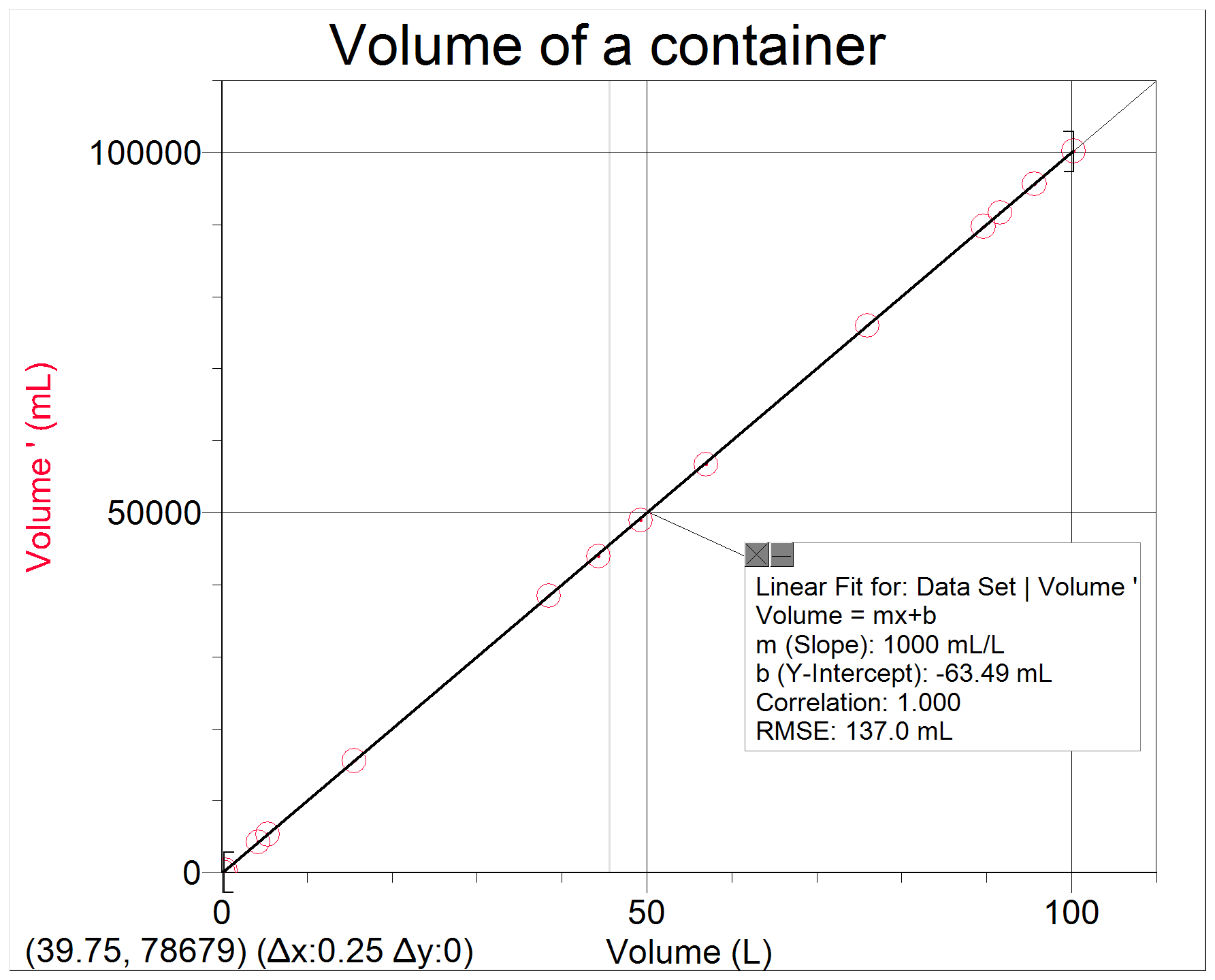
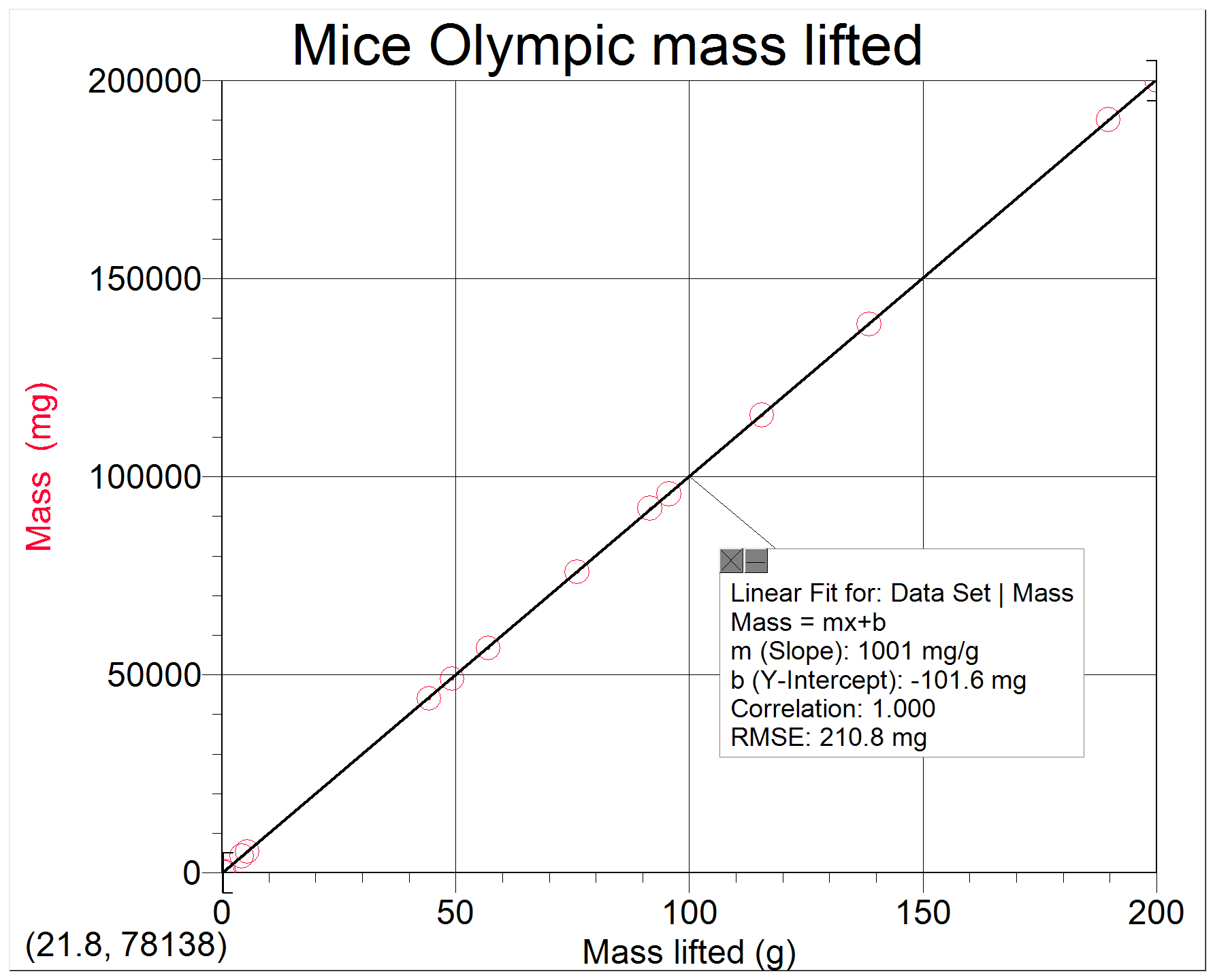
Name \_\_\_\_\_\_\_\_\_\_\_ Date Pd

Unit 1: “For Every ….. there is….”

1. Write a mathematical equation for the relationship in the form y = mx + b. Include a value for the slope.
2. What are the units of the slope?
3. Write a “For Every” statement that describes the meaning of the slope.
4. What is the volume of the container in *Liters* when we measure it to be 624 mL? Show some work.
5. What is the dependent variable\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?

What is the independent variable\_\_\_\_\_\_\_\_\_\_\_\_\_\_?

1. What is the value of the y-intercept\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?

What is the meaning of the y-intercept for this particular data set?

1. Write a mathematical equation for the relationship in the form y = mx + b. Just write “m” for the slope.
2. What is the slope of the line? Show some work. (Include Units)
3. Write a “For Every” statement that describes the meaning of the slope.