



Name: _____ Class: _____

Physical or chemical change

The following are either physical or chemical changes. Write 'P' for physical changes and 'C' for chemical changes.

1. Butter melting. _____
2. A glass cracking when heated. _____
3. Water exposed to extreme cold becomes ice. _____
4. Melting a lead bar. _____
5. Burning sugar for caramel. _____
6. Dissolving sugar in water. _____
7. Tearing a piece of paper. _____
8. Slicing cheese. _____
9. Condensation of water vapor. _____
10. A metal spoon rusting. _____
11. Frying fish. _____
12. Baking a cake. _____
13. Acid rain dissolving paint off a wall. _____
14. Some acid is added to a salt and a gas is produced. _____

Determine if the following processes are physical or chemical changes.

- | | | |
|-----------------------|--------------|---------------------|
| a. boil - | g. melt - | m. explode - |
| b. combustion - | h. rust - | n. grind - |
| c. condense - | i. crush - | o. rot - |
| d. corrode - | j. freeze - | p. vaporize - |
| e. crumple - | k. oxidize - | q. photosynthesis - |
| f. ferment - chemical | l. tarnish - | r. sublimation - |

What is a chemical change?

What is a physical change?