Name:

#61

What is paper chromatography?

What factor affects how far the molecules will move?

Complete the following table, indicating if the markers dissolved in each solvent

|  |  |  |
| --- | --- | --- |
|  | **Solvent** | |
|  | **Water** | **Alcohol** |
| **Permanent Marker** |  |  |
| **Non-permanent Marker** |  |  |

For your chromatograph, describe and explain the following in a paragraph:

If the source was soluble in the solvent (**provide evidence**)

What colors were in your source?

If you had more than one pigment, describe their relative sizes (**provide evidence**).

Attach your chromatographs to your write up.