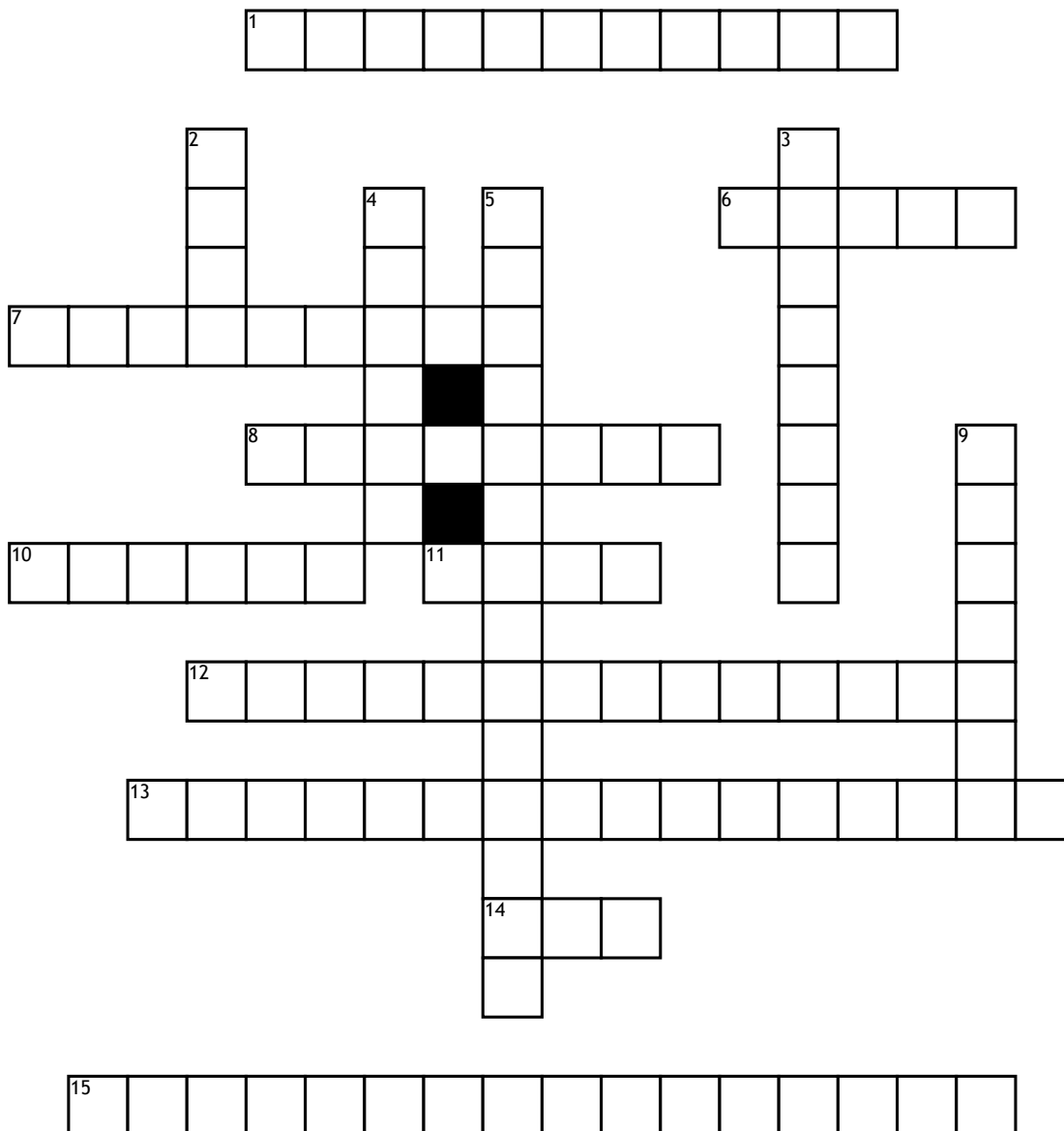


Chemistry Vocabulary



Across

- 1. a change from one state (solid or liquid or gas) to another without a change in chemical composition
- 6. firm and stable in shape; not liquid or fluid.
- 7. the branch of science that deals with the identification of the substances of which matter is composed; the investigation of their properties and the ways in which they interact, combine, and change; and the use of these processes to form new substances.
- 8. relating to chemistry, or the interactions of substances as studied in chemistry.
- 10. a substance that flows freely but is of constant volume, having a consistency like that of water or oil.

- 11. a coherent, typically large body of matter with no definite shape.
- 12. occurs when one substance is transformed into one or more new products via a chemical reaction.
- 13. a characteristic of a substance that may be observed when it participates in a chemical reaction.
- 14. a substance or matter in a state in which it will expand freely to fill the whole of a container, having no fixed shape (unlike a solid) and no fixed volume (unlike a liquid).
- 15. : a property (as color, hardness, boiling point) of matter not involving in its manifestation a chemical change

Down

- 2. the basic unit of a chemical element.

- 3. a thing that is composed of two or more separate elements; a mixture.
- 4. physical substance in general, as distinct from mind and spirit; that which occupies space and possesses rest mass, especially as distinct from energy.
- 5. a type of change in which the form of matter is altered but one substance is not transformed into another.
- 9. a part or aspect of something abstract, especially one that is essential or characteristic.