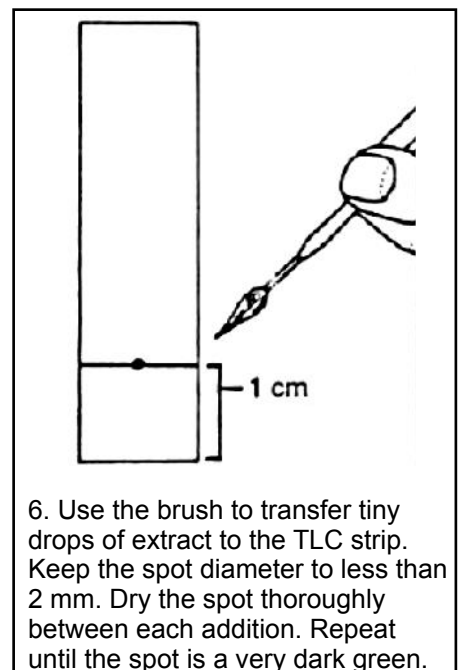
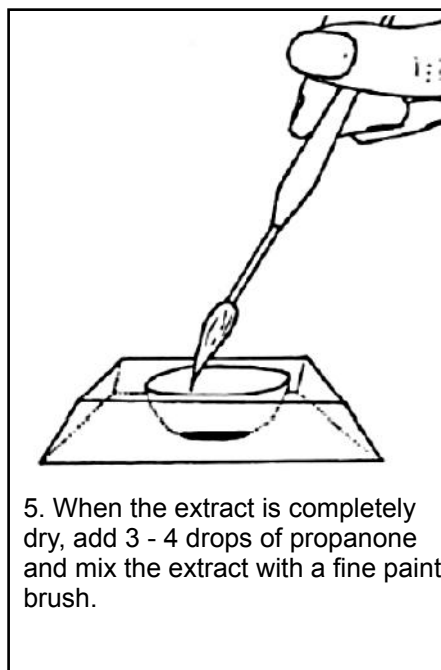
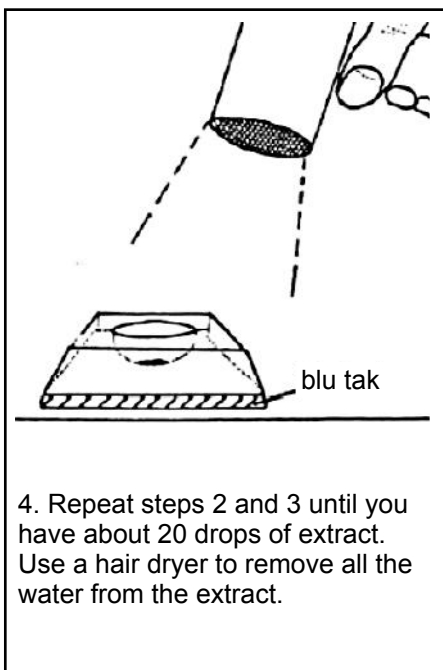
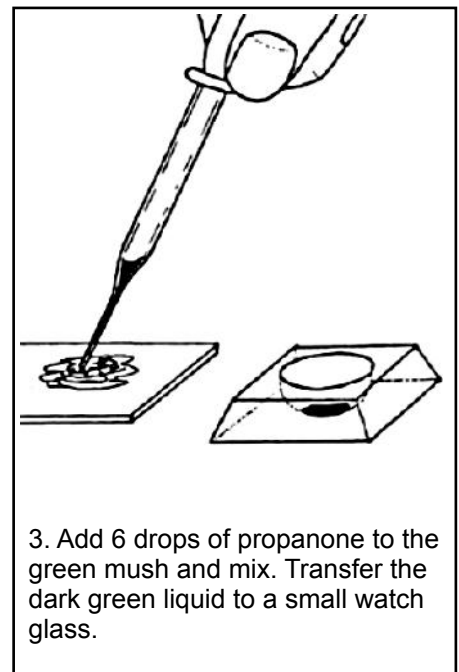
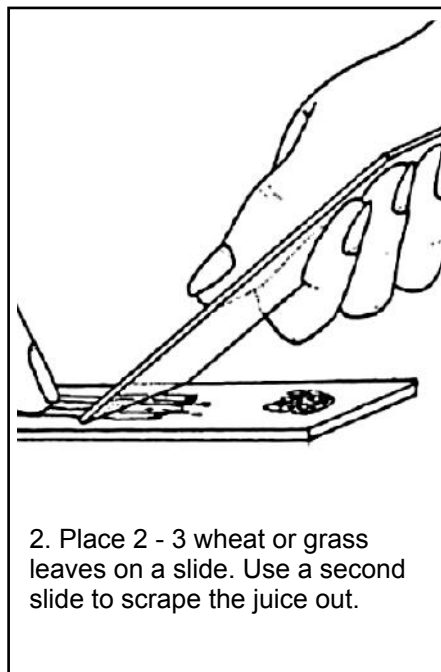
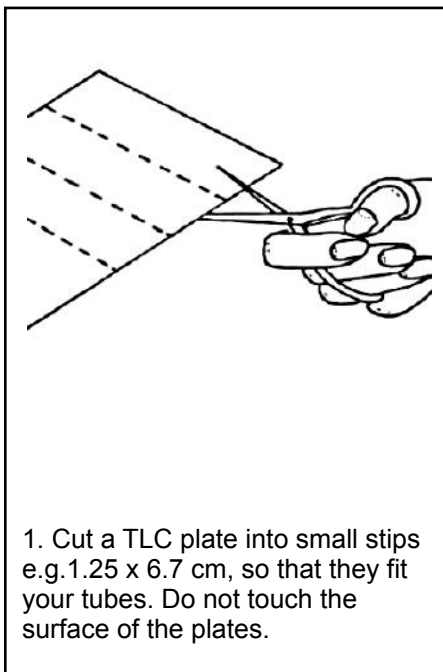
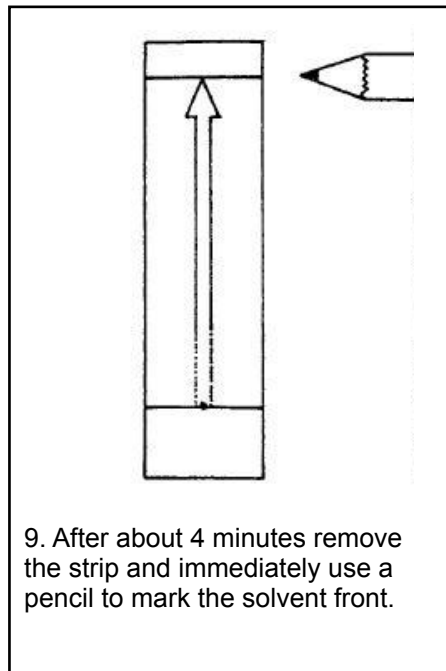
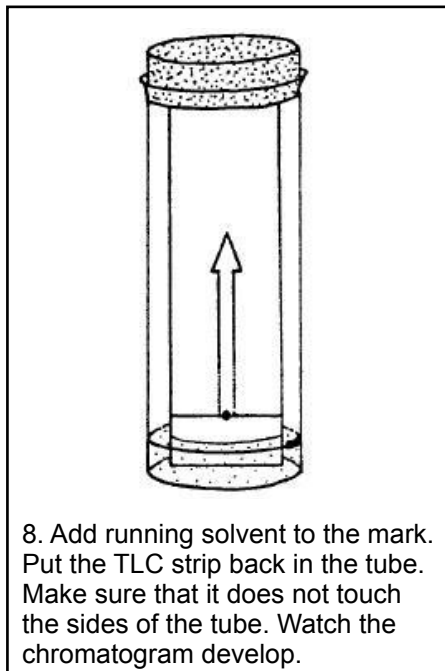
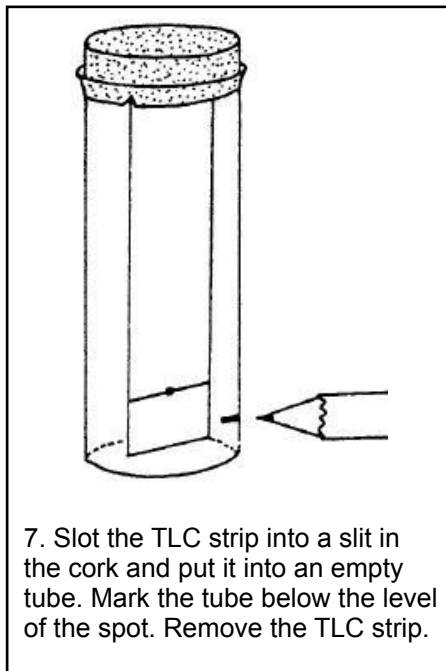


Thin layer chromatography for plant pigments

Read these instructions carefully before you start. Work quickly to get the best extracts.

WARNING: The solvents used in this investigation are flammable.





10. Measure the distance run by the solvent front and by each of the pigments. All measurements should be made from the centre of the original spot to the front of each pigment spot.

11. Calculate how far the pigment has gone relative to the solvent front. This is the R_f value. ($R_f = \frac{\text{distance run by the pigment}}{\text{distance run by the solvent}}$)

12. Draw a suitable results table. For each pigment record: the distance run, its colour, R_f value and possible identity.