

NAME \_\_\_\_\_

DATE \_\_\_\_\_

PERIOD \_\_\_\_\_

## Chemicals in Our Lives

Read the students' opinions in the table. Do you agree or disagree with them? Decide, and then record your opinion by putting an X under the column you agree with. If you are not sure about a statement, check the column titled uncertain.

About Chemicals	Agree	Disagree	Uncertain
All chemicals are bad.			
We can't live without chemicals.			
Our house is insulated with fiberglass. Isn't that a chemical?			
Living things are made up of chemicals.			
We need chemicals to keep insects under control.			
I think chemicals are everywhere around us.			

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## Has A New Chemical Been Formed?

**Directions:** If it is a physical change mark a P in the space provided below. If it is a chemical change mark a C in the space provided below.

1. Water evaporating \_\_\_\_\_
2. Salt dissolving \_\_\_\_\_
3. Sugar turning black when heated \_\_\_\_\_
4. Baking soda fizzing when vinegar is added \_\_\_\_\_
5. Chalk breaking \_\_\_\_\_
6. Chalk bubbling when vinegar is added \_\_\_\_\_
7. Paper burning when heated \_\_\_\_\_

Chemical or Physical Change or Property (Circle)

1. C P Sodium and chloride reacting to make salt.
2. C P Ice melting into water.
3. C P Hammer driving a nail into wood.
4. C P Baking soda and vinegar reacting and making CO<sub>2</sub> gas.
5. C P A battery in a flashlight making electricity.
6. C P Dynamite exploding.
7. C P The temperature of a rock going up as its heated by the sun in the desert.
8. C P Boiling point of a liquid.

9. C P Melting point of a solid.

10.C P Burning propane in a furnace.

11.C P Burning gasoline in a BMW.

BM-Explain common chemical reactions.

Name \_\_\_\_\_

Date \_\_\_\_\_

Period \_\_\_\_\_

Mr. Wizards  
Chemical Reactions V 51461

1. Reacting zinc (Zn) with acid will release what element? \_\_\_\_\_
2. What element will cars possibly run on in the future? \_\_\_\_\_
3. When hydrogen burns what is released? \_\_\_\_\_ & \_\_\_\_\_
4. Baking soda and vinegar release what gas? \_\_\_\_\_
5. Sodium hydroxide reacts with \_\_\_\_\_ and releases a lot of \_\_\_\_\_.
6. Carbon is what color? \_\_\_\_\_
7. What chemical does silver react with that causes it to tarnish? \_\_\_\_\_
8. If you wanted to clean silver and remove tarnish you could do it chemically with?

**A. Sulfur & Lye   B. Boron & Helium   C. NaCl & Aluminum**