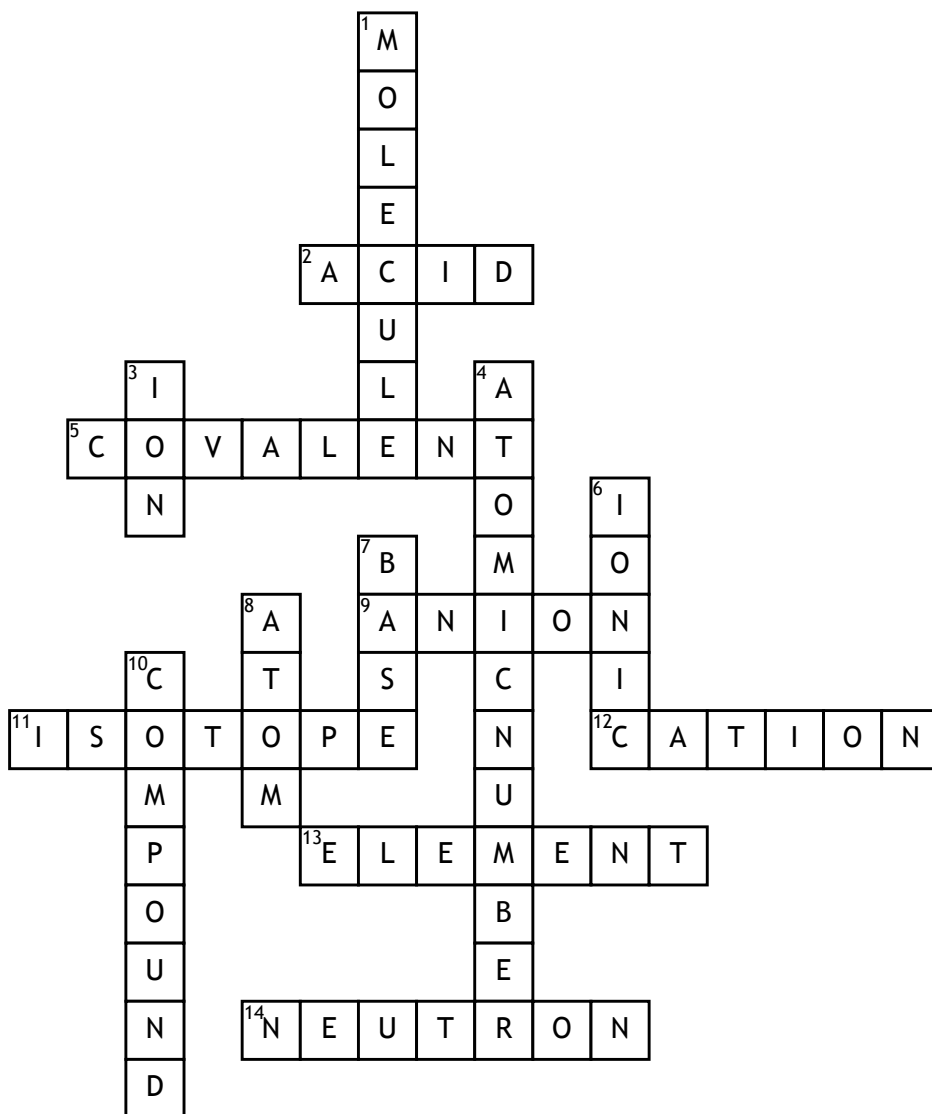


Basic Chemistry



Across

2. A chemical substance that releases hydrogen ions when dissolved in water
 5. A chemical bond that forms between two atoms when those atoms share electrons
 9. Negatively charged atom
 11. Atoms of the same element that have the same number of protons, but different numbers of neutrons
 12. Positively charged atom

13. Substances that cannot be broken down into simpler substances by ordinary chemical methods; composed of atoms that have the same atomic number

14. Uncharged subatomic particles, forming part of an atom

Down

1. Formed when atoms combine chemically
 3. An electrically charged atom or group of atoms formed by the loss or gain of one or more electrons; an atom that is either positively or negatively charged

4. A number that is characteristic of a chemical element and represents the number of protons in the nucleus

6. A chemical bond that holds together ions with opposite charges

7. A chemical substance that binds with hydrogen ions in water

8. The smallest particle of an element that retains the properties of the element

10. A substance composed of two or more elements that are chemically bonded together