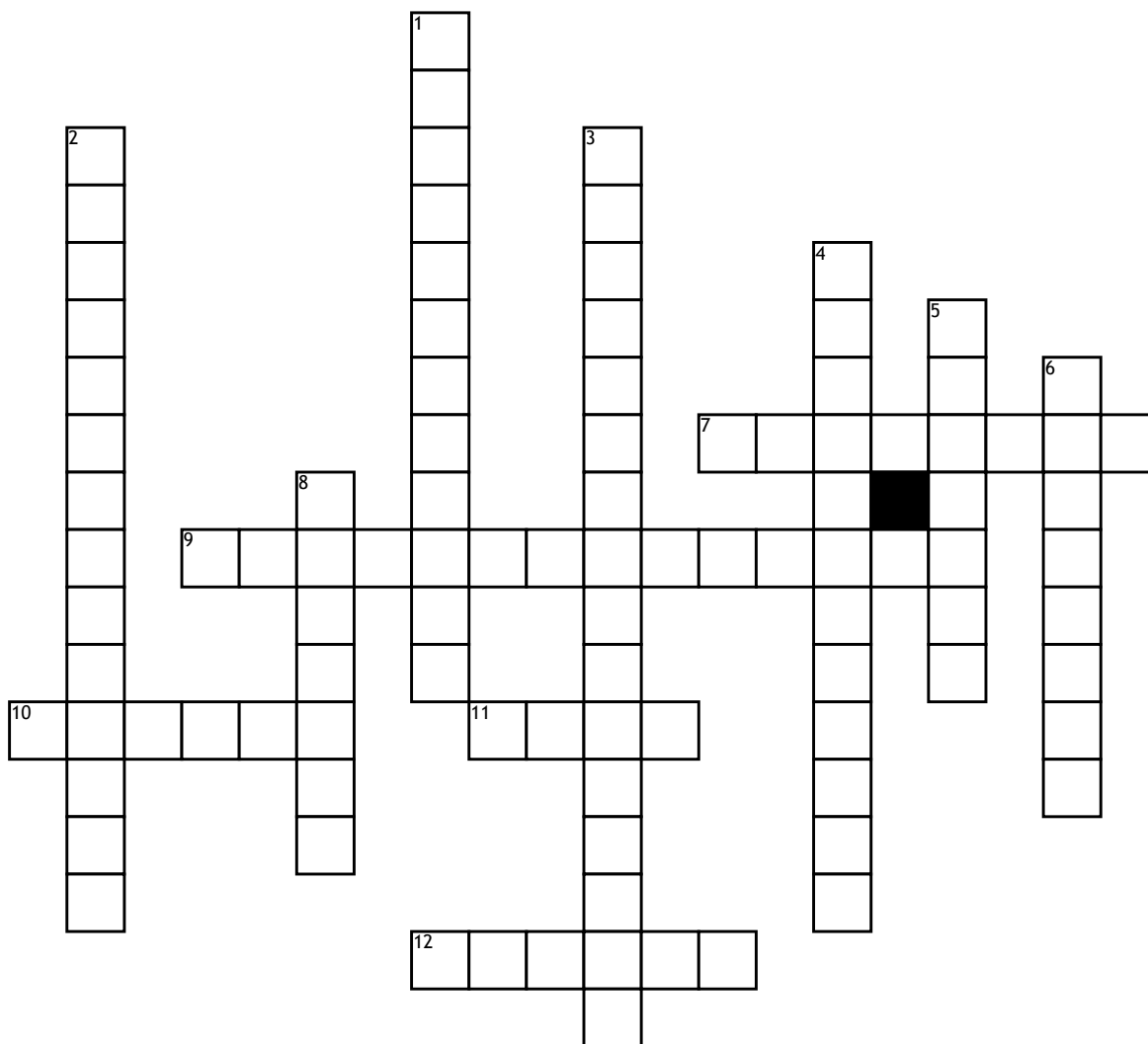


Name: _____ Date: _____ Period: _____

Matter Vocabulary



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Across

7. smallest particle of a substance that retains all the properties of the substance and is composed of one or more atoms

9. chemical change- process in which substances are changed into one or more different products

10. anything that has mass and takes up space

11. the smallest particle of an element that can exist either alone or in combination

12. subatomic particle with a positive charge found in the nucleus of an atom

13. a substance made of a combination of two or more elements held together by chemical bonds that cannot be separated by physical means

Down

1. when heat is being added, the temperature at which a solid becomes a liquid

2. process which changes a substance's form without producing a new substance

3. property that changes the chemical nature of matter when in the presence of other substances or conditions; e.g. heat of combustion, reactivity with water, pH, electromotive force

4. the temperature at which a liquid becomes a gas

5. 1. an atom's central region, made up of protons and neutrons 2. a membrane-bound organelle that contains the cell's DNA and has a role in processes such as growth, metabolism, and reproduction

6. a negatively charged subatomic particle that resides outside (but is bound to) the nucleus of an atom

8. neutron- a subatomic particle that has no charge and is found in the nucleus of an atom