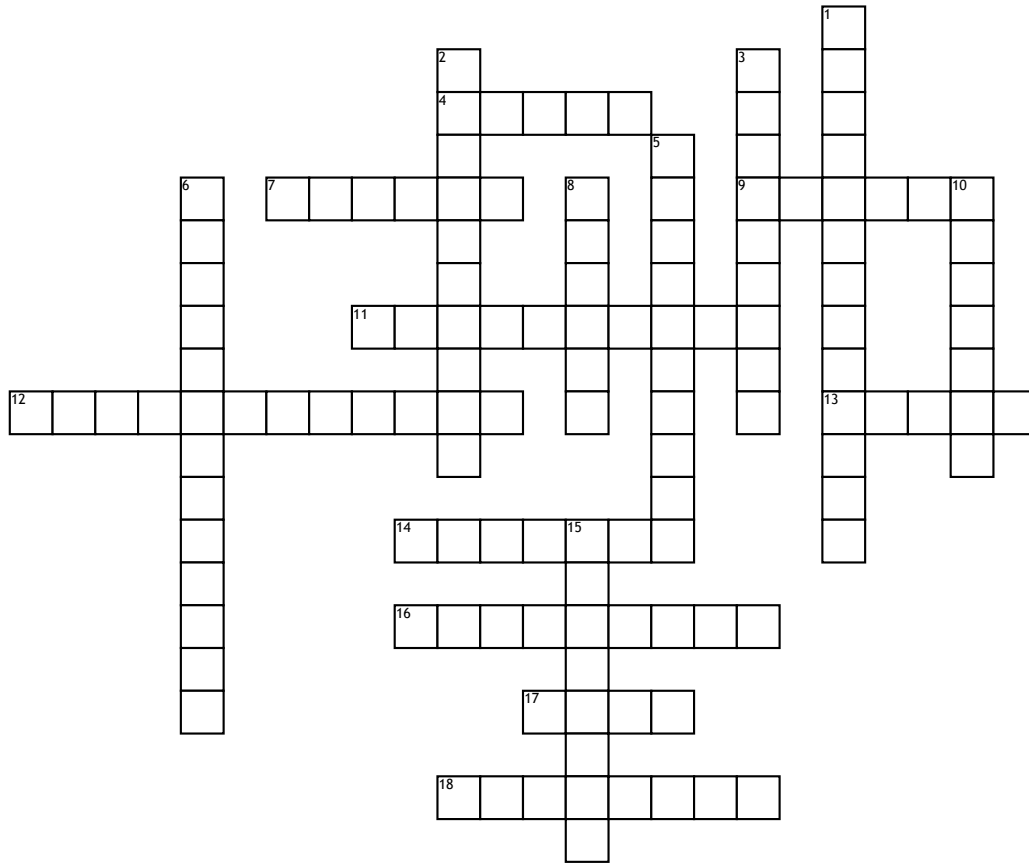


Name: _____

Date: _____

Atoms and The Periodic Table



Across

- 4. The rule that no outer shell hold more than eight electrons
- 7. Metals that are soft shiny and stored in Mineral Oil, Kerosene or Argon Gas
- 9. Has a positive charge
- 11. The _____ elements form a transitioning bridge between the two sides of the Main Group

- 12. Elements are organized by their protons or _____
- 13. A negatively charged ion
- 14. The center of an atom
- 16. Father of the Periodic Table
- 17. The basic unit of a chemical element
- 18. Salt producing elements

Down

- 1. The _____ is a chart that lists all known elements

- 2. Quiet and reserved elements
- 3. Father of Quantum Mechanics
- 5. Protons + Neutrons = ???
- 6. Metals that have a much higher melting temperature and are a bit more stable
- 8. A positively charged ion
- 10. Has a neutral charge
- 15. Has a negative charge

Word Bank

- | | | | | |
|------------|---------------|------------|---------------|-----------|
| ATOM | ANION | CATION | PERIODICTABLE | ELECTRON |
| HALOGENS | PROTON | NOBLEGASES | NEUTRON | NUCLEUS |
| MENDELEEV | OCTET | TRANSITION | ATOMICNUMBER | MAXPLANCK |
| ATOMICMASS | ALKALINEEARTH | ALKALI | | |