

NAME: \_\_\_\_\_ PERIOD: \_\_\_\_\_

**ACTIVITY #8 - CHROMATOGRAPHY**

**PURPOSE:**

**OBSERVATIONS:**

GREEN	RED	BLACK

**REPORT:**

- 1) How many different colors did the green produce? \_\_\_\_\_
- 2) How many different colors did the red produce? \_\_\_\_\_
- 3) How many different colors did the black produce? \_\_\_\_\_
- 4) What does each color represent? \_\_\_\_\_
- 5) What properties of matter does this experiment rely on? \_\_\_\_\_

\_\_\_\_\_

- 6) Were the colors that went the highest on the paper MORE or LESS dense than the colors that stayed near the bottom? Why?

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- 7) Draw a model of how this process works. ( HINT – Start by drawing the lab setup. Then use arrows to show direction, label the colors, and label the more or less dense areas.)

**CONCLUSION:**