

9. When blueberry juice is mixed with a solution of baking soda, it turns a(n) _____ color.
10. The _____ that form when a solution containing dissolved baking soda and lemon juice are mixed indicates that a chemical change has taken place.
11. When you light a match, it gives off _____ and _____.

What Are Some Familiar Chemical Changes?

12. As a cake bakes, a chemical reaction turns the baking soda into sodium carbonate, steam, and _____ gas, causing the cake to rise.
13. The chemical reaction involving baking soda is triggered by _____.
14. The silver sulfide forms when silver reacts with sulfur or _____ in foods or the air.
15. Iron oxide is commonly known as _____.

Which Are Easier to Reverse—Chemical or Physical Changes?

16. Physical changes can sometimes be easily _____.
17. In general chemical changes are _____ to reverse.