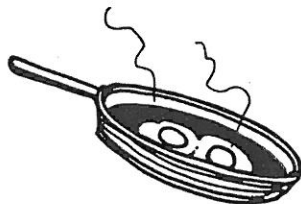


TWO WAYS TO CHANGE

A melting ice sculpture . . . a spectacular bonfire . . . a cake baking in the oven . . . a milkshake in the making . . . an explosion . . . all of these involve changes in matter. Some are physical changes (changes in shape, color, or state) and others are chemical changes (changes involving chemical reactions). Which are which? For each change described below, write **P** for physical change or **C** for chemical change. Be ready to explain your choices.



- ___ 1. glass breaking
- ___ 2. hammering wood together to build a playhouse
- ___ 3. a rusting bicycle
- ___ 4. melting butter for popcorn
- ___ 5. glassblower creating sculptures out of glass
- ___ 6. freezing chocolate-covered bananas
- ___ 7. separating sand from gravel
- ___ 8. spoiling food
- ___ 9. burning toast
- ___ 10. making salt water to gargle for a sore throat
- ___ 11. mixing lemonade powder into water
- ___ 12. cream being whipped
- ___ 13. water evaporating from a pond
- ___ 14. cutting grass
- ___ 15. burning leaves
- ___ 16. humidifier putting moisture into the air
- ___ 17. corroding metal
- ___ 18. bleaching your hair
- ___ 19. fireworks exploding
- ___ 20. squeezing oranges to get orange juice
- ___ 21. frying an egg
- ___ 22. pouring milk on your oatmeal



Name

★ on the back, explain what a physical & chemical change is!! ★