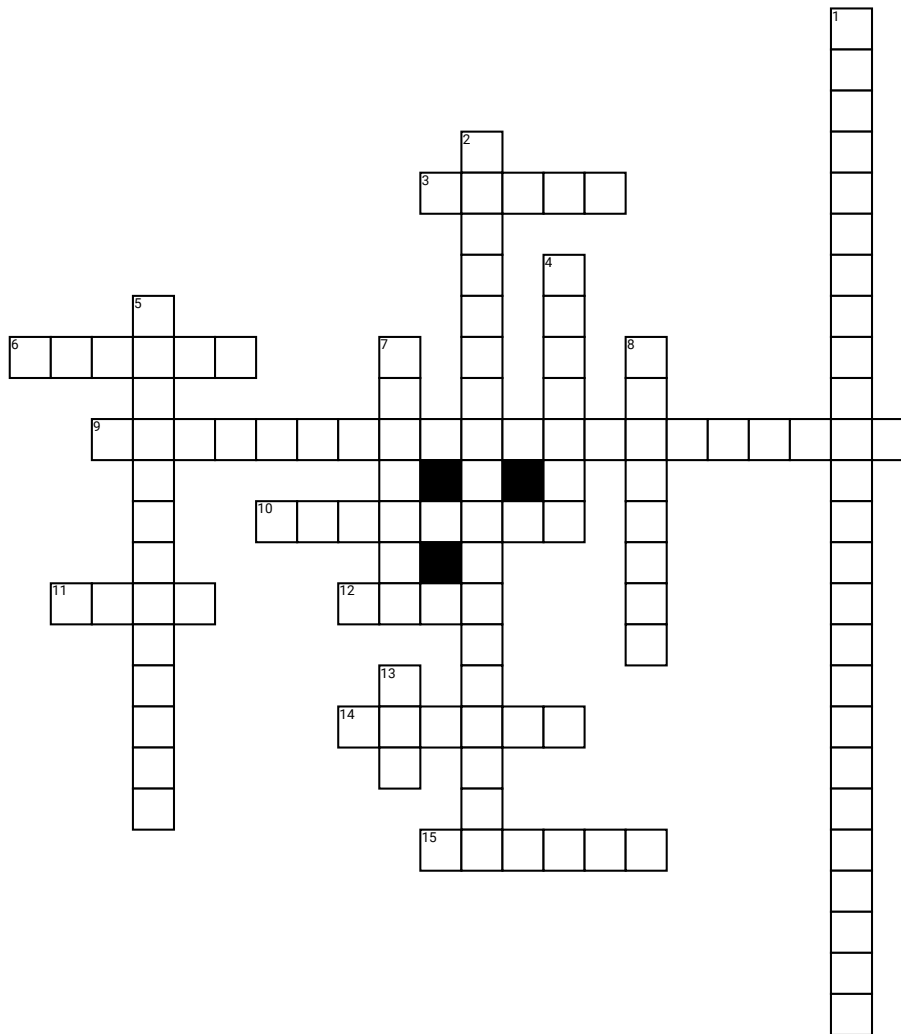


Name: _____ Date: _____ Period: _____

Matter crossword



Across

- 3. state of matter that is rigid, has a definite shape, and has a fairly constant volume
- 6. state of matter that has a definite volume but indefinite shape
- 9. combination of substances with a composition that varies from point to point
- 10. bonded collection of two or more atoms of the same or different elements
- 11. fundamental property indicating amount of matter
- 12. smallest particle of an element that can enter into a chemical combination

14. anything that occupies space and has mass

15. force that gravity exerts on an object

Down

- 1. when matter converts from one type to another or changes form, there is no detectable change in the total amount of matter present
- 2. (also, solution) combination of substances with a composition that is uniform throughout
- 4. matter that can be separated into its components by physical means
- 5. homogeneous substance that has a constant composition

7. substance that is composed of a single type of atom; a substance that cannot be decomposed by a chemical change

8. pure substance that can be decomposed into two or more elements

13. state in which matter has neither definite volume nor shape

Word Bank

Compound

Atom

Matter

Weight

Heterogeneous Mixture

Mass

Element

Law of Conservation of Matter

Mixture

Liquid

Molecule

Gas

Pure Substance

Solid

Homogeneous Mixture