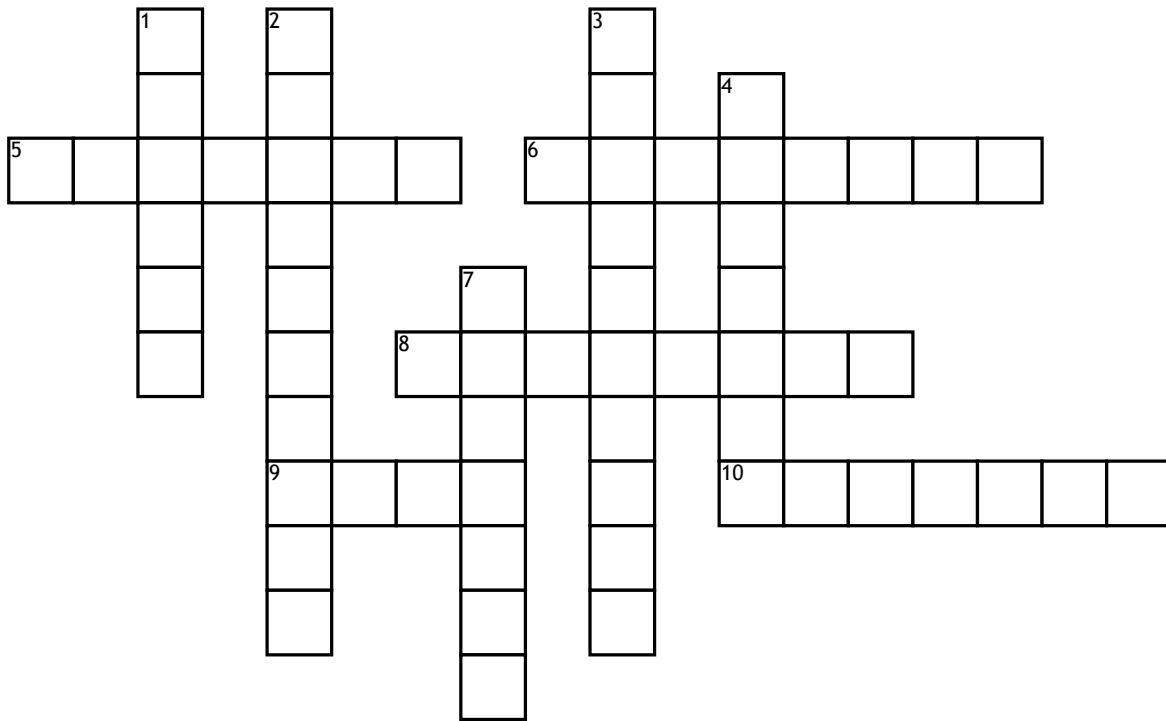


Atoms and Molecules



Across

5. A chemical element that has a different number of neutrons.
6. The smallest unit of a compound; it is made of atoms.
8. Tiny negatively charged particles that orbit the nucleus.
9. The smallest unit of a chemical element.
10. The center of an atom, made of protons and neutrons.

Down

1. A positively charged particle in a nucleus.
2. The sum of the masses of all of the atoms in a molecule.
3. The number of protons and neutrons in an atom.
4. A neutral particle in the nucleus of an atom.
7. Pure chemical substance that cannot be broken down into other types of substances; consists of one type of atom.