

Module One Study Guide

1. Chromatography is a laboratory technique that is used by scientists to

_____.

2. Chromatography requires two vital ingredients. What are they?

a. _____

b. _____

3. How is separation of the components in a mixture accomplished by chromatography with a Sep-Pak cartridge?

4. What is the main chemical difference between a polar molecule and a non-polar molecule?

5. Will a polar molecule dissolve more readily in water or oil?

6. Will a non-polar molecule dissolve more readily in water or oil?

7. Give two examples of polar compounds found in most homes.

8. Give two examples of non-polar compounds found in most homes.