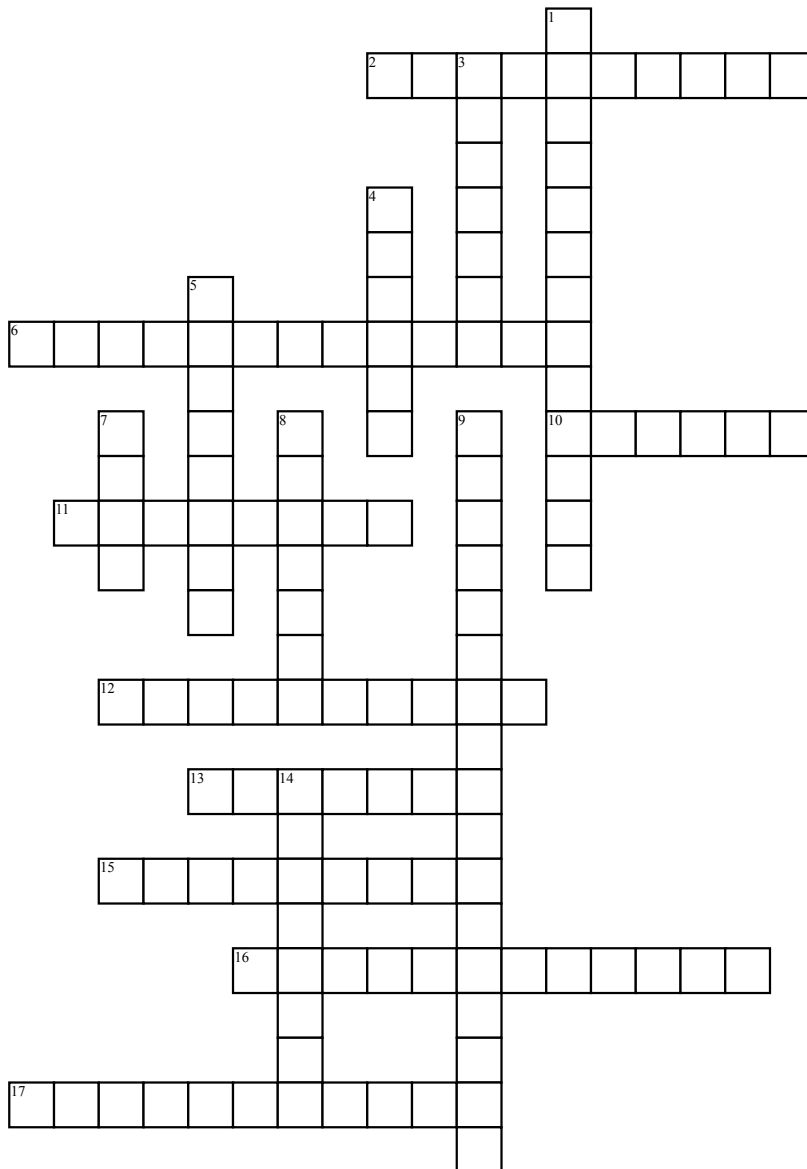


Atomic Structure Vocabulary



Across

2. Said atoms are mostly empty space (last name only).
 6. This type of matter has a fixed composition and cannot be separated physically.
 10. What is the mass number of an atom with 5 protons, 5 electrons, and 6 neutrons?
 11. Two or more elements chemically combined.
 12. The sum of the number of protons and neutrons in an atom.

13. Oxygen is an example of what classification of matter?
 15. This element has an atomic number of 12.
 16. The number of protons in the nucleus of an atom.
 17. This type of mixture appears uniform in composition.

Down

1. A fruit salad would be an example of this type of mixture.
 3. Discovered the electron and came up with the Plum Pudding Model of the atom (last name only).

4. A subatomic particle in an atom's nucleus that has a positive charge.
 5. Atoms of the same element with different numbers of neutrons.
 7. The smallest unit of matter.
 8. A subatomic particle that has no charge and that is found in the nucleus of an atom.
 9. A weighted average of the mass numbers of the isotopes of an element. Found on the periodic table.
 14. A subatomic particle that has a negative charge.