Names: Kaelyn, Amy Colby

IV vs DV: IV- Amount of acid rain used
DV: The length of the Chalk

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Amount of water and vinegar	100mils water 0 vinegar	90mils water 20mils vinegar	80mils water 20mils vinegar	70mils water 30mils vinegar	60mils water 40mils water
Mass after vinegar	9.99	4.47	5.7	5.3	5.2
observation	All turned brown, no cracks, no sig. change	‘’ minor splitting	‘’ splits and cracks more severe	‘’ splits and cracks even more severe	‘’ splits and cracks very noticeable and deeps

Names: Ryan, Lukas, Amani, Michael

IV vs DV:

We put a piece of chalk in water

We put a piece in vinegar

And a piece in a 50/50 mix of the 2

100 mL of liquid	100mL water	50mL vineger, 50 mL water	100 mL water
Mass before water/vinegar	8.6 grams	8.2 grams	8.5 grams
Mass after water/vinegar	8.9 grams The chalk was very solid, not many bubbles in water	8.6 grams Bubbles in the water, weaker.	8.8 grams Lots of bubbles coving chalk, very weak and breakable
difference	+0.3 grams	+0.4 grams	+0.3 grams

Names: lyla lacey brook

IV vs DV: IV= Level of acid DV= Mass of chalk

	Trial 1 - 1 min	*Trial 2 - 2:30 mins*	*Trial 3 - 5 mins*
Mass before	*10.75 g*	*10.75g*	*10.75g*
Mass after	*11.10g*	*11.21g*	*11.24g*
Difference	*Increased 0.35 g* *Darkened* *Stickier*	*Increased 0.46g* *Darkened* *Slimier* *Smoother, rounder edges*	*Increased by 0.49g* *Darkened* *Crumbly* *Middle is dry* *Smooth on outside*

Names: Josh, Jordan, and Tyler

IV vs DV: IV-Amount of acid rain. DV- Mass of the chalk

Mass before	4.29	3.51	2.81
Mass after	VInegar Drops 4.27	Water Drops 3.61	Soaked in vinegar 3.76
Difference	- 0.2	+ 0.10	- 0.5

Names: Emily, Chassidy, Cameron, Renee

IV vs DV:IV:amount of vinegar DV:the change in the weight of the chalk

measurements	*Trial 1*	*Trial 2*
water	*50 mL*	*25 mL*
vinegar	*50 mL*	*25 mL*
Start weight water	*3.2*	*2.5*
Start weight vinegar	*3.3*	*3.4*
End weight water	*3.7*	*3.4*
End weight vinegar	*3.5*	*3.3*