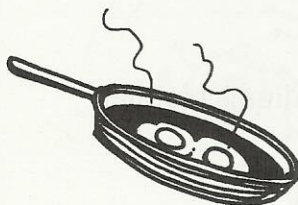
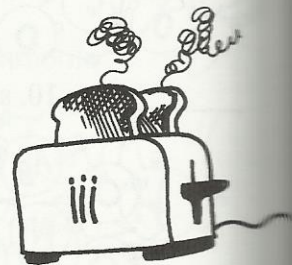


TWO WAYS TO CHANGE

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 _____