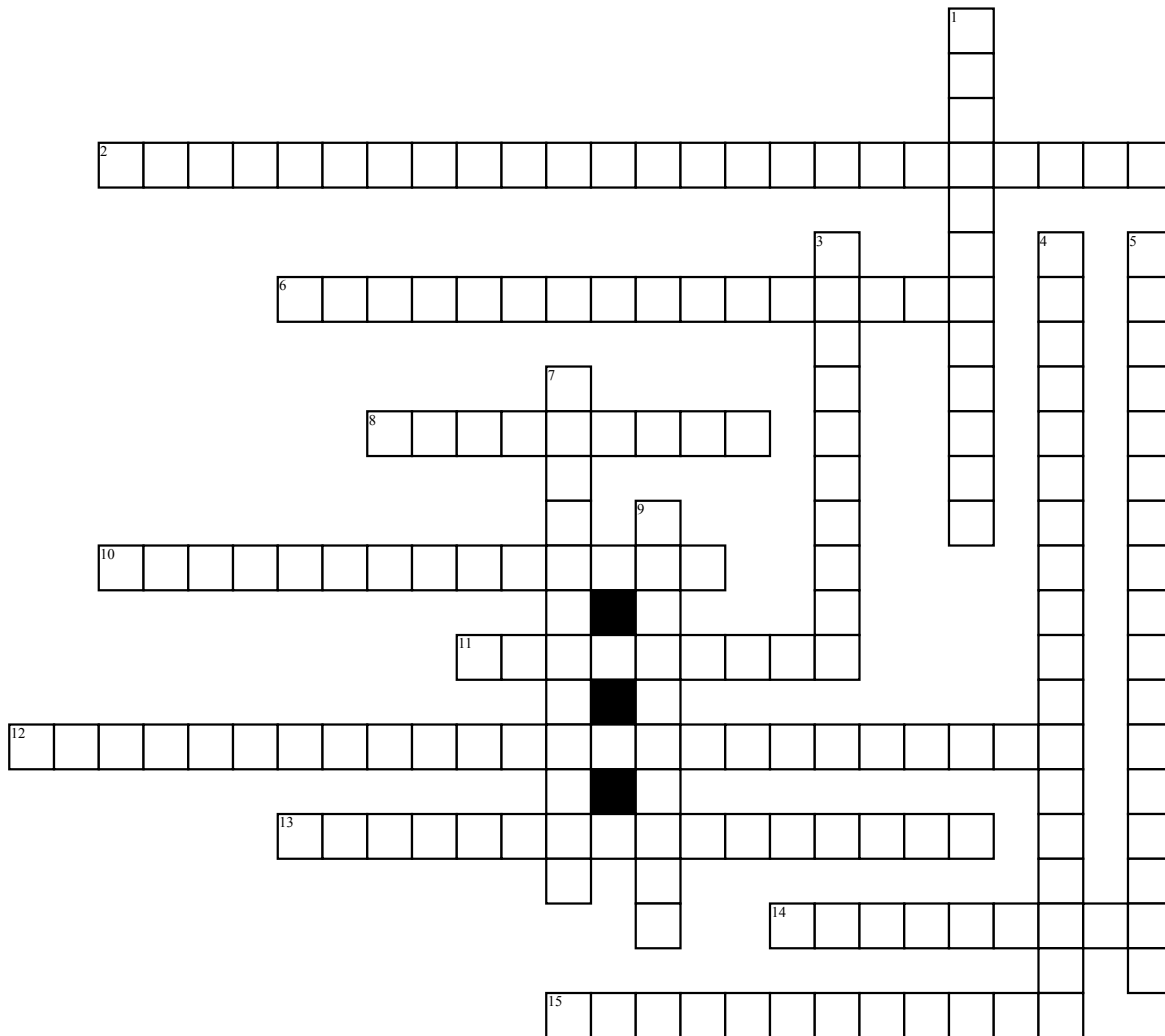


# Xander's Atom History



## Across

- 2.** states that a given chemical compound always contains its component elements in fixed ratio
- 6.** Electrons were in a space and surrounding a center mass
- 8.** Believed that there were only four elements
- 10.** Model of atom that concludes that electrons move in a directed way outside of the nucleus
- 11.** Discovered a negative particle called the electron

- 12.** statement that when two elements combine with each other to form more than one compound, the weights of one element that combine with a fixed weight of the other are in a ratio of small whole numbers.
- 13.** Created the gold foil experiment
- 14.** Created the planetary model
- 15.** Theory that says matter is made of tiny particles that can't be subdivided

## Down

- 1.** describes the wave-like behavior of either one electron or a pair of electrons in an atom.
- 3.** Developed the Atomic Theory
- 4.** Matter Consist of fire, wind, earth, and water
- 5.** Explains that electrons move in a space not a path
- 7.** The idea that matter can be divisible until a certain, specific point
- 9.** Created the Atomos Theory