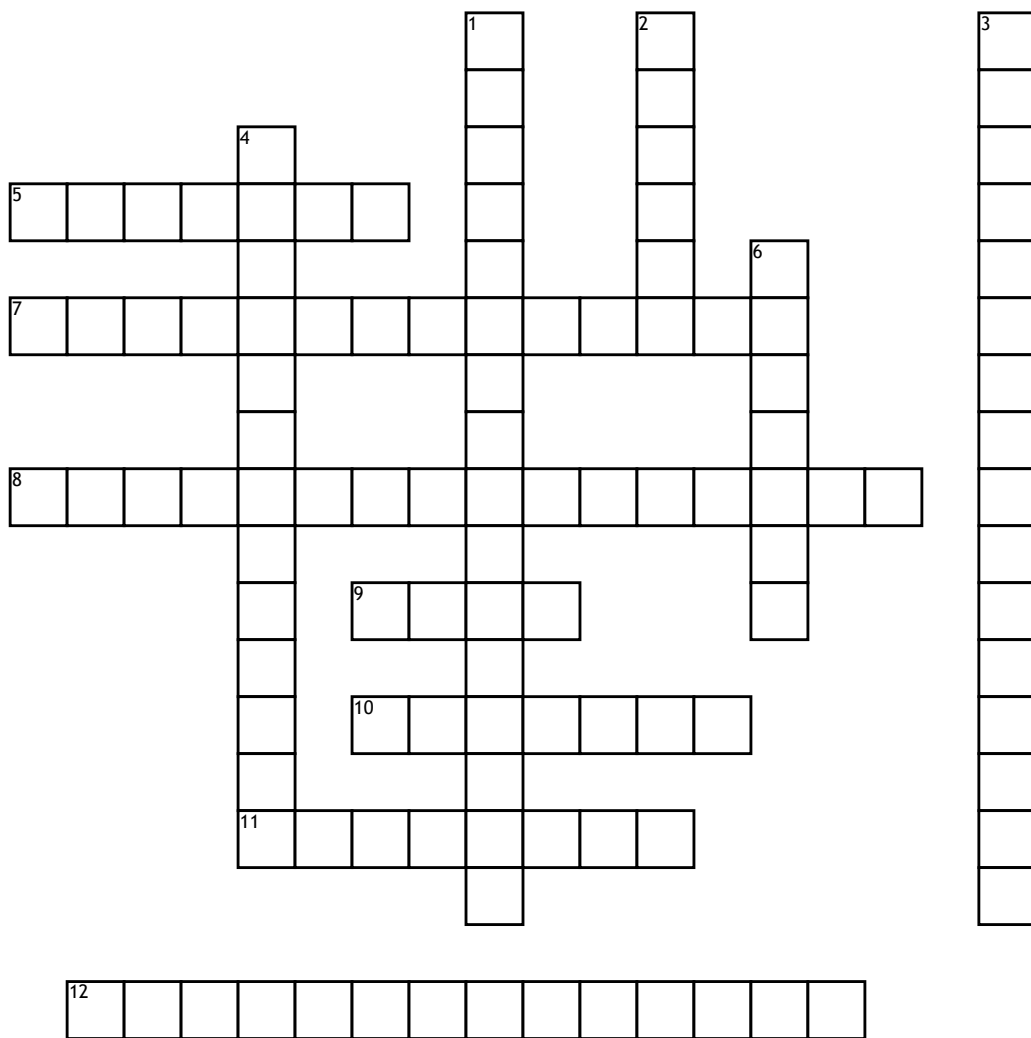


Name: _____

Date: _____

Chemistry 5th



Across

5. the center of an atom where protons and neutrons are located

7. a change in one or more physical properties

8. Describes the way a substance reacts with other substances.

9. The smallest particle of an element that has the properties of the element.

10. A substance that cannot be broken down into other substances by heat, light or electricity

11. particle in an atom that has a negative electrical charge

12. A change that produces new substances with new properties

Down

1. A way of describing an object using traits that can be observed or measured without changing the substance into something else.

2. particle of an atom that has a positive electrical charge

3. A process that produces one or more substances that are different from the original substances.

4. A chart that classifies elements by their properties

6. particle in an atom that has no charge

Word Bank

Chemical Reaction

proton

chemical change

physical property

electron

Chemical property

physical change

neutron

element

Periodic table

nucleus

atom