Unit 1 Test Questions Period 3

1. Give an example of a physical change.
2. Would a different baking soda to vinegar ratio change the amount of reaction?
3. Compare and contrast physical and chemical changes.
4. What are the 3 states of matter. Give an example of one of the states.
5. What are the 4 states of matter?
6. What is the process called when changing states from gas to solid without going through the liquid phase?
7. What unit would a pencil be measured in to determine length?
8. Give an example of a chemical change.
9. How does the scientific notation make math and science easy?
10. What is the difference between a physical and a chemical change?
11. Write the unit names the following abbreviations stand for:
    1. m, g, L, k, da, c

12. Write 400 million in scientific notation.

13. Explain the difference between a physical change and a chemical change.

14. Define scientific notation.

15. 556 mg 7 g

16. Which phase of matter has the most energy and the least energy?

17. How many times bigger is dec-i compared to mill-i?

18. How could you measure the mass of a person

19. Write out 7.63 x 1012

20. What is 1 characteristic of a chemical change?

21. What are all types of matter?

22. What is the difference between chemical and physical change?

23. How does the state of matter and physical changes connect

24. What is the symbol (abbreviation) for 7.5 kilograms?

25. What signifies a state of change in matter?

26. What is the first step in the scientific method?

27. Analyze the process of freezing.

28. What types of measurements are on a triple beam balance?

29. What is a physical change

20. Identify the difference between chemical change and physical change?

21. Draw the metric conversion ladder.

22. If two substances can be separated by physical means then it is a \_\_\_\_\_\_\_\_\_\_\_\_ change.

24. Identify the 4 states of matter.

25. What are the types of matter?

26. What are the steps of the scientific method?

27. What type of change occurs when vinegar and baking soda are mixed together and how do you know?