

PHYSICAL AND CHEMICAL CHANGES

TRUE OR FALSE WORKSHEET

Are the following statements true or false?

1. If a substance changes in size or shape, the change is physical. _____
2. Water freezing and becoming ice is a chemical change. _____
3. A chemical change leads to a new substance with new properties forming. _____
4. If platinum is heated and cooled to its original state, it is a physical change. _____
5. Water breaking into oxygen and hydrogen is a physical change. _____
6. Milk turning sour is a physical change, as a change in odor is not an indicator of a chemical change. _____
7. If citric acid and baking soda mix, they produce carbon dioxide with a drop in temperature. This is a chemical change. _____
8. Trimming a bush because it has grown too much is a physical change. _____
9. A sugar cube dissolving in water is a chemical change. _____
10. A bicycle rusting in the rain is a chemical change. _____
11. Alcohol evaporating is a physical change. _____
12. Grass growing in the lawn is a chemical change. _____
13. Blow drying hair is a chemical change. _____
14. Food coloring is added to water. This is a physical change. _____
15. In a fireworks display, the crackers exploding are undergoing a physical change. _____

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Answers

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