

Identify each of the following as an example of a physical property (pp) or a chemical property (cp). Type pp or cp as your answer for each.

1. \_\_\_\_\_ Silver tarnishes when it comes in contact with hydrogen sulfide in the air.
2. \_\_\_\_\_ An apple is green.
3. \_\_\_\_\_ A metal paper clip is bent into a new shape.
4. \_\_\_\_\_ Gasoline is flammable.
5. \_\_\_\_\_ Ice melts at room temperature.
6. \_\_\_\_\_ Sodium and chlorine react to form salt.
7. \_\_\_\_\_ The density of iron is 7.874 g/cm<sup>3</sup>.
8. \_\_\_\_\_ These properties become evident during or after a chemical reaction.

Identify the following as an example of a physical change (pc) or chemical change (cc). Type pc or cc as your answer for each.

9. \_\_\_\_\_ lighting a match
10. \_\_\_\_\_ breaking a glass
11. \_\_\_\_\_ burning gasoline
12. \_\_\_\_\_ rusting iron
13. \_\_\_\_\_ melting a metal fork
14. \_\_\_\_\_ a metal fork rusts
15. \_\_\_\_\_ a log gives off heat and light as it burns
16. \_\_\_\_\_ a water pipe freezes and cracks on a cold night
17. \_\_\_\_\_ a new substance forms
18. \_\_\_\_\_ water boiling
19. \_\_\_\_\_ a balloon bursting
20. \_\_\_\_\_ a candle melting
21. \_\_\_\_\_ pouring two liquids together to create a solid precipitate
22. \_\_\_\_\_ a sugar cube dissolves in water
23. \_\_\_\_\_ a cake bakes in the oven
24. \_\_\_\_\_ slicing pepperoni pizza
25. \_\_\_\_\_ baking pizza dough to form pizza crust
26. \_\_\_\_\_ boiling an egg
27. \_\_\_\_\_ cracking an egg
28. \_\_\_\_\_ frying an egg
29. \_\_\_\_\_ scrambling an egg (on the stove)
30. \_\_\_\_\_ ice cream melts in bowl