

Chemical and Physical Changes

Name _____

Notes are here: <http://prezi.com/ahejobfci9yy/>

1. List three ways in which a substance can undergo a physical change:
2. What do chemical changes produce?
3. What is a chemical reaction?
4. What is the difference between reactants and products in a chemical reaction?
5. What 3 things does a chemical equation show?
6. Give a chemical equation for a common chemical reaction using common names of the reactants and products.
7. What is a chemical formula?
8. Give the name of a chemical substance and then give its chemical formula:
9. In the chemical formula for potassium phosphate, KPO_4 , what is the "4" called and what does it mean?
10. The Law of Conservation of Mass says what two things must be equal on each side of the arrow in a chemical equation?
11. In the chemical equation below, count the number of atoms of each element in the reactants and compare that to the number of each kind of atom in the products.



12. When silver tarnishes, what element is it combined with?

13. What are coefficients?

14. Using coefficients, balance the following unbalanced equation:

