

Molecules can move

Mobile phase

Molecules can't move

Stationary phase

Separation depends on the distribution of the substances between the two phases

Separates substances in a mixture

### 3.16 CHROMATOGRAPHY: SEPARATING MIXTURES

Allows the constituent substances of the mixture to be identified

Chromatogram

Retention times

Retention times

Depends on type of solvent used

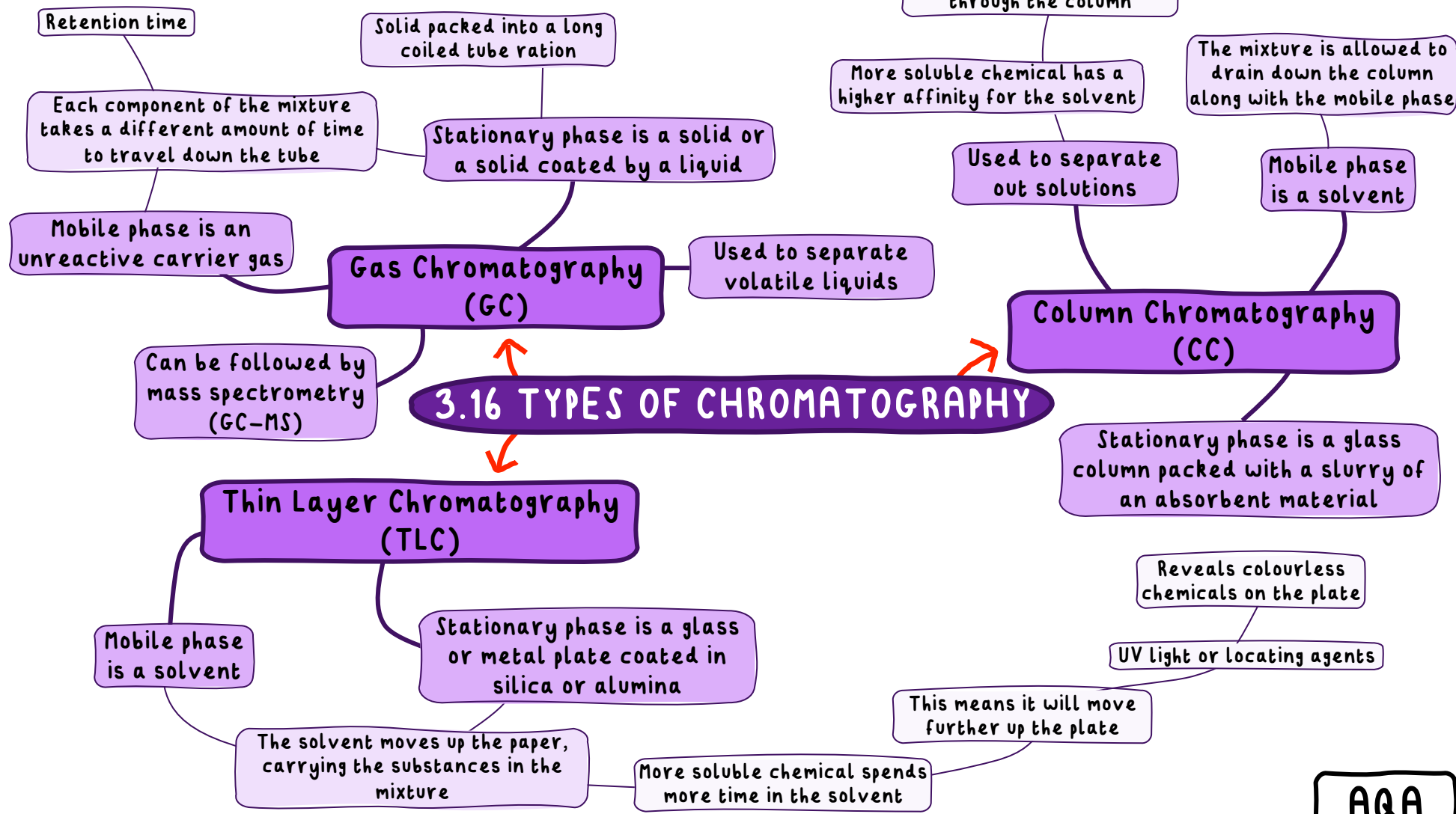
Different compounds have different Rf values/ retention times

Distance moved by solvent

Rf values

AQA





**AQA**

