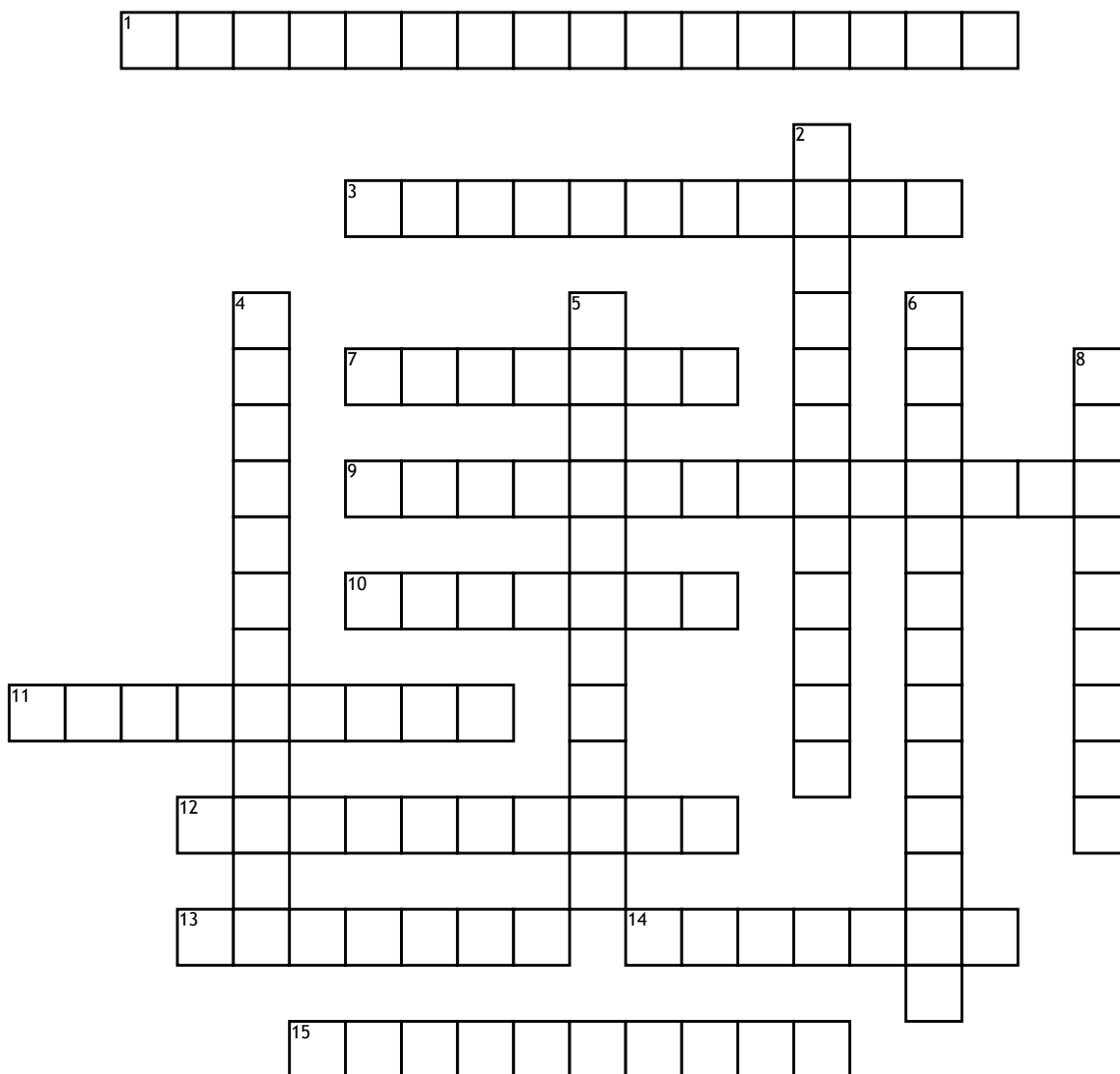


Name: _____

Date: _____

Nature's Chemistry



Across

1. Family of compounds with the same general formula and similar chemical properties. They show a regular and gradual change in physical properties.
3. Compounds containing at least one carbon-carbon double bond are said to be...
7. What family of hydrocarbons have the general formula C_nH_{2n+2} ?
9. Molecule identified by the carboxyl functional group, $-COOH$

10. Molecule containing a hydroxyl functional group, $-OH$ group.

11. Compounds containing only single carbon-carbon bond are said to be...
12. What name is given to a reaction in which a substance reacts with oxygen releasing energy?
13. Compounds with the same molecular formula but different structural formulae.
14. What family of hydrocarbons contain the $C=C$ double bond functional group?

15. A reaction or process that releases heat energy.

Down

2. What systematic name is given to vinegar?
4. Compounds containing only hydrogen and carbon atoms
5. A reaction or process that takes in heat energy
6. Alkenes undergo addition reactions with halogens to form...
8. Alkenes can undergo addition reactions with water to form alcohols. What name is given to this reaction?