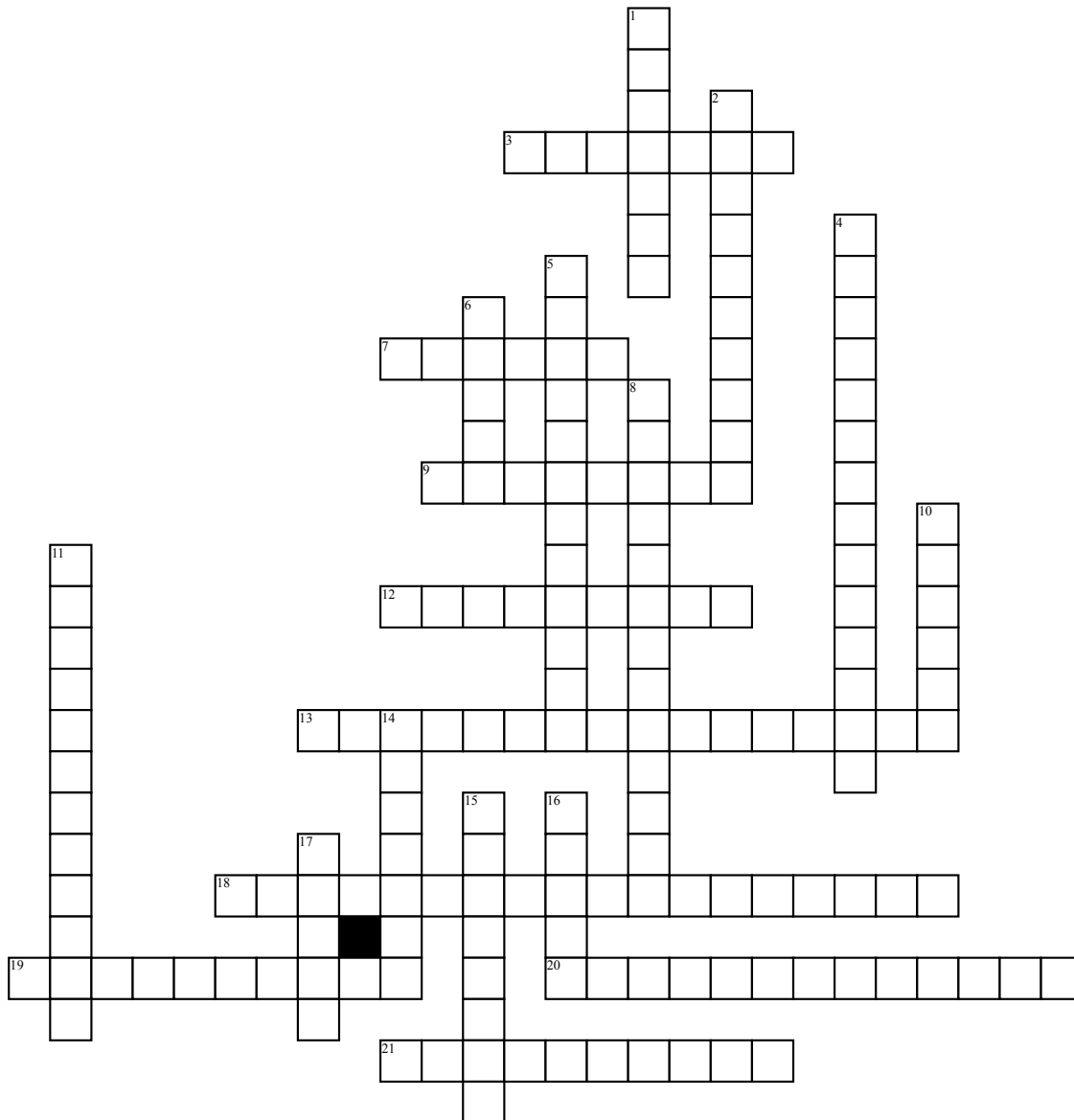


Name: _____

Date: _____

Matter



Across

3. the part of the atom that has no charge
 7. the part of the atom that is positively charged
 9. the part of the atom that moves randomly around the Nucleus
 12. The 1913 model of the atom called
 13. Who Modeled the 1911 Model of the atom?
 18. The newest model of the atom
 19. The average mass of all the isotopes of an element is
 20. A chart that gives you information about the elements.

21. The ease and speed at which an element reacts

Down

1. A material that can be pulled out into a long wire
 2. Who came up with the idea of the atom and that it was shaped like a round ball
 4. One or two letter representation of an element
 5. The number of protons, electrons or _____ are the same number.
 6. A mental picture or image that explains something in science

8. A chart that gives you information about the elements.

10. A horizontal row of elements in the periodic table
 11. Ability to transfer heat or electricity to another object
 14. the part of the atom that protons and neutrons are located
 15. Who designed the model of the atom that was made in 1897 and looks like a chocolate chip cookie?
 16. Elements in the same vertical column of the periodic table
 17. Elements classed by shininess, malleability, ductility, and conductivity