

NAME:

PERIOD:

DATE:

Chemical Equations and Reactions Practice

Answer all questions to the best of your ability. Use your notes to help.



PART ONE: Fill in the blanks.

1. The substances that are going to be in the chemical reaction are called the _____.
2. A _____ is a solid that appears when two liquids are mixed together.
3. The little arrow in the middle of a chemical equation is called a _____.
4. A _____ is when atoms, change, rearrange, break or form new bonds with other atoms.
5. The substances that are made in a chemical reaction are called the _____.
6. There are 4 _____ that tell you a chemical reaction is happening.
7. A _____ is a written way to describe what happened in a chemical reaction.
8. A(n) _____ chemical reaction gives off energy.

PART TWO: If a chemical reaction occurs, tell what indicator there is.

If not, tell why you don't think one did.

9. Mario mixed the baking soda and vinegar together. The mixture immediately began to bubble wildly and spilled out over the top of the beaker.
10. Luigi put the sand and water together in the aquarium. The sand sank to the bottom and the water sat on top. A few stray bubbles appeared as the sand sank to the bottom.
11. Princess Peach noticed that the apple that she had cut was turning brown as it sat on the table. The longer it sat; the more brown it became.



12. Bowser watched as a lava ball caught his curtains on fire. The curtains were white at first, but as they burned they turned black. Along the way they gave off light and heat to the room.

13. Donkey Kong Jr. was painting a nice picture for his dad. As he painted, the paper he was painting went from being white to all different colors.

14. Wario was planning to make a new potion that would straighten his mustache. As he mixed two liquids together he noticed a yellow powder forming in the beaker.

15. Goomba couldn't see where he was going. He opened the curtains and light came into the room.

