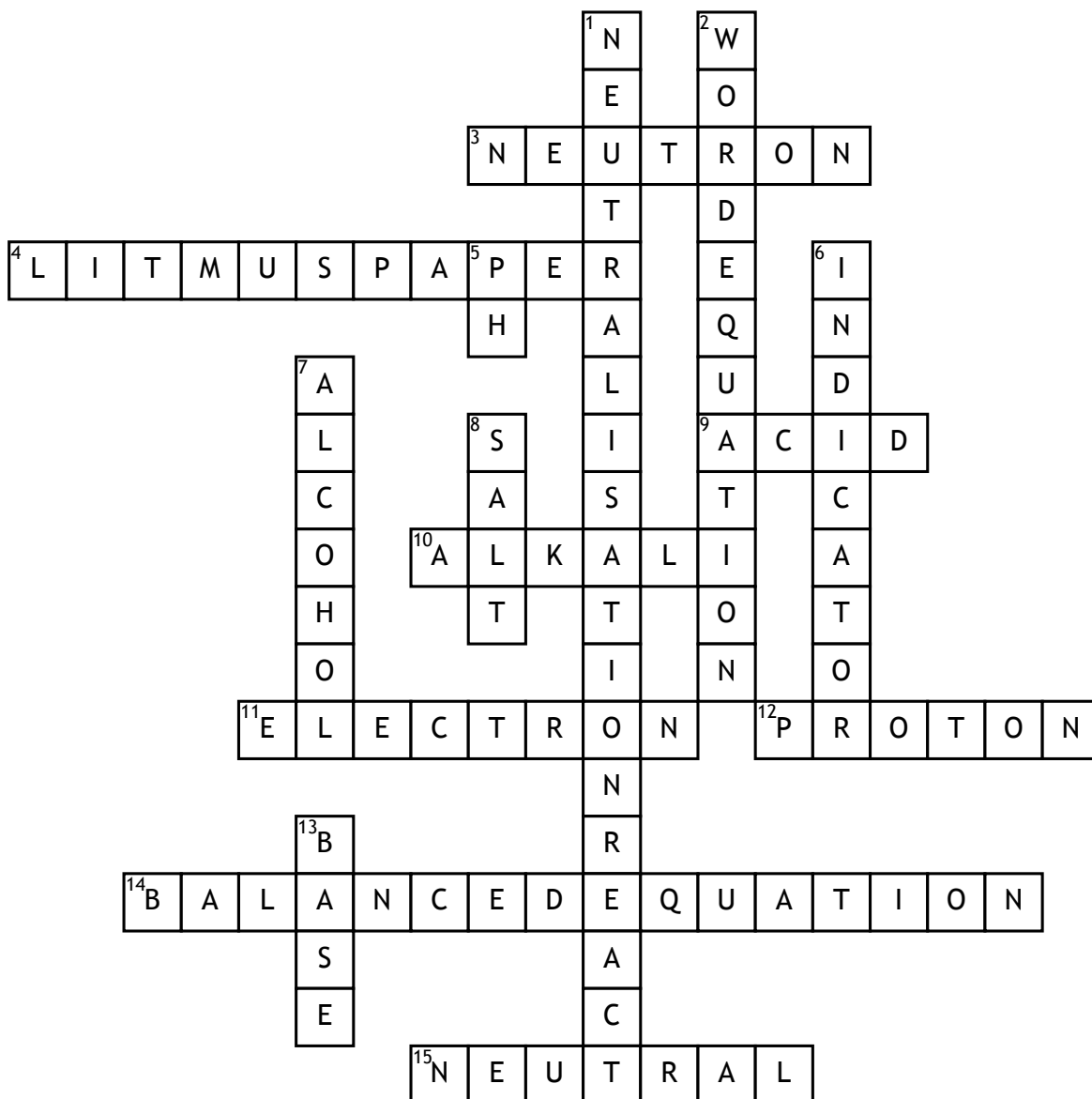


Chemical Equations



Across

3. Neutral particle found in atoms.
 4. Commonly used indicator that turns red in an acid.
 9. A group of chemical compounds that taste sour and contains at least one hydrogen atom.
 10. Base that dissolves in water.
 11. Negatively charged particle found in atoms.
 12. Positively charged particle found in atoms.

14. Chemical reaction that has the same number of atoms before and after the reaction.

15. Substance that is neither an acid nor a base: pH 7

Down

1. When an acid and a base react to cancel each other out; the reaction forms a salt and water.
 2. Chemical equation where the names of the reactants and products are written in words.
 5. Scale that gives the relative acidity or alkalinity of a solution; ranges from 0-14.

6. Substance that changes colour in the presence of an acid or base.

7. Name of an entire family of compounds that contain carbon, hydrogen and oxygen.

8. Chemical substance formed in a reaction between an acid and a base; usually a metal and non-metal combination.

13. A group of chemicals that taste bitter and are soapy to touch.