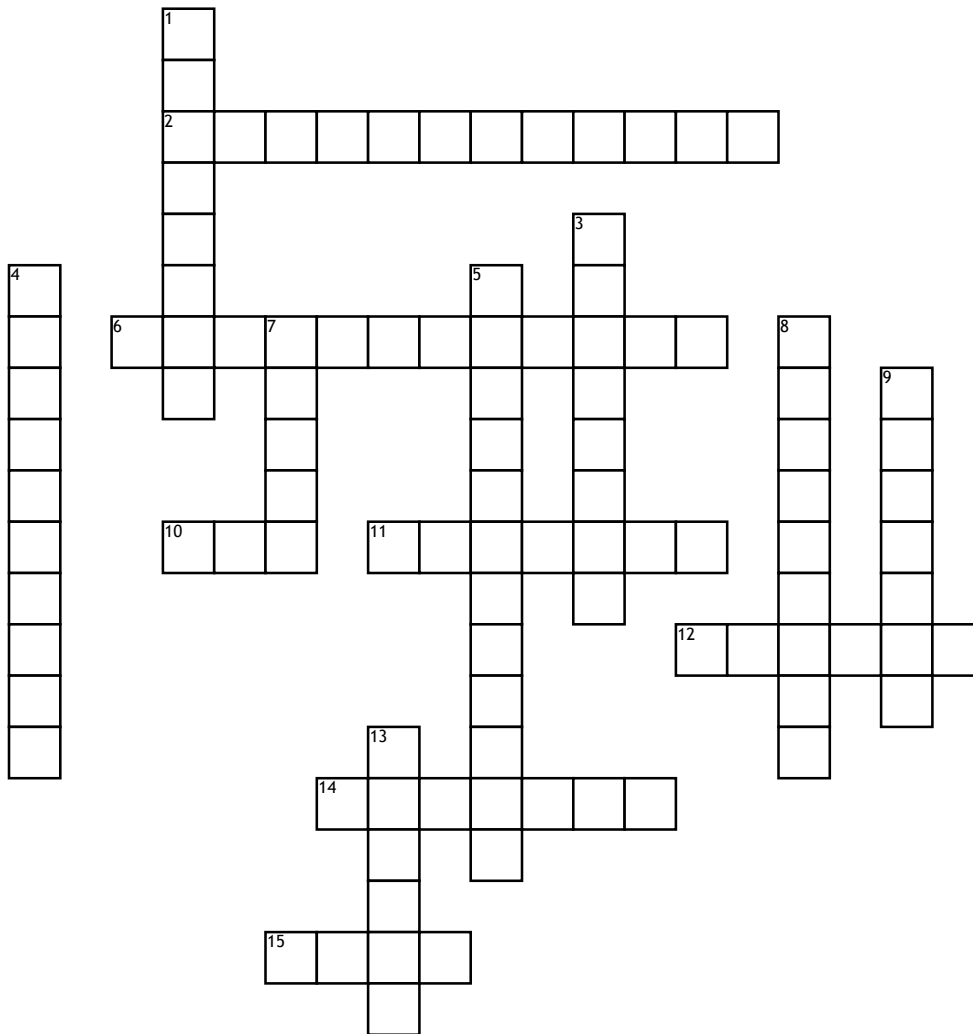


Chemistry Crossword



Across

2. Areas around a nucleus that contain electrons

6. Bond between ions that is caused by the SHARING of electrons

10. Atom that has lost or gained an electron

11. Center of the Atom

12. Subatomic particle with a positive charge.

14. Electrons in the outermost shell

15. Smallest part of an element, made up of protons electrons and neutrons

Down

1. subatomic particle with negative charge, found inside the energy levels of an tom

3. Atoms of the SAME element with different numbers of electrons

4. Total number of protons and neutrons in an atom

5. Total number of protons and electrons in an atom

7. An ion that has gained an electron, giving it a negative charge

8. Bond between two ions that is the result of the TRANSFER of electrons

9. Subatomic particle found in the nucleus, no charge

13. An Ion that has lost an electron, making it have a positive charge.

Word Bank

- | | | | | |
|---------------|---------------|-------------|---------------|----------|
| Ionic Bond | Ion | neutron | Valence | Proton |
| Anion | energy levels | nucleus | Atom | Electron |
| Atomic Number | Isotopes | Atomic Mass | Covalent Bond | Cation |