



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 ?