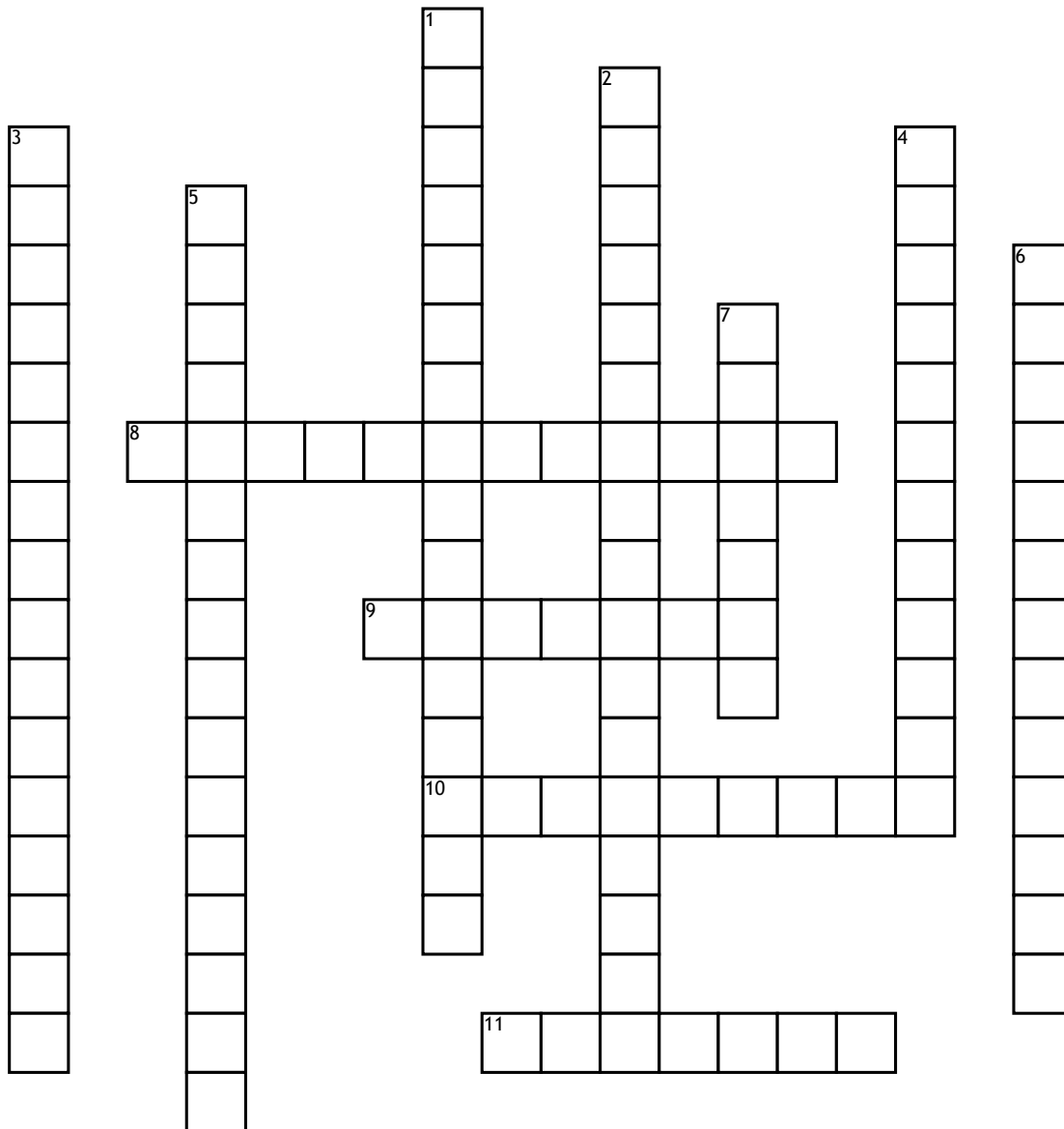


Name: _____

Date: _____

Synthetic Materials



Across

- 8. A way of separating liquids that have different boiling points from a mixture
- 9. A small molecule that can chemically bond in chains or groups to other similar molecules, to form larger molecules called polymers
- 10. An energy resource, such as trees or wind, that is replaceable by natural means
- 11. A long-chain molecule made up of a repeated pattern of monomers

Down

- 1. Characteristic that can be observed or measured without changing the substance; Examples include color, melting point, and conductivity

- 2. Materials made by humans

- 3. Resources that exist in the environment without human intervention
- 4. Not able to be replaced or regenerated in a short period of time
- 5. Any process in which one or more chemicals are changed into different products, by the breaking and formation of chemical bonds
- 6. Easily broken down by biological activity, especially bacteria in the soil
- 7. Molecules with identical molecular formulas but in which the atoms are arranged differently