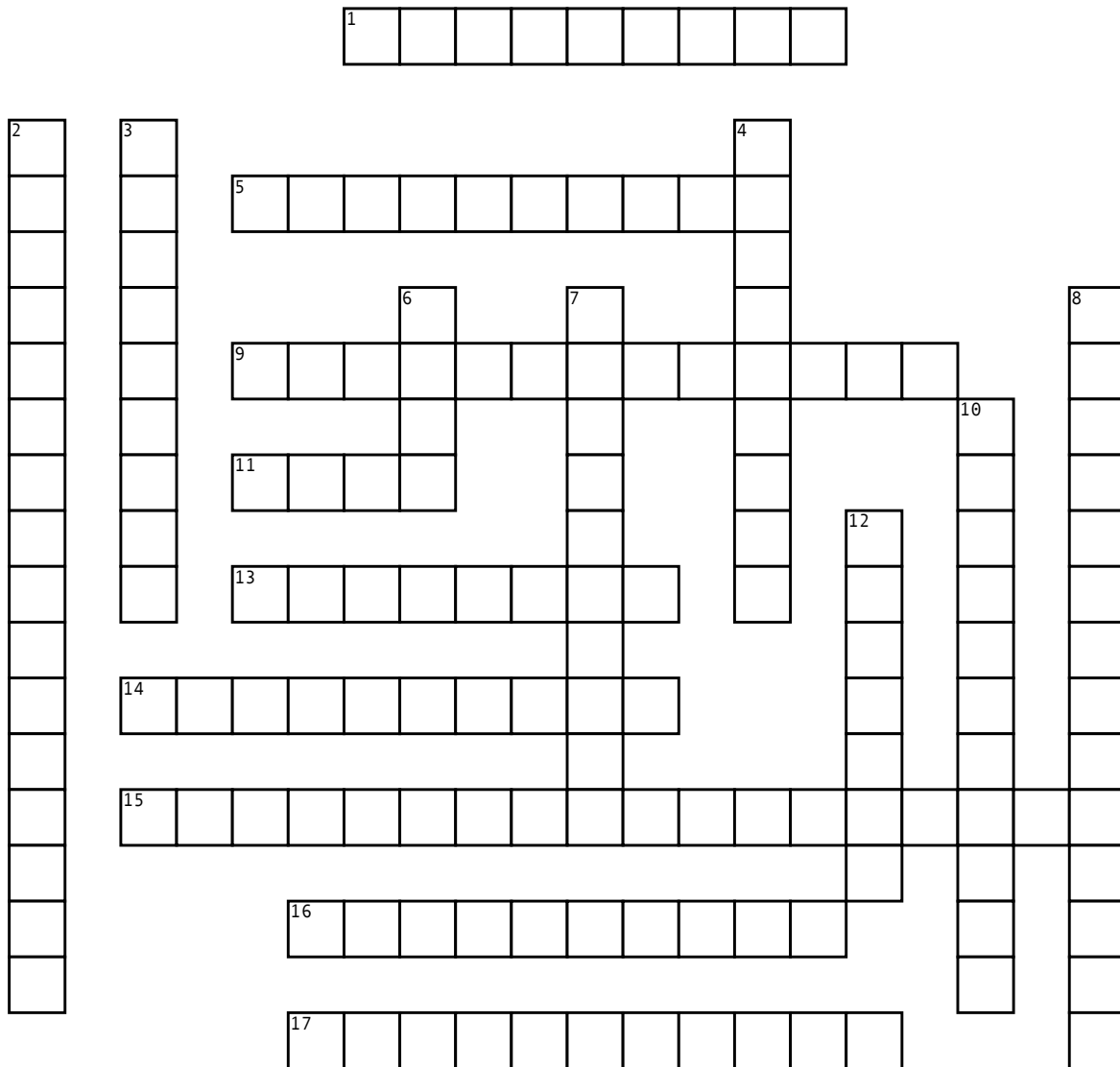


Physical Science Crossword



Across

1. is a physical property defined as the mass of a given substance divided by its amount of substance.

5. is a chemical reaction where the reactants form products that, in turn, react together to give the reactants back

9. is a process by which the atoms of one or more substances are rearranged to form different substances

11. is the measure of the change in concentration of the reactants or the change in concentration of the products per unit time

13. a substance that increases the rate of a chemical reaction without itself undergoing any permanent chemical change.

14. is a chemical reaction that releases energy by light or heat. It is the opposite of an endothermic reaction

15. a chemical reaction in which one component loses electrons or is oxidized and another gains electrons or is reduced

16. a state in which a process and its reverse are occurring at equal rates so that no overall change is taking place

17. is a chemical reaction that releases energy by light or heat

Down

2. is the symbolic representation of a chemical reaction in the form of symbols and formulae

3. when two or more chemical species combine to form a more complex product

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

6. is the unit of measurement in the International System of Units (SI) for amount of substance.

7. is a complex sequence of chemical reactions between a fuel and an oxidant accompanied by the production of heat or both heat and light

8. is the potential of a chemical substance to undergo a transformation through a chemical reaction to transform other chemical substances

10. a multiplier or factor that measures some property

12. a quantity obtained by multiplying quantities together, or from an analogous algebraic operation.