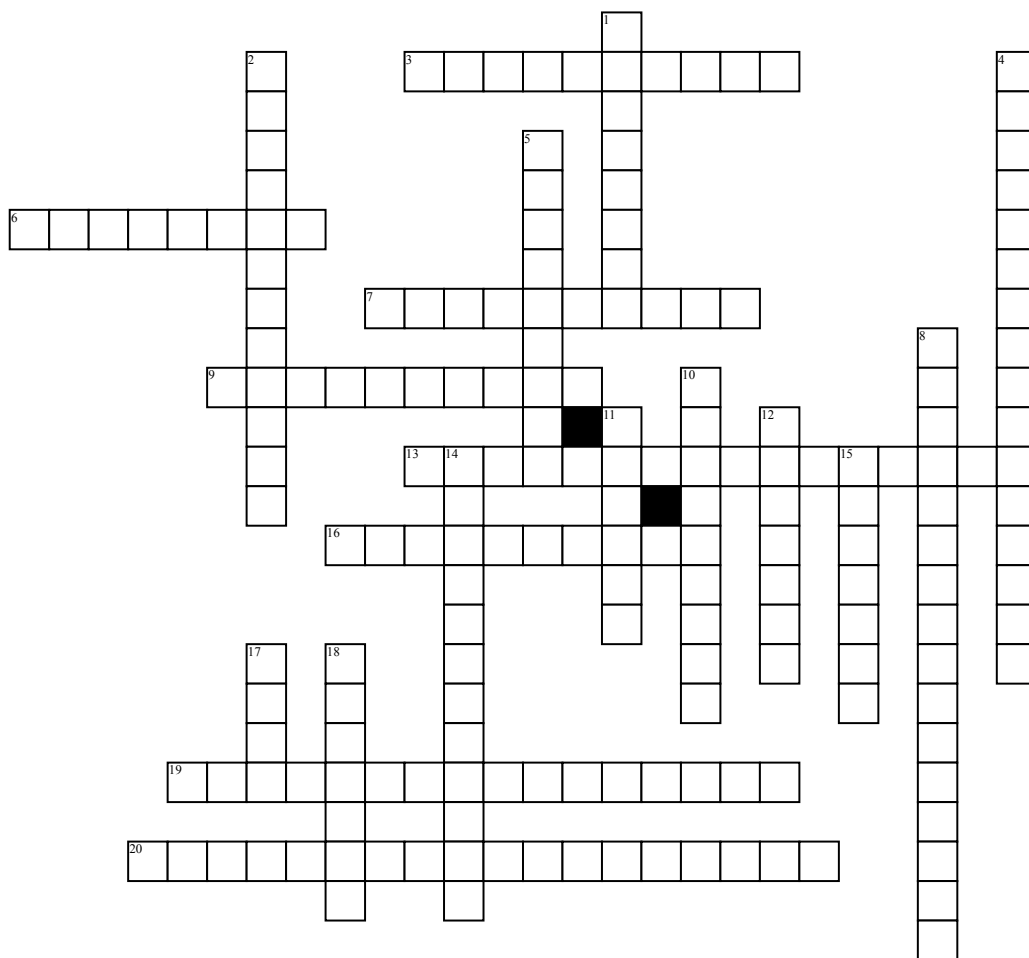


Name: _____ Date: _____ Period: _____

Unit 2 Vocabulary



Across

3. Confirmed that all matter is composed of atoms
 6. Negatively charged particle
 7. A beam of electrons emitted from the cathode of a high-vacuum tube
 9. The mass of an atom
 13. Famous for his uncertainty principle
 16. Introduced the idea of atoms
 19. Created the first periodic table

20. Experiment done by Ernest Rutherford

Down

1. In a certain amount of time the element cuts in half
 2. A version of an element that is unstable
 4. Model made by J.J. Thomson
 5. Discovered the electron
 8. Discovered the proton
 10. Created the Bohr Model
 11. Positively charged particle

12. Elements that have the same number of protons but different number of neutrons

14. Determines the amount of protons and the placement of the element on the periodic table
 15. The brain of an atom, holds the protons and neutrons
 17. Smallest unit of matter
 18. Particle with no charge

Word Bank

Niels Bohr	Proton	Neutron	Radioisotope	Atom
Democritus	Atomic Mass	John Dalton	Half-Life	Dimitri Mendeleev
Plum pudding model	Atomic Number	Nucleus	Gold foil experiment	Ernest Rutherford
Electron	J.J. Thomson	Isotope	Cathode Ray	Warner Heisenberg