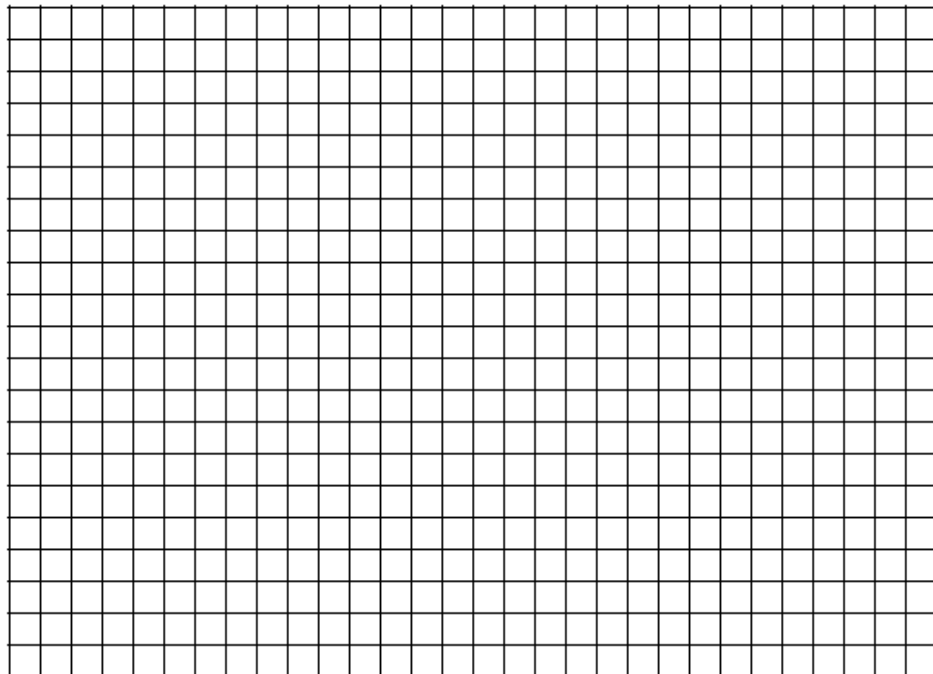


Density Exercise

1. Complete the data table for Aluminum with a density of 2.7 g/cc.
 - a. Write formula used. Plug in numbers. Solve algebraically.
 - b. Be sure to show work and units.
2. First column on data table always represents IV (x-axis). Label graph axes with variable and units. Include descriptive title.
3. Plot data points onto graph of best fit (line graph that intersects the most points). Use a straight edge/ruler.
4. Calculate slope = $Y_2 - Y_1 / X_2 - X_1$ using data from table. Label as slope.
5. How does the slope relate to the data?

Volume (cc)	Mass (g)
	100
	220
5	
18	
2	



Bonus: Use the graph to determine the volume of 160g of aluminum? _____