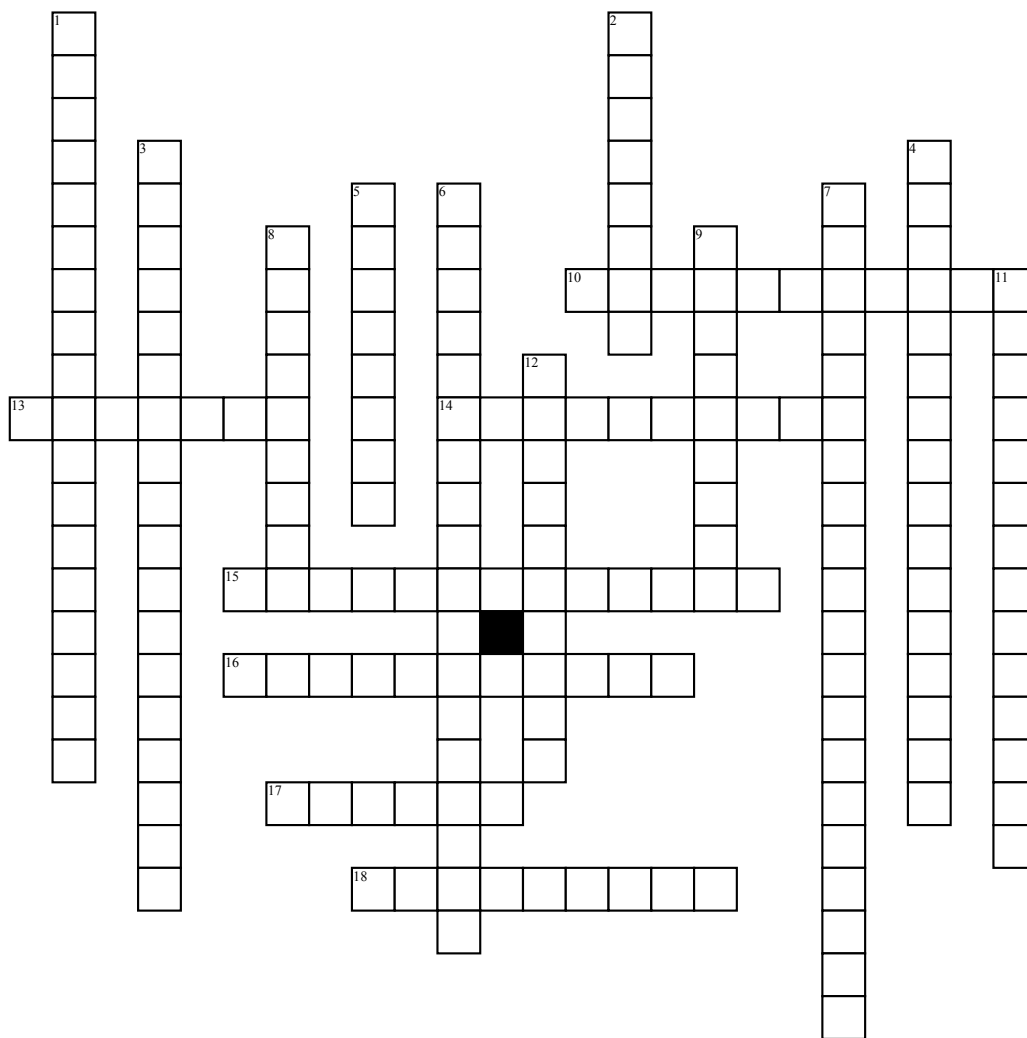


Name: _____ Date: _____ Period: _____

IPC Crossword



Across

10. a process which absorbs thermal (heat) energy.

13. species formed from chemical reactions.

14. chemical reaction that releases energy in the form of light or heat.

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

16. atomic or molecular species with unpaired electrons on an otherwise open shell configuration.

17. Proteins that speeds up the rate of a chemical reaction in a living organism.

18. using chemical reactions to get a product, or several products.

Down

1. chemical reaction involving transfer of electrons between two species.

2. a chemical substance that is present at the start of a chemical reaction.

3. those in which the reactant compounds exchange positive ions with each other to form new compounds.

4. a representation of a chemical reaction using symbols of the elements to indicate the amount of substance.

5. increase in the rate of a chemical reaction due to the participation of an additional substance.

6. Chemical reaction where one reactant is exchanged for one ion of a second reactant.

7. the point at which the concentrations of reactants and products do not change with time.

8. typically the chemical species being observed in a chemical reaction

9. conversion factors between products and reactants in many chemistry problems.

11. energy that is stored in the bonds between chemical compounds.

12. is a chemical reaction between two or more chemicals that produces that heat and sometimes light

Word Bank

OXIDATION REDUCTION

ENDOTHERMIC

EXOTHERMIC

FREE RADICAL

DECOMPOSITION

CHEMICAL EQUILLIBRIUM

REACTANT

SINGLE DISPLACEMENT

SUBSTRATE

CHEMICAL EQUATION

MOLE RATIO

ENZYME

CATALYST

COMBUSTION

CHEMICAL ENERGY

DOUBLE DISPLACEMENT

SYNTHESIS

PRODUCT