

## Physical and Chemical Change Worksheet

### Multiple Choice

Identify the letter of the choice that best completes the statement or answers the question.

- ☐ 1. A ( **Physical or Chemical** ) change is a change of matter from one form to another without a change in chemical properties.  
a. Physical                                      b. Chemical

☐ 2. A ( **Physical or Chemical** ) change is a change that occurs when a substance changes composition by forming one or more new substances.  
a. Physical                                      b. Chemical

☐ 3. **True or False** Color change is evidence that a chemical change may have occurred.  
a. True    b. False

☐ 4. **True or False** Fizzing or foaming is evidence that a chemical change may have occurred.  
a. True    b. False

☐ 5. **True or False** Production of sound is evidence that a chemical change may have occurred.  
a. True    b. False

☐ 6. **True or False** Production of heat or light is evidence that a chemical change may have occurred.  
a. True    b. False

☐ 7. **True or False** Production of an odor is evidence that a chemical change may have occurred.  
a. True    b. False

☐ 8. **True or False** Chemical changes can not be reversed by physical changes.  
a. True    b. False

### Matching

- a. Chemical Change                      b. Physical Change

☐ 9. You cut your hair

☐ 10. Mixing sugar and water