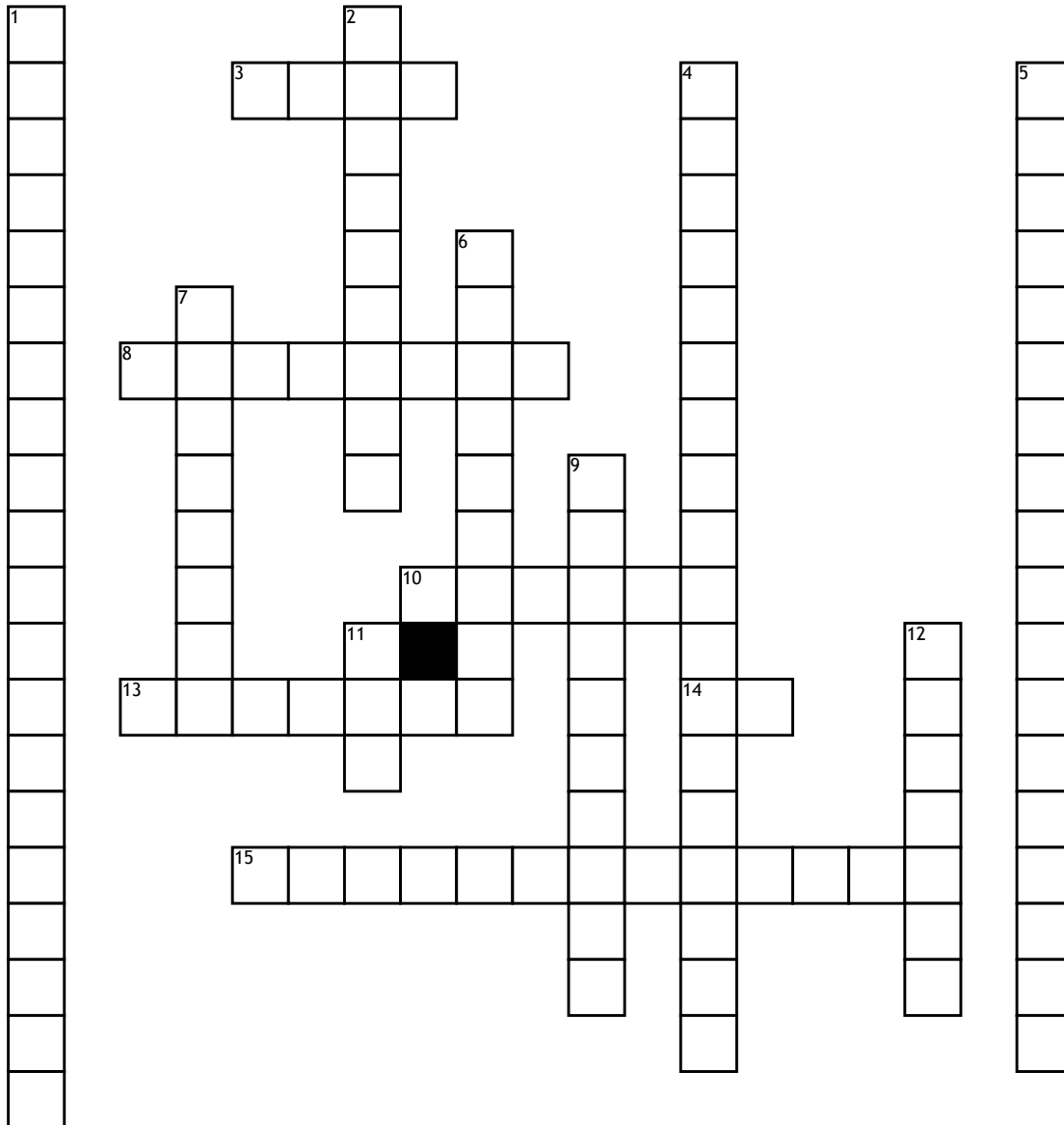


Name: _____

Matter Vocabulary



Across

3. The smallest particle of an element that is still that element and has all the properties

8. Two or more elements chemically bonded to create a different substance with different properties

10. Is made of atoms, has mass, has volume

13. Rows on the periodic table that show how many rings of electrons the atom has

14. a chemical property that shows how acidic or basic a substance is

15. Represents all the pure types of matter/atoms that exist on Earth

Down

1. The number of atoms going into a chemical reaction always equals the number of atoms in the products created

2. when a positively charged ion forms a bond with a negatively charged ions and one atom transfers electrons to another

4. Can be observed without changing the substance-melting point, density, color, texture

5. Can be observed when changing the substance-flame test, reaction with water, acidity, etc.

6. Poor conductors of electricity and heat, dull and brittle, lower densities than metals

7. two or more atoms (same or different) bonded together

9. these elements have some properties of metals, some nonmetals

11. an atom or molecule with a net electric charge due to the loss or gain of one or more electrons

12. The pure substances, made of only one type of atom