4) Manipulating the variables:

1 marks

Controlled Variable	How will you keep this controlled?	How could it affect your results if not controlled?		
Some volume Of solvent	Keep using the same keep putting the same amount of solvent and Keep it for the same	the colors that are made we the length of the will also change		

5) Materials and Method:

1 mark

paper towel strips/ Coffee filters

glass cups

Pencil

Ruler

Permanent markers Write the colors that you used (Use three colors one of them is black)

Water

Rubbing alcohol/ nail polish remover/ vinegar Write the solvent that you used . A Constant of the solvent that you

Mothad: What are the stens of the investigation?

Watch as the water rises up the strips.

g. Record your observation. (What happens to the colored lines on the strips? Does the color run up as well? Do you see any color separation?

10. Repeat steps 1-9 using another solvent. Write the solvent that you used

allow

Safety precautions

Don't use rubbing alcohol/ nail polish remover near flames. Wash hands after using any chemical.

6) Results

Data

Solvent	Color 1	Colors appeared& distance travelled by each color/ cm	Color 2	Colors appeared & distance travelled by each color/cm	Color 3	Colors appeared& distance travelled by each color/on
Water	blade	red 4.5 due 4.5 orang cm	gree	blue 4.1 t cm yellow	ofaul	ried 5.5
Other solvent rubbing of carbon	ol ne N	My blace green U.S cm	reen	blue and yellow U.5 (n.	bish	black to bage red + the

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