

RESULTS

Table

Fill out the table for each of your trials. For the variables that remain constant, write the value in trial A. Then, draw an arrow through each box indicating that this variable is a control.

Underline controls, circle changing variables, and box information about data collection.

Variables	Trial A	Trial B	Trial C	Trial D	
<u>Container:</u>	Test Tube	→			
<u>Time:</u>	5 min	→			
Liquid Type:	RA	Soap	Water	Vinegar	
<u>Liquid Amount:</u>	2 mL	→			
<u>Paper Type:</u>	Original	→			
Pen Color:	Red	Blue	Light Green	Yellow	
<u>Pen Type:</u>	Mr. Sketch	→			
<u>Initial Dot Height:</u>	2 cm	→			
<u>Cap Placement:</u> <small>Other Variable</small>	On	→			
Predictions	Trial A	Trial B	Trial C	Trial D	
Put a "T" in the trial that will give the tallest smear and an "S" in the trial that will give the shortest smear.	T		S		
Data	Trial A	Trial B	Trial C	Trial D	
Measurements:	Smear Height:	7.5 cm	0 cm	7.5 cm	7 cm
	Liquid Height:	9.5 cm	2 cm	9.5 cm	9 cm
Observations:	Other:	Pink, Red	Liquid did not reach dot	Yellow	Blue, Green, Yellow

The independent variable(s) is(are) the changing variable(s) and the dependent variables are the final measurements/observations.

NOTES ON PRESENTATIONS

What variables affect smears?

Subgroup 1

Changing Variable:				
Smear Height (cm):				

Summary: _____

Subgroup 2

Changing Variable:				
Smear Height (cm):				

Summary: _____

Subgroup 3

Changing Variable:				
Smear Height (cm):				

Summary: _____

Subgroup 4

Changing Variable:				
Smear Height (cm):				

Summary: _____

Subgroup 5

Changing Variable:				
Smear Height (cm):				

Summary: _____

Subgroup 6

Changing Variable:				
Smear Height (cm):				

Summary: _____

Subgroup 7

Changing Variable:				
Smear Height (cm):				

Summary: _____

Subgroup 8

Changing Variable:				
Smear Height (cm):				

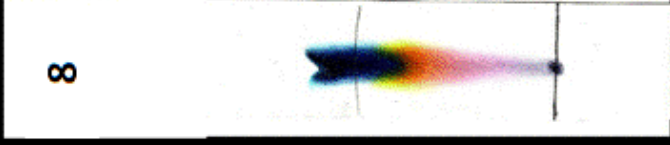
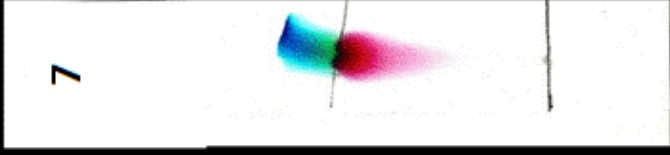
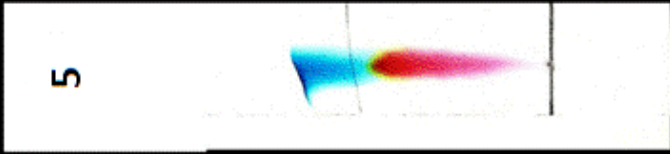
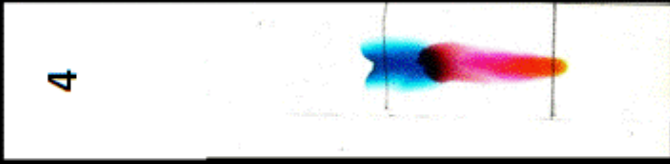
Summary: _____

Subgroup 9

Changing Variable:				
Smear Height (cm):				

Summary: _____

Robber
ink from
letter



8

7

6

5

4

3

2

1