

Name: \_\_\_\_\_

## Paper Chromatography

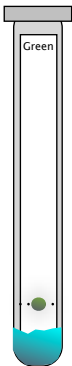
### Define the following

Pure Substance --

Mixture--

### Hypothesis

Create a hypothesis about the color of markers and whether they would be a pure substance or mixture:



### Procedures

Use the diagram above to help create your chromatography setup.

1. Choose 6 different colors for your six test tubes.
2. Draw a pencil line 2 cm from the bottom of the paper.
3. Use the pencil to label the top of the paper with the name of the color.
4. Place a dot of the color on the line.
5. Add 2 pipets full of Isopropyl Alcohol to the test tube.
6. Insert the paper into test tube. Be sure the dot does NOT touch the alcohol in the bottom of the test tube.
7. Repeat this for all 6 colors and begin observations.
8. When making observations, list the colors seen and classify the color as a mixture or pure substance.

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Color of Marker	Observations	Mixture or Pure

Conclusion: