

Chemistry 11

Assignment on The Physical Separation of Substances

In your notebook, for each of the following methods of Separation, do the following:

1. Write the Title of the Method
2. Give a brief explanation of how the method works. Make your explanation understandable for a Chem. 11 student (or younger)
3. Give a few examples of real mixtures that can be separated by the method
4. For Distillation, Solvent Extraction and Paper Chromatography, draw a simple diagram of the apparatus set-up in your notes

The Methods:

1. Filtration
2. Distillation
3. Solvent Extraction
4. Recrystallization
5. Gravity Separation
6. Paper Chromatography

Information can be obtained from pages 53-58 in the Student Workbook, the internet or other Chemistry Text books.

The due date for this assignment is Wed, Feb 28/07.