**Summary of Separation techniques**

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| What needs to be separated? | Name of technique | Apparatus required | Details of how technique works |
| A mixture of two insoluble solids with different particle sizes |  |  |  |
| A mixture of two solids where one is soluble in water |  |  |  |
| Obtaining the solute from a solution |  |  |  |
| Obtaining the solvent from a solution |  |  |  |
| A mixture of two immiscible liquids |  |  |  |
| A mixture of two miscible liquids with different boiling points |  |  |  |
| A mixture of chemicals that can be dissolved in a solvent |  |  |  |

It may be useful to supplement this revision sheet with labelled diagrams of the apparatus set up to illustrate how each technique works (use the other side)