1. If two substances are mixed and a new substance is formed, what type of change is it?
   ________________________________________________________________

2. Placing the spoon in hot water was a physical change since the melted metal was still...
   
   a. gallium  b. iron  c. steel  d. aluminum

3. When a substance changes states (melts, evaporates, etc.) it is often what type of change?
   ________________________________________________________________

4. Fill in the blank using physical change or chemical change.
   
   When something burns, it is a ________________________________

5. True or false: since gas is detected during the candy + soda demo, it is an example of a chemical change.
   ________________________________________________________________

6. What is the evidence that the gas made in the mentos + soda demo was carbon dioxide?
   ________________________________________________________________

7. Which of these is the most reliable way to see if a new gas has formed?
   
   a. Fill up a balloon  b. Flame test  c. Measure temperature  d. Look at it

8. How does hydrogen react in a flame test? ________________________________

9. Milk spoiling is an example of which type of change? ________________________________

10. What type of change is mixing air into egg whites to make frosting? _________________