Physical and Chemical Changes in Substances!

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 = 0
- Chopping wood = 0
- Chewing food = 0
- Burning wood = 0
- Bending a nail = 0
- Brewing tea = 1 / Steep/Heat