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

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

**Label Each as Physical or Chemical Properties**

**1. Oxygen is odorless and colorless**

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

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

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

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

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

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

**14. Copper conducts electricity**

**15. Water is a liquid**

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

**17. Gold is nonflammable**

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

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

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

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

**22. Baking soda reacts with vinegar**

**23. The gas is flammable**

**24. Oxygen is a gas**

**25. Argon is not very reactive**

**26. Nitrogen is a colorless gas**

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

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

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

**30. Evaporation.**

**31. Ice melting.**

**32. Milk sours.**

**33. Sugar dissolves in water.**

**34. Wood rotting.**

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

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

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

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

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