

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^3 .
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