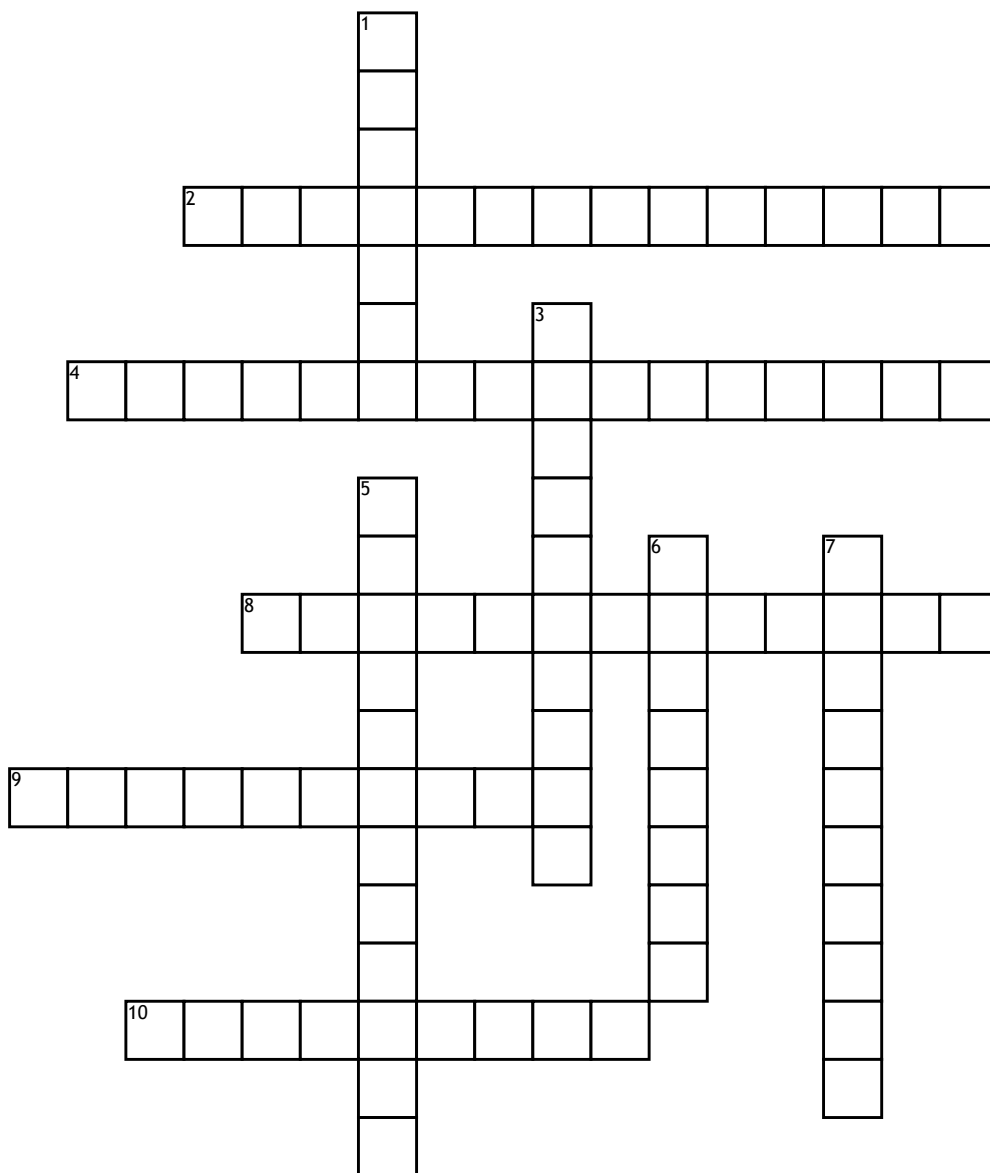


# Atom & Element Crossword



## Across

2. An abbreviated one or two letter symbol, used to write an element's name, beginning with a capital letter.
4. The scientists who worked with Thomson and added the nucleus to the modern model of the atom, using gold foil experiment.
8. A column on the periodic table, also called a family, containing elements with the same number of valence electrons
9. The Greek scientist who named the atom, "atomos" meaning indivisible.
10. The scientists who discovered negatively charged particles (electrons), using Cathode Ray tube experiment

## Down

1. One of a hundred or so pure substances that cannot be broken down into simpler substances
3. The amount of the masses of the naturally occurring isotopes in an element
5. Regions inside the atom where electrons are likely to be found.
6. The negatively charged particle in the electron cloud
7. The scientist who started the modern atomic theory and confirmed Democritus' model of the indivisible atom