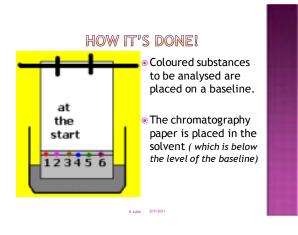
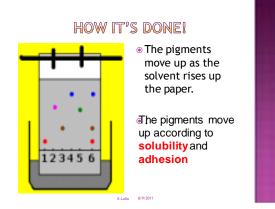


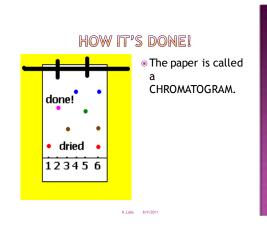
## **CHROMATOGRAPHY**

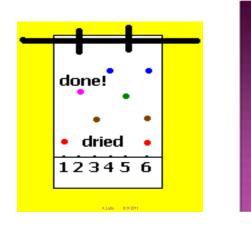
 A separating technique used to separate colours of a mixture

K.Lalla 8/9/2011









## SO WHAT DO WE DO WITH THESE RESULTS???

- The rate at which a solvent carries an individual component is measured in terms of the component's R<sub>f</sub> (rate of flow/ retention factor).
- Each individual spot in a chromatogram has its own R<sub>f</sub>
  (Distance of pigment)

(Distance of pigment from origin to center of spot)

 $\begin{array}{c} R_{\rm f} = \hline \\ \text{(Distance moved by} \\ \text{solvent from origin} \\ \text{to solvent front)} \end{array}$ 

K.Lalla 8/9/2011

