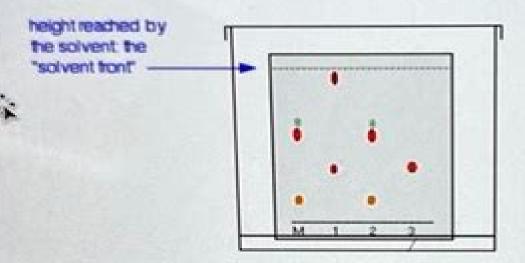
Sample Quiz: Paper chromatography

1. The diagram below shows a paper chromatography experiment:



- a. State three precautions that should be taken when performing such experiments.
- b. How many ions are present in sample M?
- c. From the set-up above, write a comment about sample 1
- d. Using sample 3 as an example, identify d(s) and d(m).
- Write down the formula for retention factor (R_f) of an ion in a paper chromatography experiment.
 - State two observations made in the above-mentioned experiment.

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RJ Alexander

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this book consists of 17 hands on chapters that include multiple laboratory sessions on the following topics Separating Mixtures Solubility and Solutions Colligative Properties of Solutions Introduction to Chemical Reactions Stoichiometry Reduction Oxidation Redox Reactions Acid Base Chemistry Chemical Kinetics Chemical Equilibrium and Le Chatelier s Principle Gas Chemistry Thermochemistry and Calorimetry Electrochemistry Photochemistry Colloids and Suspensions Qualitative Analysis Quantitative Analysis Synthesis of Useful Compounds Forensic Chemistry With plenty of full color illustrations and photos Illustrated Guide to Home Chemistry Experiments offers introductory level sessions suitable for a middle school or first year high school chemistry laboratory course and more advanced sessions suitable for students who intend to take the College Board Advanced Placement AP Chemistry exam A student who completes all of the laboratories in this book will have done the equivalent of two full years of high school chemistry lab work or a first year college general chemistry laboratory course This hands on introduction to real chemistry using real equipment real chemicals and real quantitative experiments is ideal for the many thousands of young people and adults who want to experience the magic of Biology for the IB Diploma Study and Revision Guide Andrew Davis, C. J. Clegg, 2017-07-10 Exam Board chemistry IB Level IB Subject Biology First Teaching September 2014 First Exam Summer 16 Stretch your students to achieve their best grade with these year round course companions providing clear and concise explanations of all syllabus requirements and topics and practice questions to support and strengthen learning Consolidate revision and support learning with a range of exam practice questions and concise and accessible revision notes Practise exam technique with tips and trusted guidance from examiners on how to tackle questions Focus revision with key terms and definitions listed for each topic sub topic

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