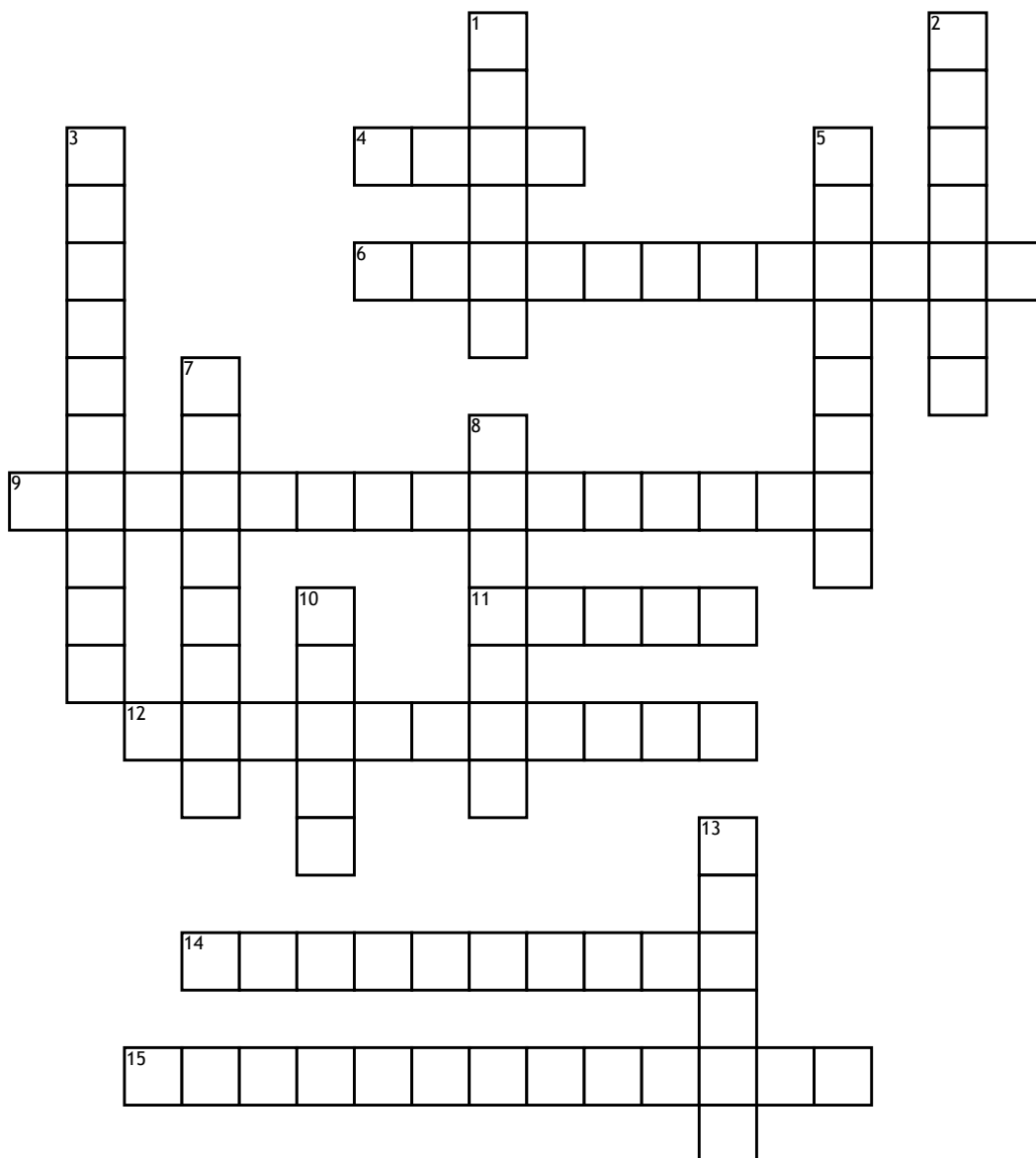


Name: _____

Date: _____

Matter Vocabulary



Across

4. the basic unit of a chemical element
 6. the number of protons in the nucleus of an atom
 9. an outer shell electron that is associated with an atom
 11. an element that readily forms positive ions (cations) and has metallic bonds
 12. a solid, liquid, or gaseous mixture that has the same proportions of its components throughout any given sample

14. the total number of protons and neutrons in a nucleus
 15. a solid, liquid, or gaseous mixture that has the same proportions of its components throughout any given sample

Down

1. the positive particle in the atom
 2. the middle of an atom that contains protons and neutrons
 3. helium, neon, argon, krypton, xenon, and radon

5. a thing that is composed of two or more separate elements chemically put together
 7. the negative particle in an atom
 8. there are 118 of these
 10. a vertical column in the Periodic Table
 13. the name given to a horizontal row of the periodic table