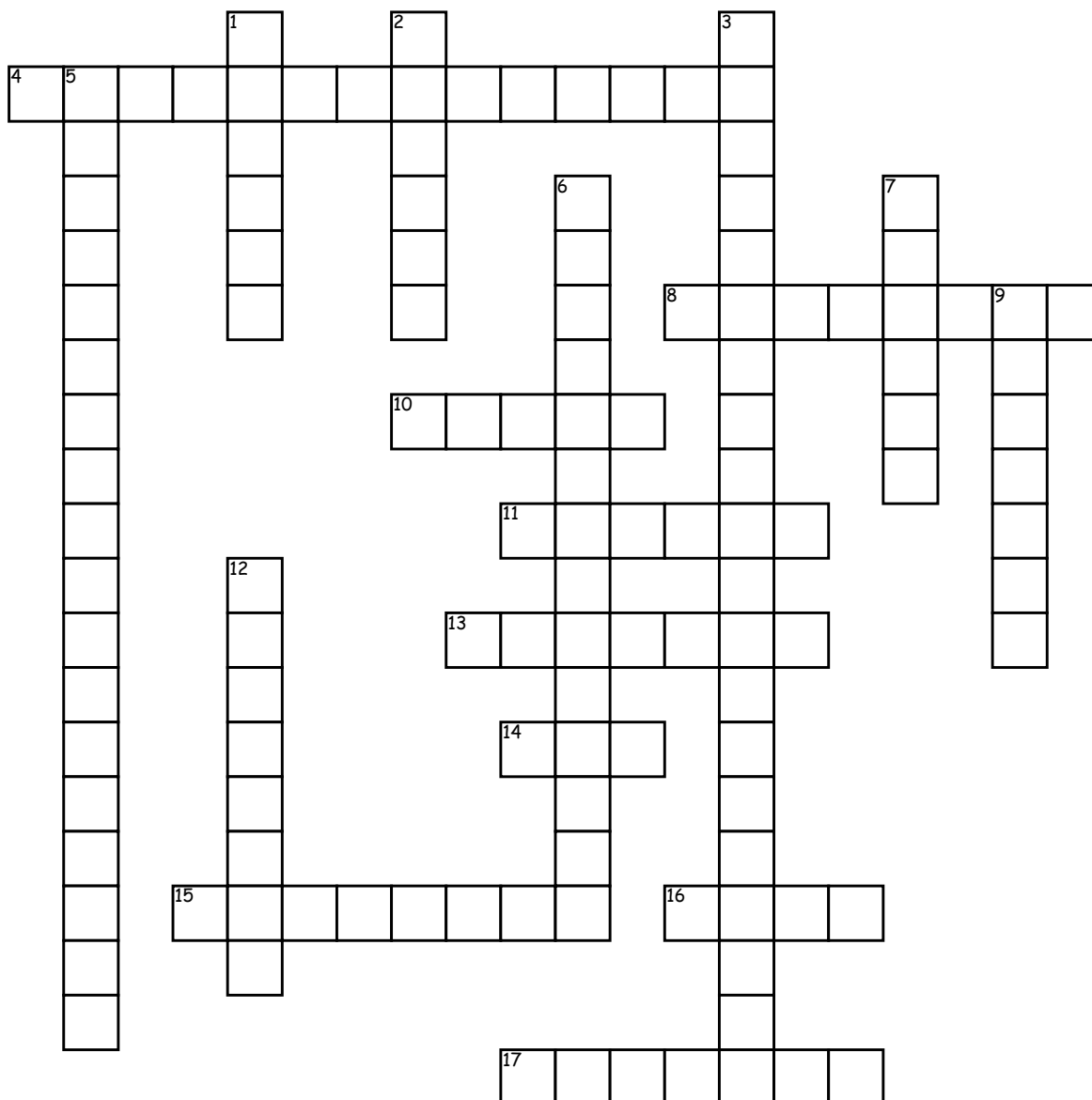


Science Vocabulary Assignment #6



Across

4. A usually irreversible chemical reaction involving the rearrangement of the atoms of one or more substances.

8. A thing that is composed of two or more separate elements; a mixture

10. Firm and stable in shape, not liquid, fluid, or gas.

11. Physical substance in general, occupying space and possesses vast mass.

13. The positively charged central core of an atom.

14. An airlike fluid substance which expands freely to fill any space available.

15. A group of atoms bonded together, representing the smallest fundamental unit of a chemical compound.

16. The basic unit of a chemical element.

17. Each of more than one hundred substances that cannot be chemically converted or broken down into simpler substances and are primary constituents of matter.

Down

1. A substance that flows freely but is of constant volume.

2. An ionized gas consisting of positive ions and free electrons.

3. Any combination of substances that does not have uniform composition and properties.

5. A mixture which has uniform composition and properties throughout.

6. Changes affecting the form of a chemical substance, but not its chemical composition.

7. A stable subatomic particle occurring in all atomic nuclei

9. A subatomic particle of about the same mass as a proton.

12. A stable subatomic particle with a charge of negative electricity.