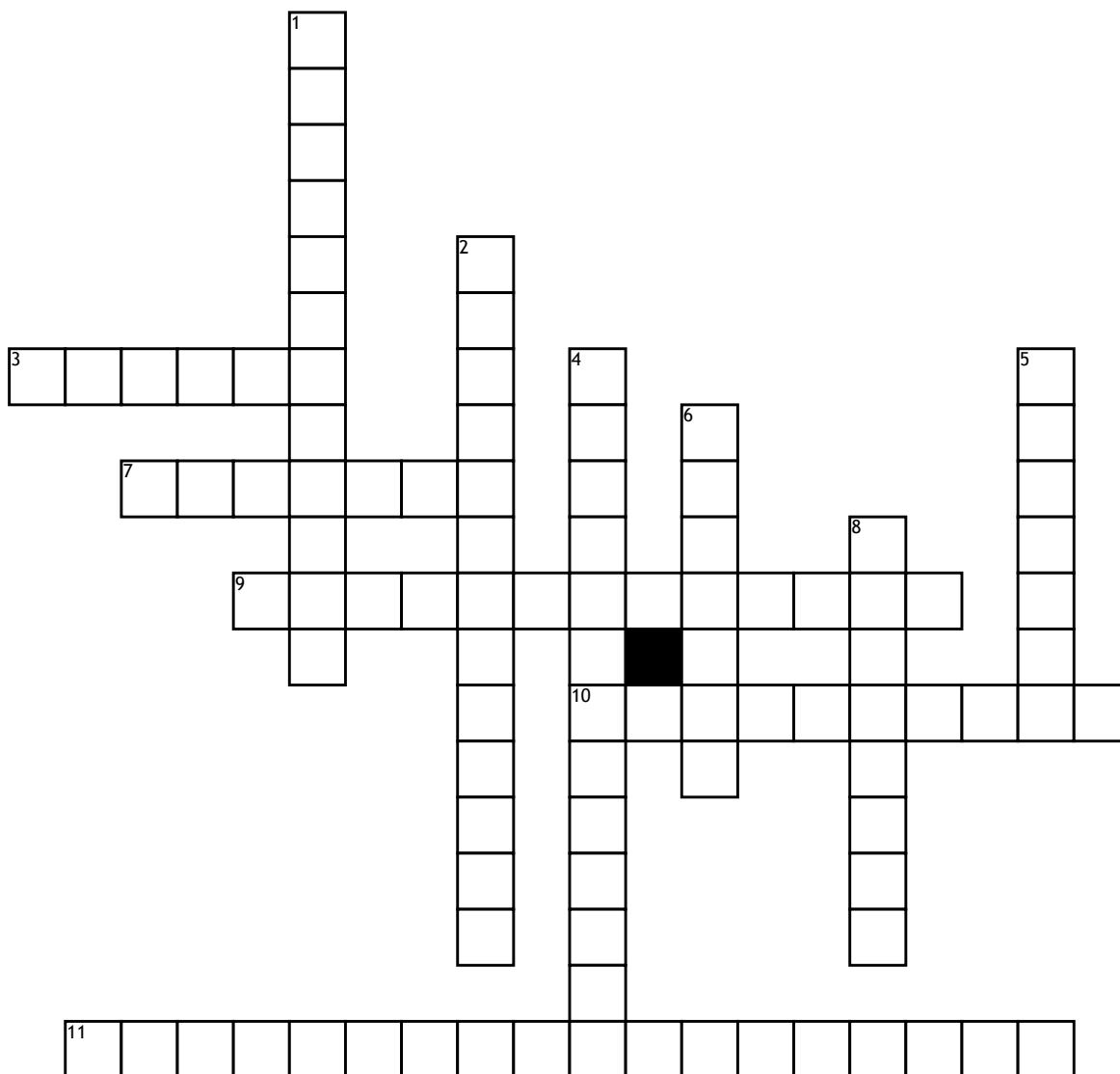


Name: _____ Date: _____ Period: _____

Atoms and elements Cross word



Across

- 3. A particle in the nucleus that is positively charged
- 7. one of a hundred or so pure substances that cannot be broken down into simpler substances
- 9. The arrangement of elements on a table based on their atomic number
- 10. The average of the masses the neutrally occurring isotopes in element
- 11. Particles, like protons, neutrons, and electrons that are smaller than atoms

Down

- 1. The number of protons in an element
- 2. Regions inside the Atom where electrons are likely to be found. This model developed by Schrodinger, is called Quantum Theory
- 4. A column on the periodic table, also called a family containing elements with the same number of Valence electrons
- 5. A tiny, dense positively charged region in the center of an Atom
- 6. A particle in the nucleus with a neutral, or no charge
- 8. The negatively charged particle in the electron cloud.