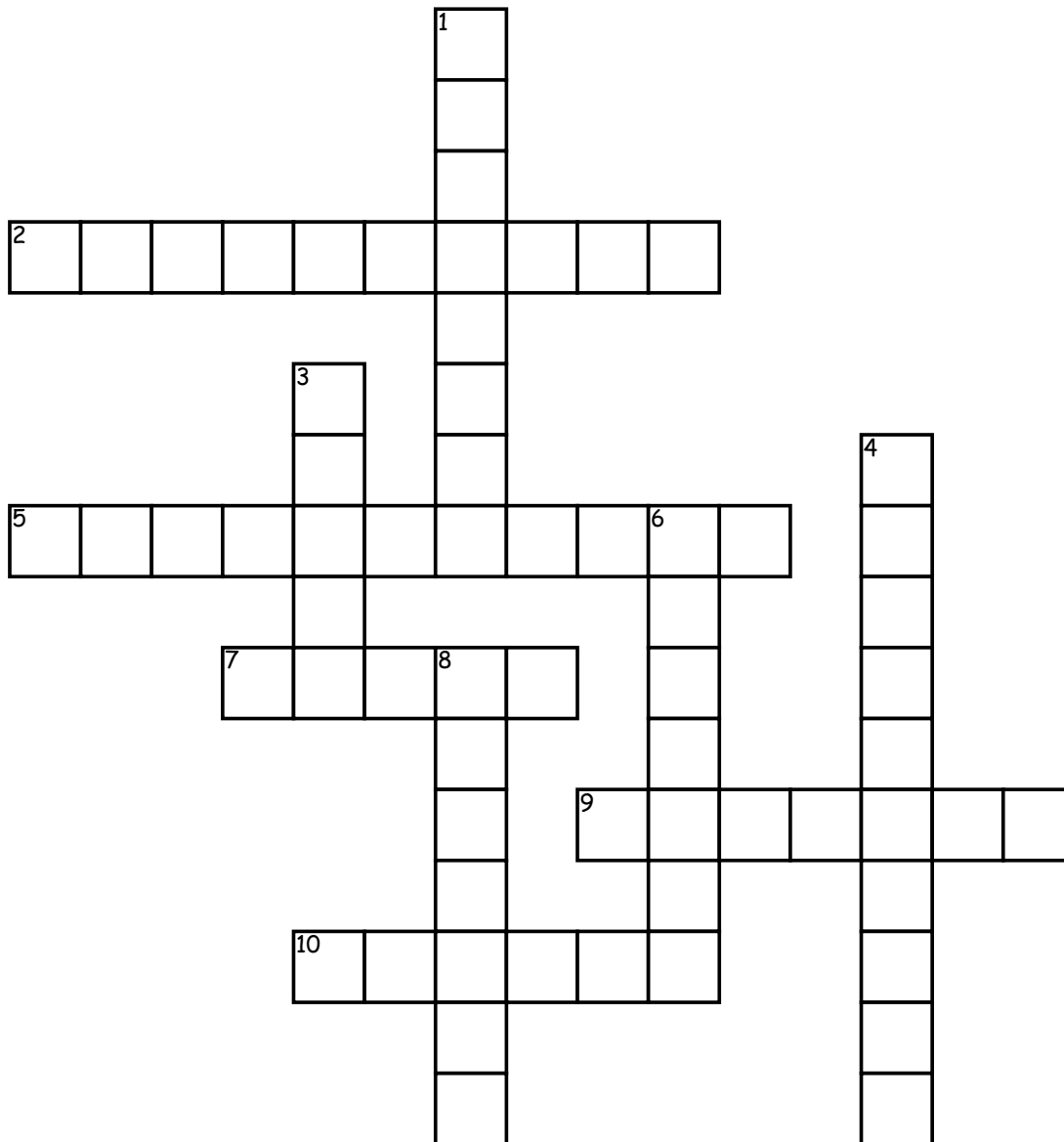


# History of the Atom



## Across

2. Rutherford concluded that the atom was mostly made up of (2 words)
5. What previous model of the atom did Rutherford's experiment disprove?
7. Aristotle thought everything was made up of the four elements: Earth, Fire, Air and...
9. Neutral sub-atomic particles which exist in the nucleus
10. Bohr came up with the theory that electrons are arranged in .....

## Down

1. A substance made up of two or more elements chemically joined
3. Positively charged particles which were fired at a sheet of gold foil in Rutherford's experiment
4. Person who first philosophised that everything is made up of atoms
6. The positively charged centre of the atom
8. a substance made up entirely of only one type of atom