

## Paper Chromatography

The dyes in six different black inks were separated using six different solvents.

1. How many different dyes do you see in each of the six black inks?

Ink	# of Dyes	Ink	# of Dyes

Stay at the last ink sample you visit. What is this ink? \_\_\_\_\_

1. Would this be a good ink to use to mark something that will get wet? Why or why not?

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2. Would this be a good ink to use to mark something that you will want to completely wash off later? Why or why not?

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3. What might it mean if the inks from different brands of pen produced identical paper chromatography results?

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