



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. _____
12. Frying fish. _____
13. Baking a cake _____
14. Acid rain dissolving paint off a wall. _____
15. Some acid is added to a salt and a gas is produced. _____

Determine if the following processes are physical or chemical changes.

a. boil -
b. combustion -
c. condense -
d. corrode -
e. crumple -
f. ferment - chemical

g. melt -
h. rust -
i. crush -
j. freeze -
k. oxidize -
l. tarnish -

m. explode -
n. grind -
o. rot -
p. vaporize -
q. photosynthesis -
r. sublimation -

What is a chemical change ?

What is a physical change ?