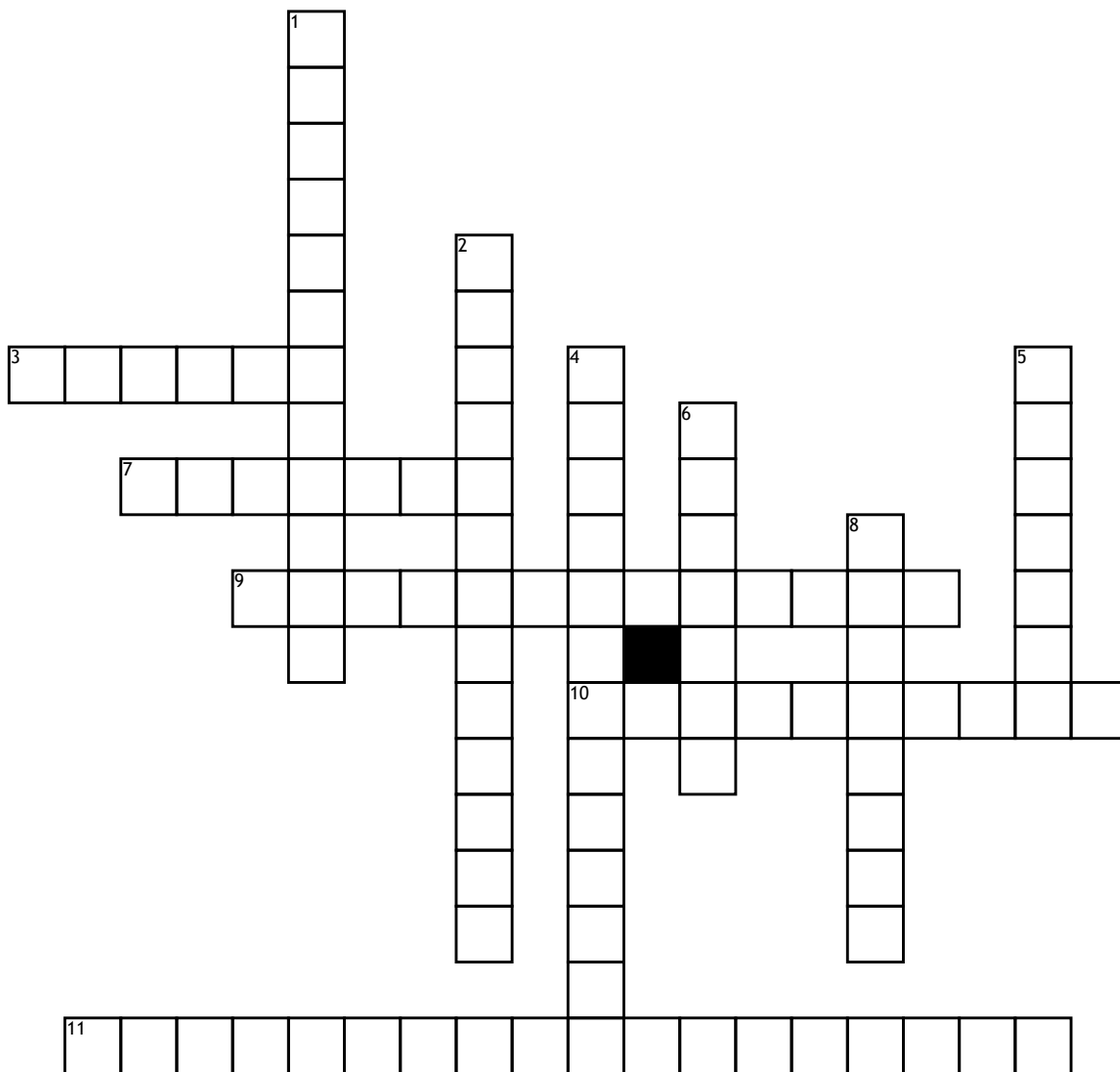


# Atoms and elements Cross word



## 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.