

## Test Review for Unit 9-Chemical Analysis

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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	Visualized	Solvent
R <sub>f</sub> value	Capillary action	Ethanol
Water	Centrate	Precipitate
Hot water bath	HCl	HNO <sub>3</sub>
NH <sub>3</sub>	Aqueous (aq)	Salt
Molarity (M)	Centrifuge	Basic
Acidic	Litmus paper	
3. List the four methods for visualizing chromatography
4. Explain the basic procedure for performing TLC
5. Calculate R<sub>f</sub> 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.

# Poison Flow Chart

(Simulation)

