Test Review for Unit 9-Chemical Analysis

The definitions from the notes and the forensic packet will be matching.

Any type of question from the worksheets, labs and packet are fair game.

For sure you should be able to:

1. Answer questions about Chromatography
   a. Review your lab procedure and notes
   b. Read pages 85-87 in the Forensic Text

2. Be familiar with the following terms: [packet and lab procedure]
   - TLC
   - R_f value
   - Water
   - Hot water bath
   - NH₃
   - Molarity (M)
   - Acidic
   - Visualized
   - Capillary action
   - Centrate
   - HCl
   - Aqueous (aq)
   - Centrifuge
   - Solvent
   - Ethanol
   - Precipitate
   - HNO₃
   - Salt
   - Basic
   - Litmus paper

3. List the four methods for visualizing chromatography

4. Explain the basic procedure for performing TLC

5. Calculate R_f values

6. Answer questions about the poisons lead, mercury, arsenic, and cyanide.
   [poison lab procedure]

7. Fill in deleted portions on the poison lab flow chart.

8. Answer general questions about the poison lab.