Chromatography / Polarity lab.

**Promlem(s):**

1. **How can you use chromatography to compare the polarity of the die in a dry erase, the die in an overhead market and water?**
2. **What will happen to the polarity of water when you add 1-2 drops of soap to it?**

**Material: coffee filter, dry erase marker, overhead marker and beaker**

**Penny, plastic pipette, penny**

**Data:**

|  |  |  |
| --- | --- | --- |
|  | **Ran the most?** | **Drops of water on a coin** |
| **Over Head Marker** |  | **x** |
| **Permanent Marker** |  | **x** |
| **Tap water** | **X** |  |
| **Soapy water** | **X** |  |

**Conclusion.**

1. **Use at least 50 words.**
2. **Use 5 complete sentences**
3. **Use the following terms:**

**Chromatography**

**Polarity**

**Oxidation charges**

**Oxygen**

**Hydrogen**