

Date: \_\_\_\_\_ Name: \_\_\_\_\_

# Physical and Chemical Changes in Substances!

This activity was created by Gagan.

Just like in **binary coding** where we use 1s and 0s to code true (1) or false (0) statements, classify the following substance changes as either a physical or chemical change, by writing either 1 or 0 in the circle beside the change..

## Definitions

### Physical Change:

a change in objects that do not form a new chemical identity

### Chemical Change:

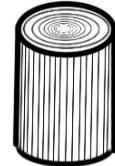
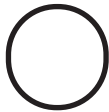
formation of a new product via chemical reaction

**RECODE: 1 = physical change and 0 = chemical change**

Rusting of a nail =



Chopping wood =



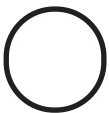
Chewing food =



Burning wood =



Bending a nail =



Brewing tea =



Steep/  
Heat

