**Identify each of the following as either a Physical change (P) or a chemical change (C).**

1. **You cut your hair. \_\_\_P\_\_\_\_**
2. **Making a peanut, pretzel and cereal mixture. \_\_\_P\_\_\_\_**
3. **Baking soda reacts with vinegar and forms a gas. \_\_\_C\_\_\_\_**
4. **A piece of metal is bent in half. \_\_\_\_P\_\_\_**
5. **An aspirin is crushed into fine powder. \_\_\_\_P\_\_\_**
6. **Copper turns green when exposed to the environment. \_\_\_\_C\_\_\_**
7. **Two clear liquids are mixed and a yellow color forms. \_\_\_C\_\_\_\_**
8. **Baking cookies. \_\_\_\_C\_\_\_**
9. **Diamonds are used to scratch glass. \_\_\_P\_\_\_\_**
10. **A tree burns to form ashes. \_\_\_C\_\_\_\_**
11. **A piece of paper is crumpled up. \_\_\_\_\_P\_\_**
12. **Water freezes to form ice. \_\_\_\_P\_\_\_**
13. **Food spoiling. \_\_C\_\_\_\_\_**
14. **A candle burning. \_\_\_C\_\_\_\_**
15. **A candle melting. \_\_\_\_P\_\_\_**

**Label Each as Physical or Chemical Properties**

**1. Oxygen is odorless and colorless P**

**2. Copper turns green when exposed to the environment C**

**3. The piece of metal is magnetic P**

**4. The density of water is 1.0 gram per cubic centimeter P**

**5. Diamonds are a very hard substance P**

**6. The tree is 8 meters high P**

**7. Sodium reacts very easily with other elements. C**

**14. Copper conducts electricity P**

**15. Water is a liquid P**

**16. The mass of the NaCl sample is 30 grams P**

**17. Gold is nonflammable C**

**18. Alka-Seltzer tablets react with water to produce gas C**

**19. The color of the ball is red P**

**20. Iron reacts with oxygen and forms rust C**

**21. The boiling point of water is 100 degrees P**

**22. Baking soda reacts with vinegar C**

**23. The gas is flammable C**

**24. Oxygen is a gas P**

**25. Argon is not very reactive C**

**26. Nitrogen is a colorless gas P**

**27. The silver spoons tarnished and turned dark C**

**28. A student’s shirt suddenly bursts into flames. C**

**29. Silver necklaces tarnish and turn green. C**

**30. Evaporation. P**

**31. Ice melting. P**

**32. Milk sours. C**

**33. Sugar dissolves in water. P**

**34. Wood rotting. C**

**35. Pancakes cooking on a griddle. C**

**36. Grass growing in a lawn. C**

**37. A tire is inflated with air. P**

**38. Food is digested in the stomach. C**

**39. Water is absorbed by a paper towel. P**