Pre-Lab Questions

1. Figure 1 is a sample paper chromatogram for three samples, A,B, C. Label the drawing with the following items: the stationary phase, the mobile phase, and the solvent front.



2. Calculate the Rf values for the spot in sample B using sample A as an example.

3. Sample C gave two spots on the paper chromatograph. What does this tell you about the composition of the sample?

4. Based on the Rf values of samples A and B, what can you conclude bout the intermolecular attractions both samples have for the eluent and the paper?