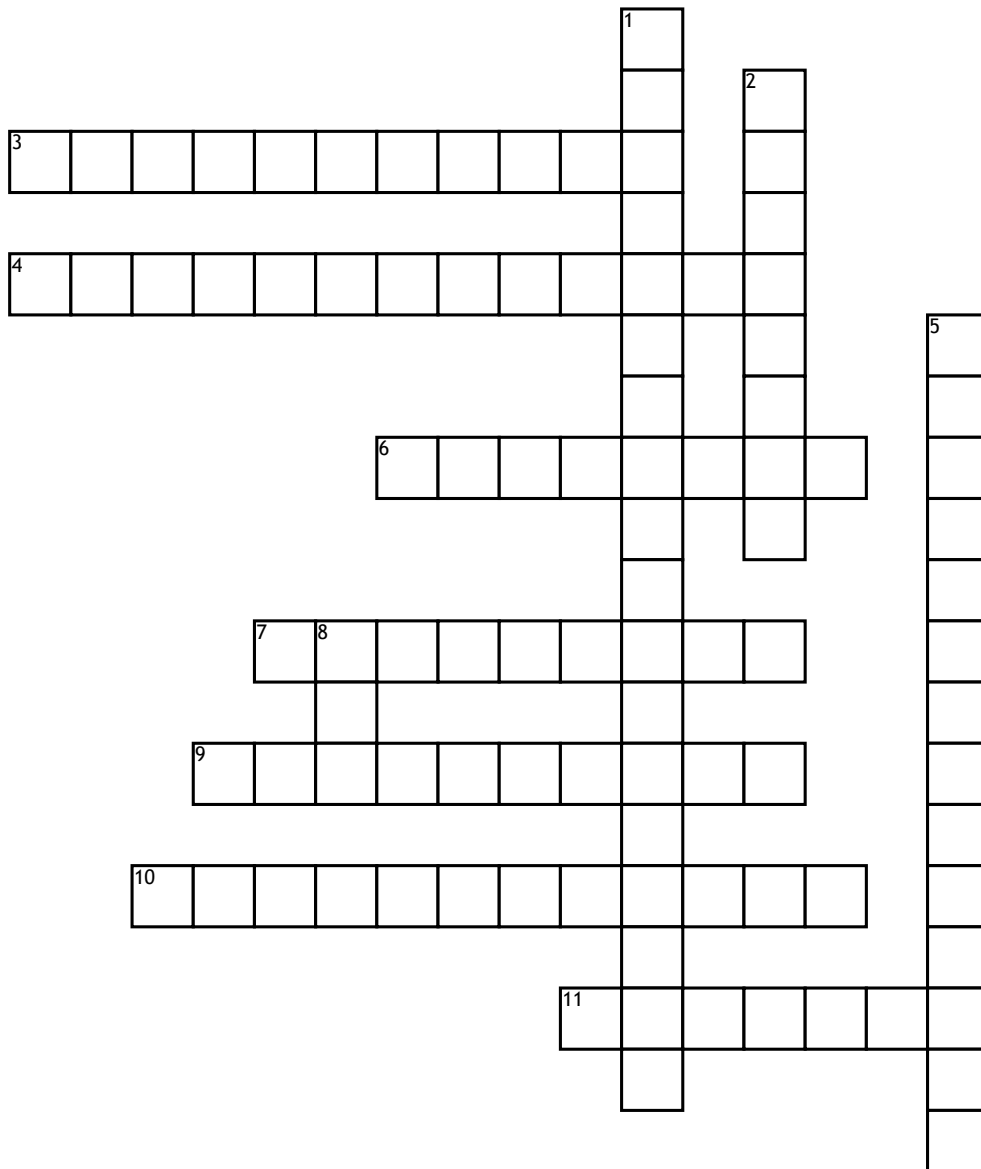


Atomic Theory



Across

3. The definite amount of energy an electron in an atom can have
4. Areas around the nucleus of an atom in which there is a high chance of finding an electron
6. Each energy level is divided into entities of equal energy
7. The danish scientist who contributed to the development of atomic theory
9. This is the smallest amount of energy need to remove the outermost electron from an atom

10. The amount of protons in the nucleus of an atom

11. Atoms of the same element with different mass numbers

Down

1. The mass of an atom compared one twelfth the mass of the carbon-12 isotope
2. Spin quantum number
5. These numbers describe the position of an electron in an atom
8. A charged atom