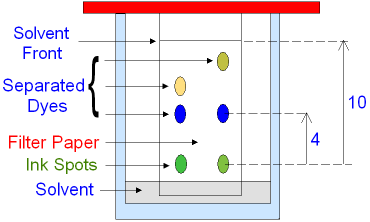
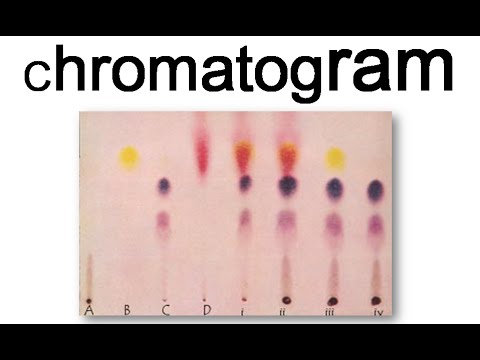
**Interpreting chromatograms**

Thin-layer chromatogram

Label your diagram with these key words:

**Chromatography paper, Solvent, Solvent front, Separated dyes, Samples**

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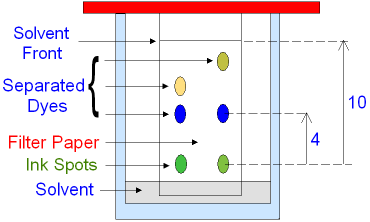
1. How many ink samples were separated by thin-layer chromatography in this investigation? (1 mark)

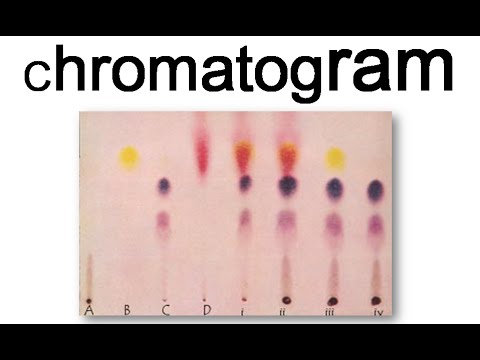
1. Which of these samples are pure substances? (1 mark)
2. Explain your answer to question 2 (1 mark)
3. Which of the samples are the most “impure” and explain how you decided upon this (2 marks)

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