Chapter 10 Study Guide

1. Know all the vocabulary on your flash cards!

2. Describe thermal contraction and thermal expansion. Give examples of each.

3. What are some signs that a chemical change took place?

4. Describe the Law of Conservation of Mass.

5. State 5 examples or uses of acids and 5 examples or uses of bases.

6. What type of ions are given off from acids? From bases?

7. What is neutralization? What type of products form from it?

8. What are electrolytes?

9. What are indicators?

10. Describe what happens to litmus paper in an acid or base.

11. Where would you find acids on the pH scale? Bases? Neutral?

12. What is the difference between a mixture and a compound?

13. What is sublimation?

14. What is a physical change? A chemical change? Give examples of each.

15. What is an ion?

16. What is the melting point of water? the boiling point? (in Celsius)

17. How many hydrogen atoms are in a water molecule? H2O

18. Describe changes of state

evaporation

condensation

freezing

melting

19. What are some examples of colloids?

20. What is the purpose of distillation?

21. What are some examples of alloys?