Separation techniques

1. What technique is used to separate sand from a mixture of sand, salt and water?

2. If we would look at a piece of filter paper under a very high power microscope, what would you find that explains how you can separate these materials from each other?

3. Why does the sand stay in the filter paper?

4. If we want to separate a solute from the solvent it is dissolved in, what technique should we use?

5. What 2 changes of state are involved in this technique?

6. What needs to be broken to allow evaporation to take place?

7. What needs to be removed from the gas particles as they move down the Liebig condenser to cause the steam to be changed into water liquid?

8. Where does this go once it has been removed?

9. What is the most common solvent (liquid) used during chromatography?

10. What gets separated from each other as the solvent moves up the chromatography paper?

11. How do they get separated from each other?