

Group #1

# Average Density of Pennies Since 1982

	Pre-1982	Post-1982
mean		
standard deviation		
relative standard deviation		
95% conf int		
Upper		
Lower		

Table 1. This table displays the means, standard deviations and confidence intervals of six sample groups of pennies made before and after 1982. for...? (density)

→ title at top — short text

→ good... for a large data set a summary is typical... for a small data set, as we have here, including the actual data is useful

Table 1: Penny Density Pre and Post-1982 (mean  $\pm$  SD)

	avg. Mass (g)	avg. Vol. (mL)	avg. Density (g/mL)
Pre-1982			
Post-1982			

more summary stats helpful

for a large amount of data we probably would just provide summary stats, but for a small data set we might also include the individual results

Group 2 II

Table 1. Showing density of pennies minted before and after (but not including) 1982. <sup>excluding</sup>

	density (g/mL) pre 1982	density (g/mL) post 1982
mean		
rel st dev		
95% conf int		

Table 1. A sample of 6 pennies were collected for each group. The pennies were ~~was~~ weighed and volumes were measured by ~~precise~~ recording volume of water when added.

→ just title at top... no caption

Group 3

→ if we had 100 ~~penn~~ samples, then a summary of stats is reasonable... with just six samples, listing their values also is useful

Table 1. Density of Pennies (n=6)

	Pre-1982	Post-1982
Mean (g/mL)		
Standard Deviation		
Relative Standard Deviation		
95% Confidence Interval		
Upper Limit		
Lower Limit		

Figure 1. -----  
↪ table

for a large set of data we likely would just report a summary such as this... but, for a small set of data, we likely would show the individual results as well

Group 5

	mean	st. dev	rel. st dev	upper	lower
Density pre - 1982					
Density post - 1982					

↑  
(g/mL)  
↑  
unit

95% confidence interval

title at top Table 1.

given the small amount of data (just six samples per set) we likely would also choose to show the data itself

Table 1. Penny

Composition

Pre, and Post 1982

Group 6

units  
Pre 1982

Post 1982

	Pre 1982	Post 1982
avg mass (g)		
avg volume (ml)		
avg density g/ml		
st. dev		
rel. st. dev		
95% conf int		

good structure for reporting  
summary stats... given small  
number of samples, we also  
might choose to include them as  
well

Table 4. PRE - 1982

Sample	mass (g)	volume (mL)	density (g/mL)
1	15.074	1.800	8.708
2			
3			
4			
5			
6			

← units

POST - 1982

sample	mass	volume	density
1	12.700	1.800	7.056
2			
3			
4			
5			
6			

very complete!

Density Statistical Analysis

	Pre-1982	POST 1982
mean	8.805	7.282
rel. st. dev		
95% CI		
upper		
lower		

units

↓  
(g/ml)

Table 1.

density pre-1992

density post-1992

sample 1	sample 2	sample 3	sample 4	sample 5	sample 6	mean	st dev	rel. st. dev	conf. t	upper	lower

very wide

Consider swapping rows & columns



# GROUP 1

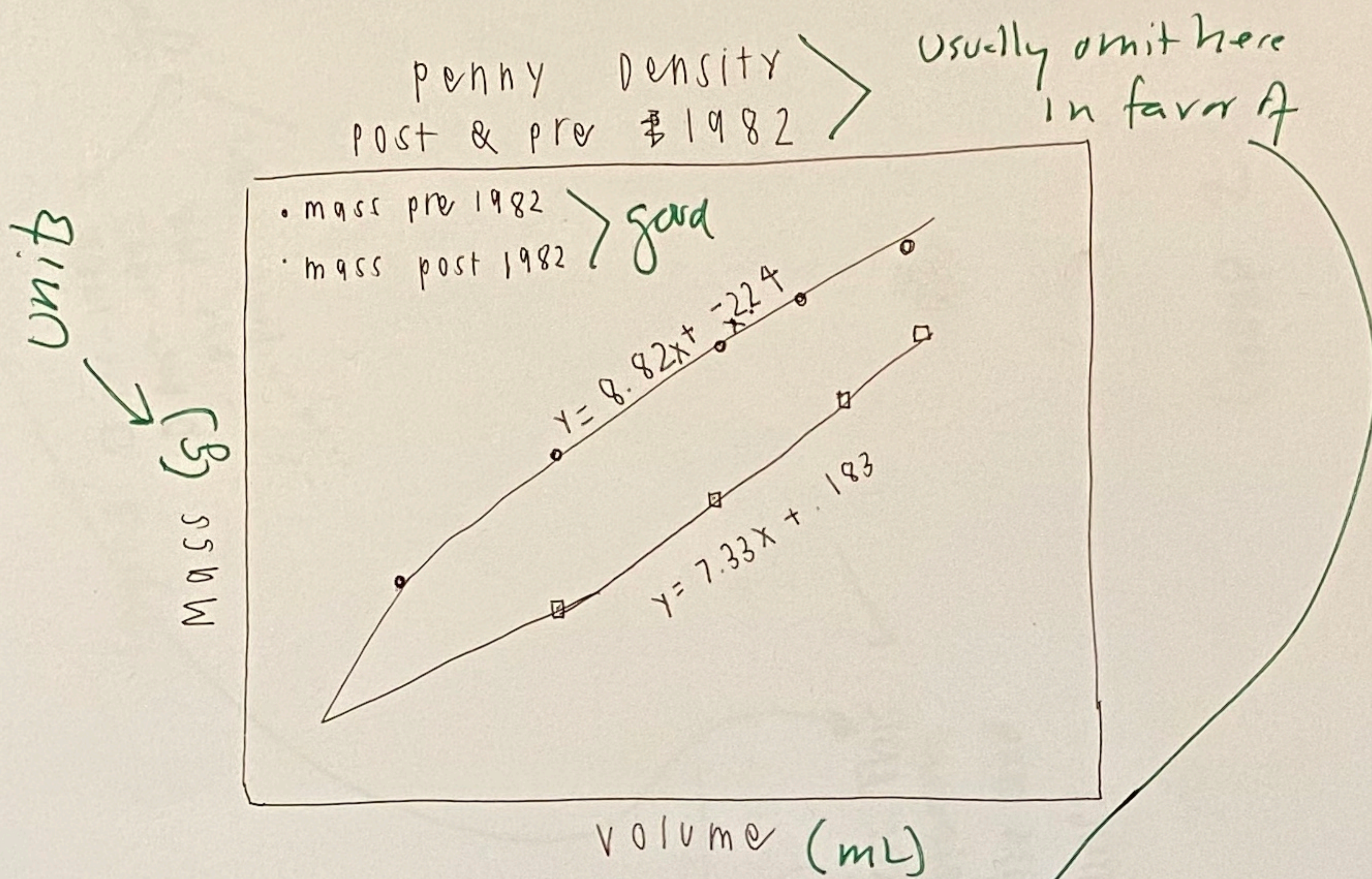
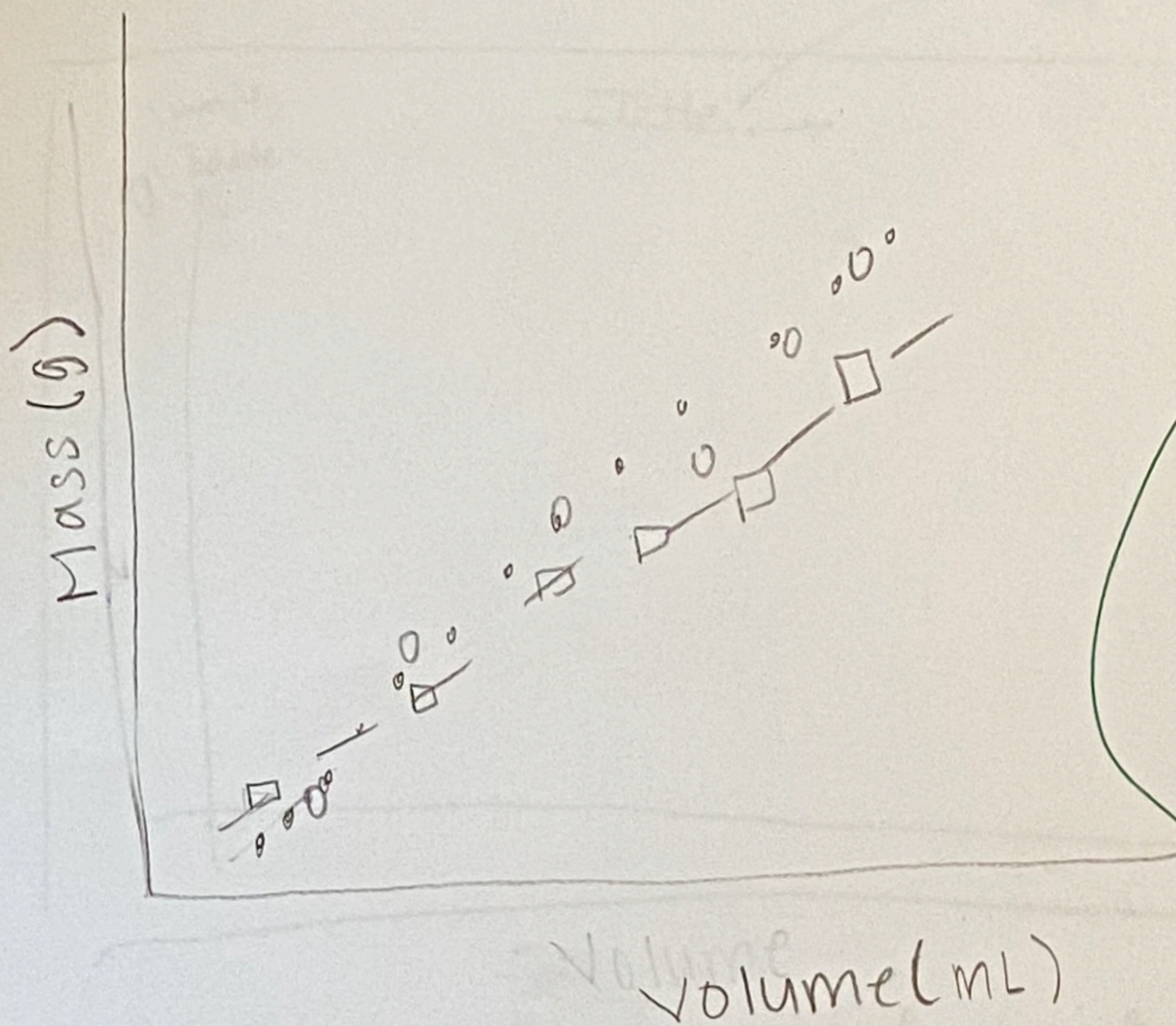


Figure 1. This figure displays . . . . .

~~Mass vs Volume of Pennies~~

omit here in favor of



Legend:  $\square$  pre-1992  
 $\circ$  post-1992  
--- pre-1992  
... post-1992

} Gold

Figure 1. Mass v. Volume of Pennies: This figure shows the relationship between mass and volume for pennies pre and post 1992 and their trendlines

GROUP 2

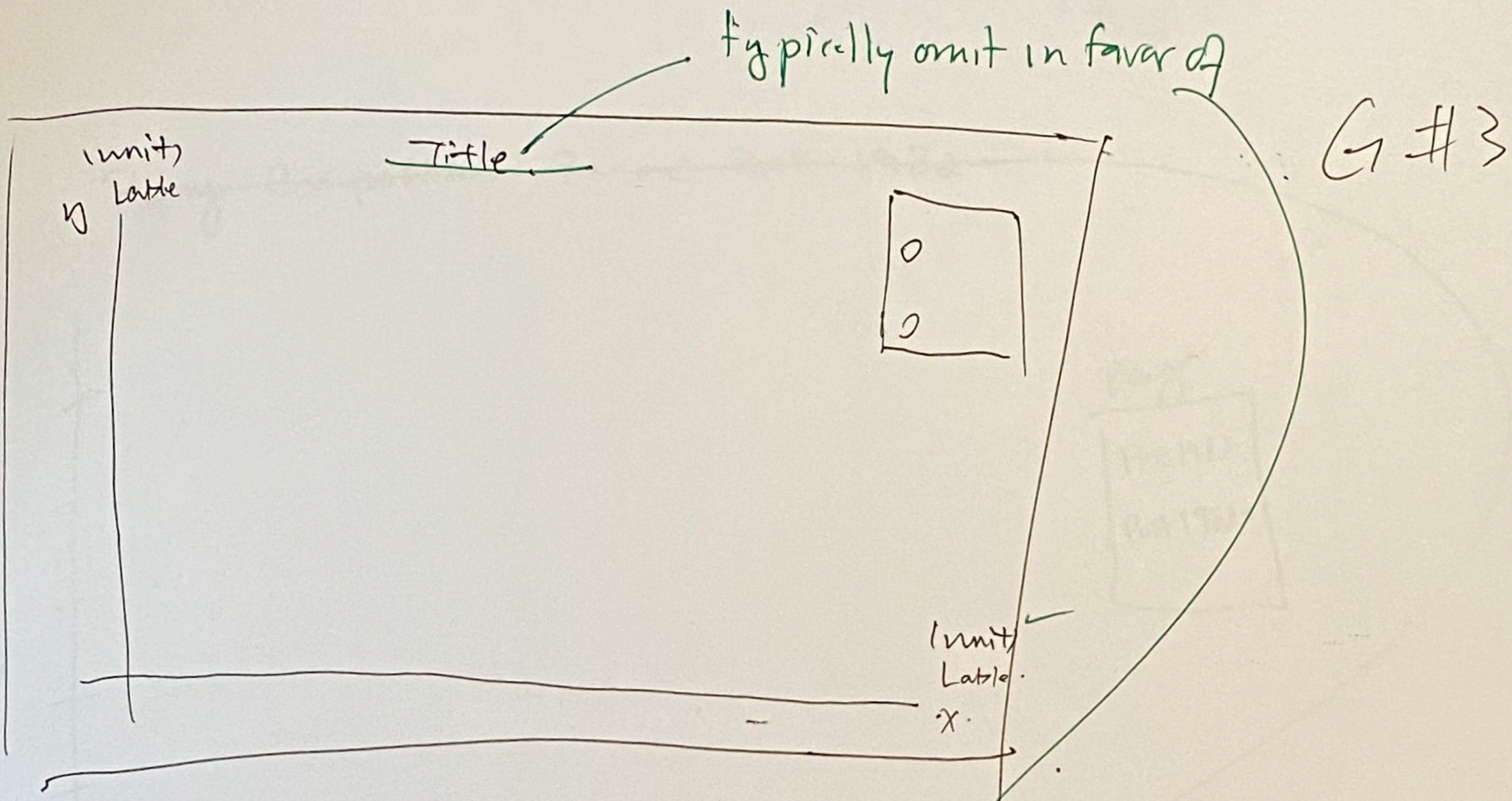


Figure 1 : Description of the figure

# ~~Penny Composition Pre and Post-1982~~

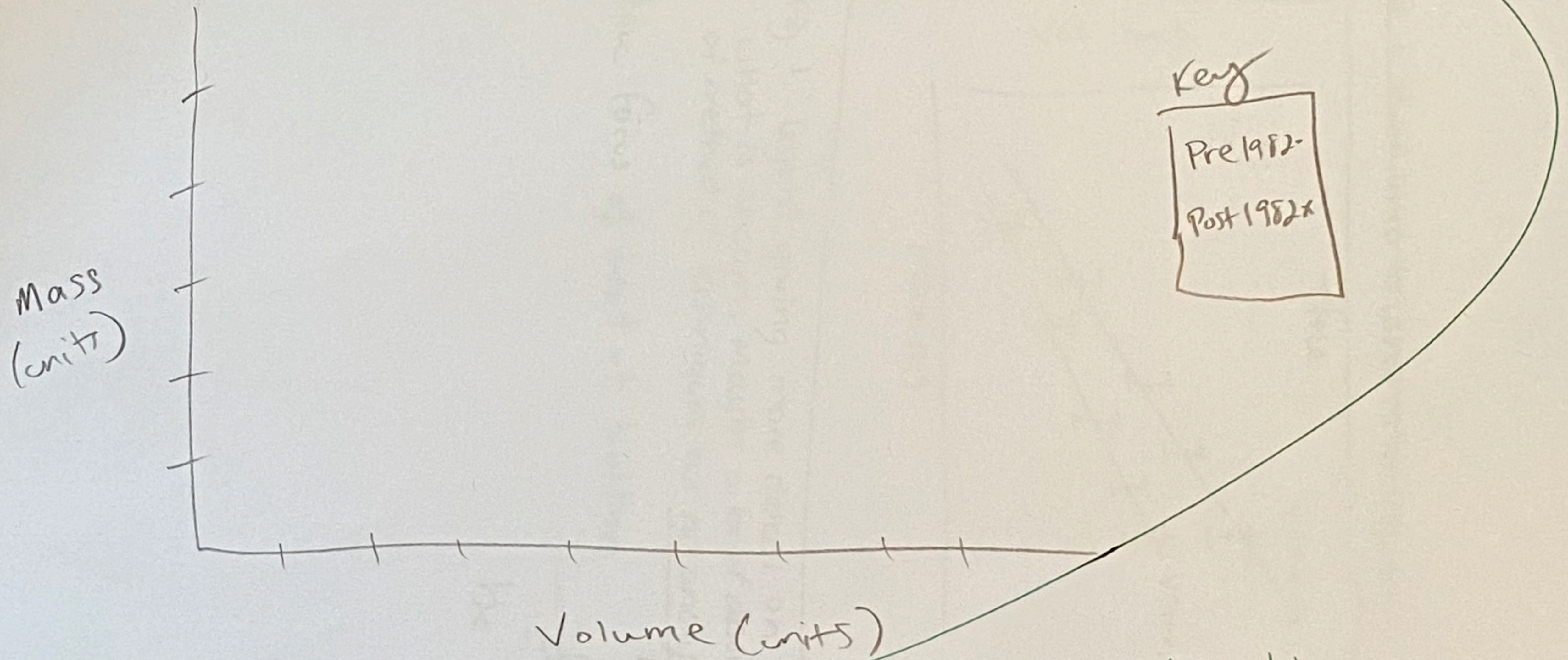


Figure 1. Description

← typically omit title at top  
in favor of detailed caption  
at bottom

Group 4

~~Figure 1 Brief intro to what is in figure~~

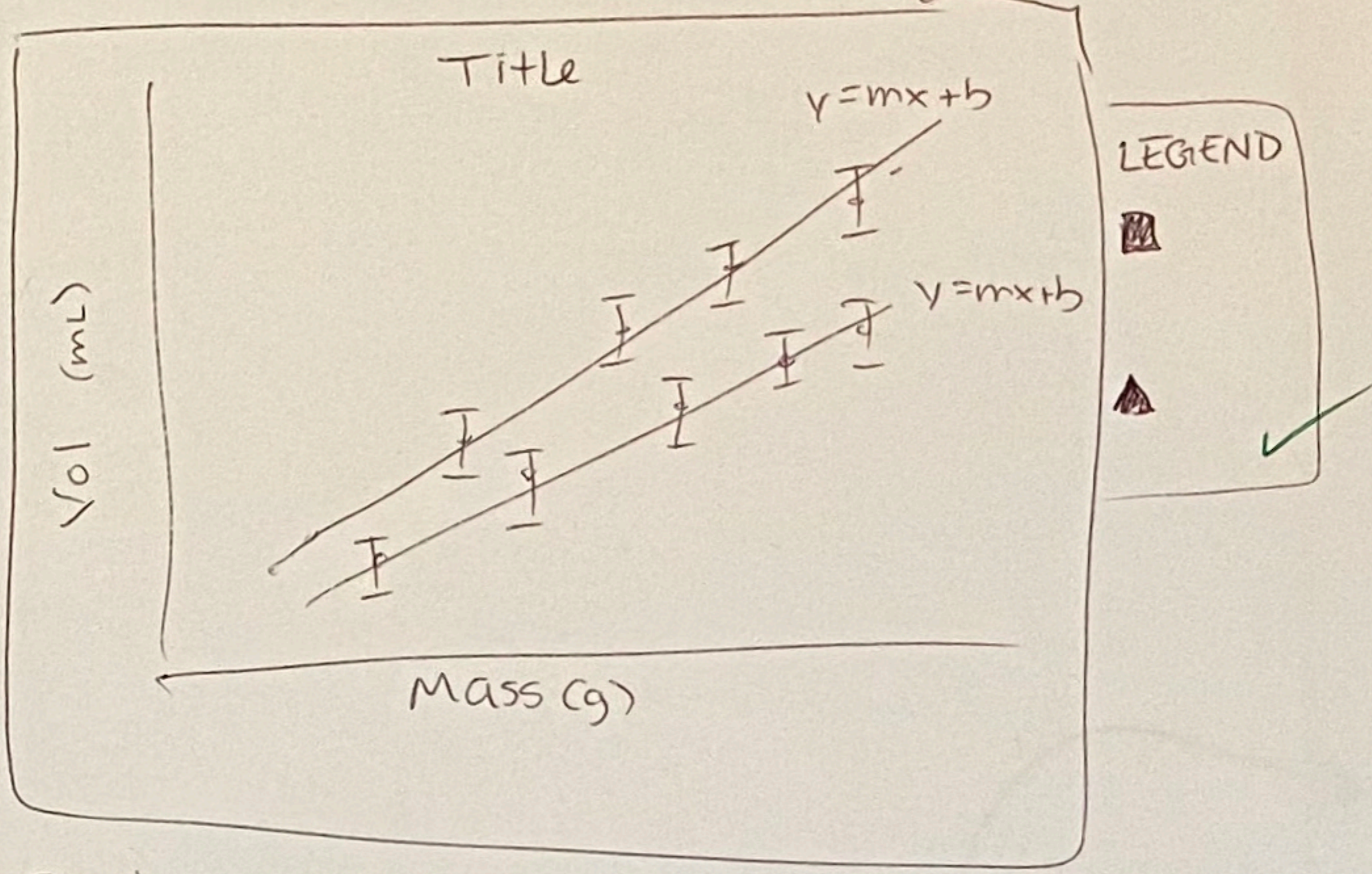


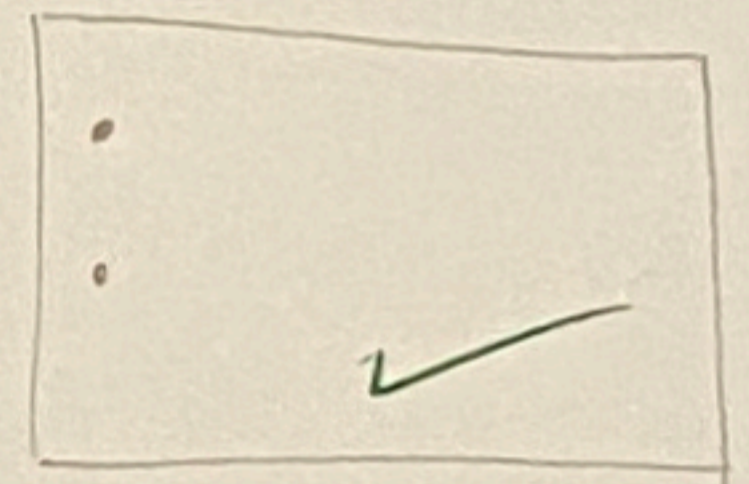
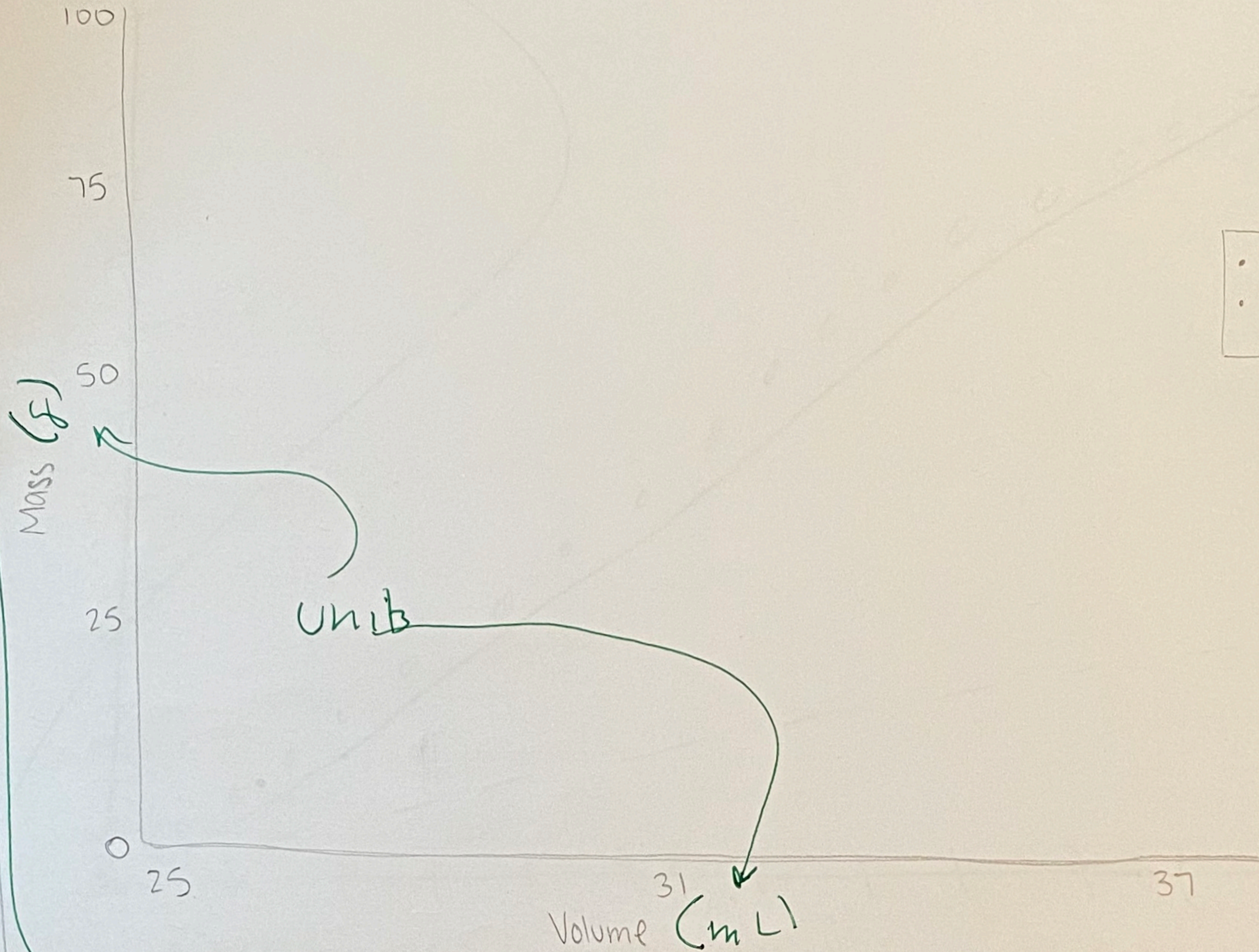
Fig 1. legend giving more detail on what is shown. maybe a brief description of method or techniques but no analysis.

place focus of text at bottom

depends... we can be flexible here

Figure 1. Penny Density

Penny Density

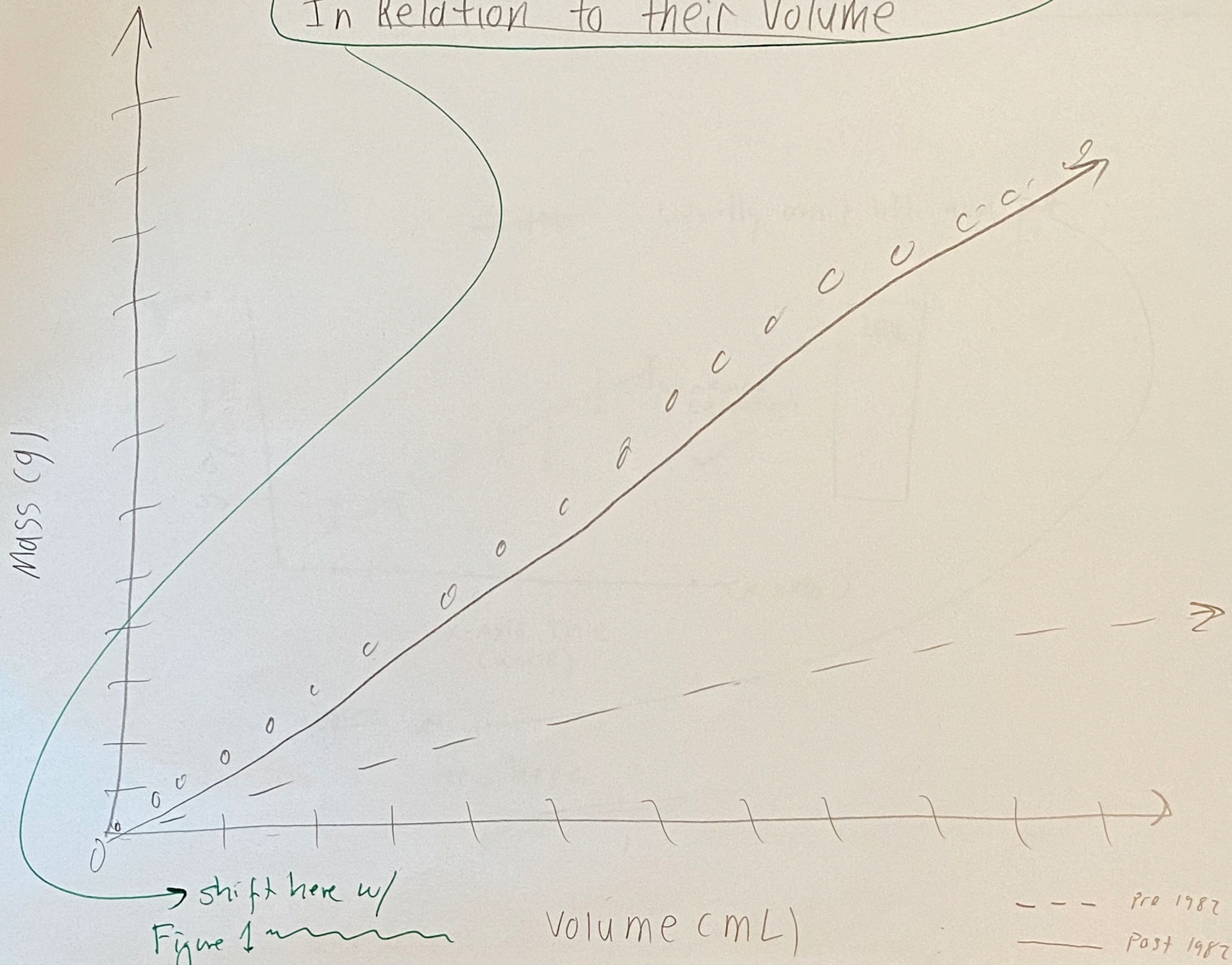


→ caption here

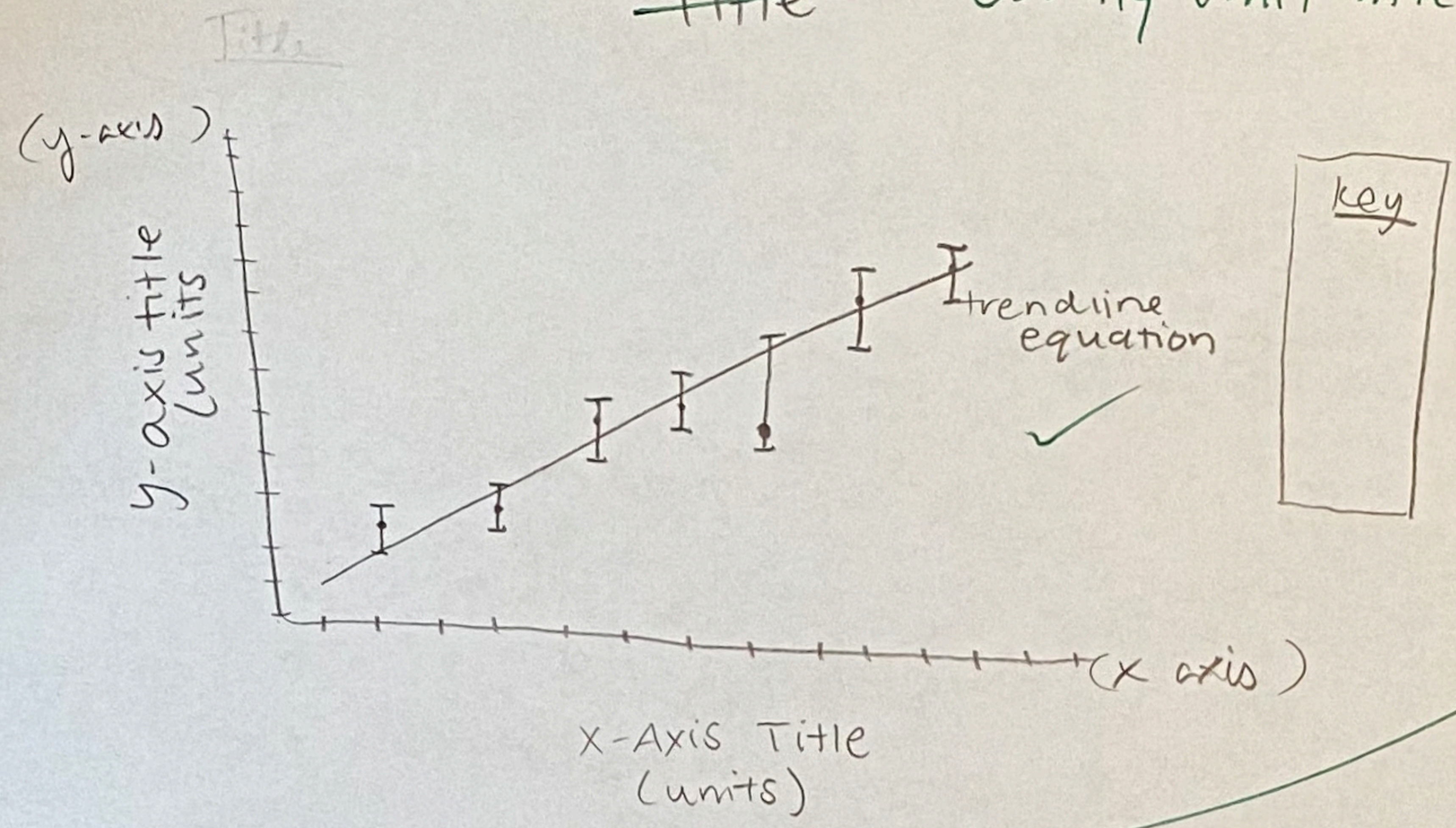
Group 6

Group 7

Masses of Pre-1982 vs. Post-1982 Pennies  
In Relation to their Volume



~~Title~~ Usually omit title and put



Caption ← focus here