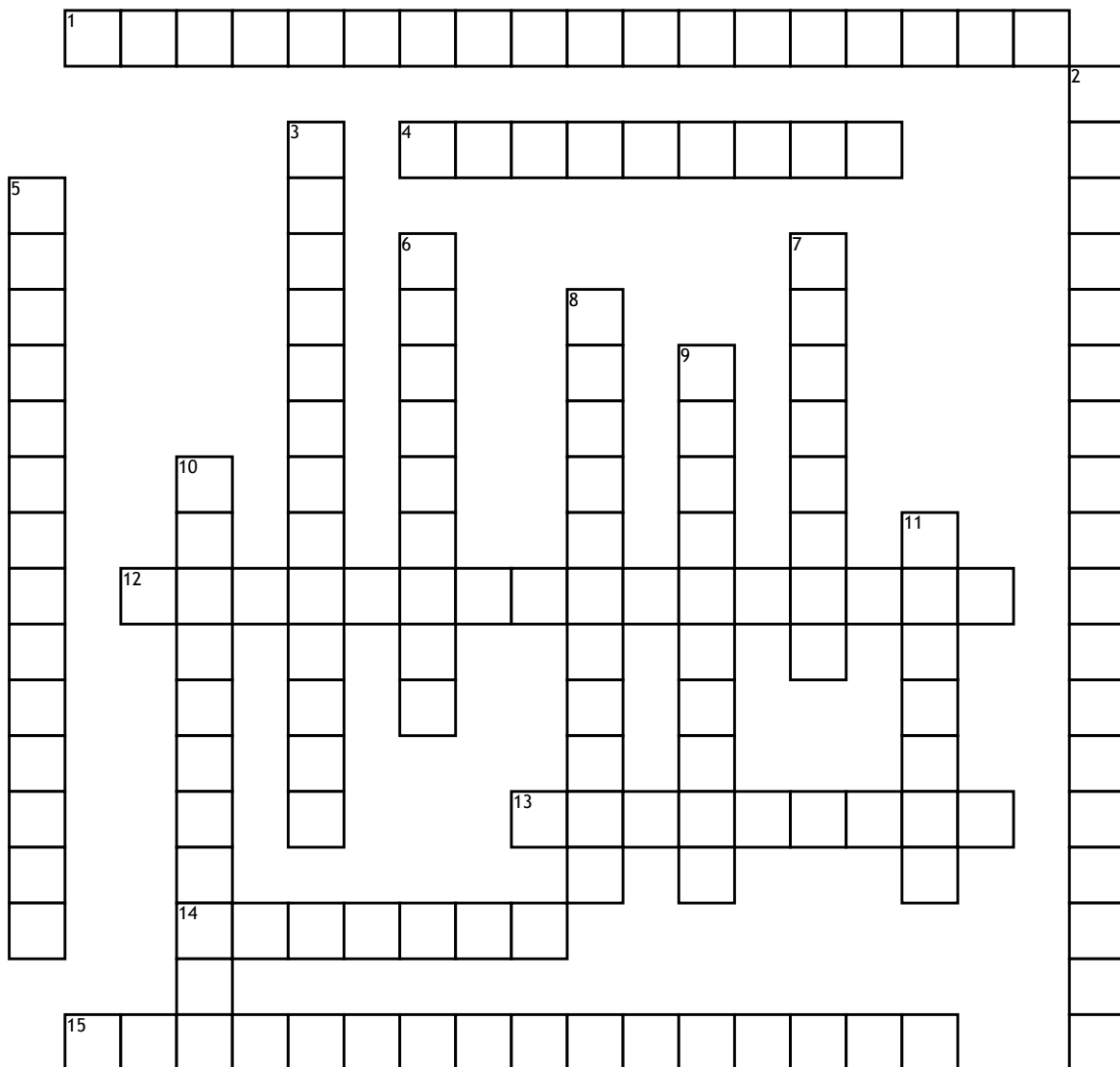


Chemistry vocab



Across

1. where an element reacts with a compound and takes the place of another element in that compound

4. the production of chemical compounds by reaction from simpler materials

12. a chemical equation for a reaction which lists only those species participating in the reaction

13. substance is a substance that will not dissolve in a solvent even after mixing

14. a solution in which the solvent is water

15. a process that involves rearrangement of the molecular or ionic structure of a substance,

Down

2. where two compounds react, and the positive ions and the negative ions of the two reactants switch places,

3. the separation of a single chemical compound into its two or more elemental parts or to simpler compounds.

5. an list of metals ranked in order of decreasing reactivity to displace hydrogen gas from water and acid solutions

6. a substance that takes part in and undergoes change during a reaction.

7. a substance that is formed as the result of a chemical reaction

8. a number in front of a chemical

9. is any process in which a substance combines with oxygen to produce heat and light

10. an insoluble solid that emerges from a liquid solution.

11. property referring to the ability for a given substance