

Physical and Chemical Changes Worksheet

1. Name two indications that a chemical change has occurred.

2. What is the difference between a physical and a chemical change?

3. A sheet of paper is torn in half. Another sheet of paper is burned. A third sheet of paper is crumpled into a ball.

a. What kind of change has each sheet of paper undergone?
torn _____ burned _____ crumpled _____

b. In which sheet(s) of paper have the molecules changed?

c. In which sheet(s) of paper have the molecules not changed?

4. Classify each example as a physical change or a chemical change. Give one piece of evidence for each classification.

example	kind of change	evidence
penny flattened by a hammer		
rusting metal		
glass of juice frozen, melted, and refrozen		
chewing a cookie		
breaking a tooth		
cooking an egg		