Tie Dye Lab

Problems:

1. What chemical is in the T- shirts?
2. How are traditional dies different from reactive dies?

Material: beakers, plastic pipettes, shirts, Sodium Carbonate, Urea, Die powders, scale & trash bags.

Observations:

|  |  |
| --- | --- |
| Color | Did it run? How much compared to the others? |
| 1.) |  |
| 2.) |  |
| 3.) |  |
| 4.) |  |
| 5.) |  |
| 6.) |  |
| 7.) |  |

Conclusion: 50 words. Use the following terms:

Chromotography, Polar molecules, water, sodium carbonate, Reactive dyes.

Answer the following questions:

1. Which color ran the most? Does this make it the most polar or the least polar? Why?
2. Which color ran the least? Does this make it the most polar or the least polar? Why?
3. What is a polar molecule?