CHANGING THE DATA TABLE COLUMNS HEADINGS

- 1. Double click on the column heading on the data table
- 2. Type in your new column heading in the "Name" box:

Manual Column Options Column Definition Options	•
Labels and Units: Name:	Generate Values Numeric Values
Lock Column (Prevent Cell Editing)	Start: 1 End: 100
Data Type: Numeric 💌	Increment: 1 Number of cells: 100
Неф	Done Cancel

INCLUDING UNITS IN COLUMN HEADINGS

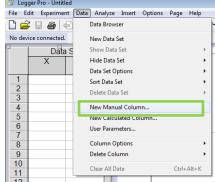
- 1. Double click on the column heading on the data table
- 2. Type in your units underneath the column title in the "Units" box:

Manual Column Options	
Column Definition Options	
Labels and Units:	Generate Values
Name:	Numeric Values 👻
Short Nm: Units:	Start: 1
Lock Column (Prevent Cell Editing)	End: 100
Data Type: Numeric 🔻	Increment: 1
	Number of cells: 100
Help	Done Cancel

Adding a New Manual Columns

- 1. Along the top menu bar, click on "Data"
- Select "New Manual Column..." from the drop down menu to insert a normal column to manually enter data →

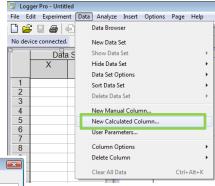
 ^[2] Logger Pro-Untitled
- 3. This will open up the options menu so you can title your column and include units

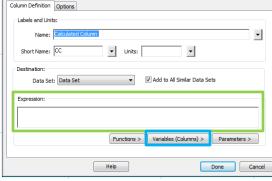


ADDING NEW CALCULATED COLUMNS

- 1. Along the top menu bar, click on "Data"
- 2. Select "New Calculated Column..." from the drop down menu \rightarrow
- 3. This will open an options menu where you can name the column and add units.
- 4. To set the calculation, type the **equation into the box** provided. Use the **"Variables (Columns)**" button to select the columns you want to utilize in the calculation.

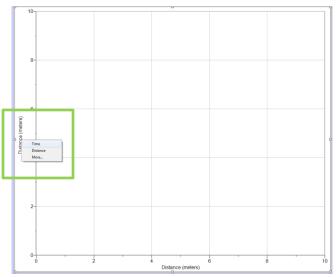
New Calculated Column





CHANGING VALUES PLOTTED ON EACH AXIS

- 1. Click on the axis label on which you want to change the values being plotted
- 2. Select the column you want to have graphed on that axis



TITLING GRAPH

- 1. Double click anywhere on the graph
- 2. Type the desired title into the "Title" space provided:

Graph Options		*
Graph Options Axes Options		
Title:	_	
ļ		black 👻
Examine:	Appearance:	
Interpolate	Point Symbols	Note: Error bar calculations and Point Symbol styles are
Mouse Position and Delta	Connect Points	set in the Column Options dialog for each column.
E Legend	V Error Bars	dialog for each column.
New Data:	X Error Bars	
Add New Data Sets and Columns	Draw Visible Spectro	um (Wavelength Graphs)
Grid:		
Major Tick Style:	— Solid 👻	gray 🔻
Minor Tick Style:	No Line 👻	gray 🔻
Help		Done Cancel
		Curice

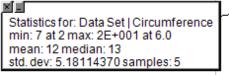
GRAPH AND AXES OPTIONS

- 1. Double click anywhere on the graph
- 2. Click on the "Axes Options" tab
- 3. From here you can set the axes labels if different from a column heading, select multiple columns to be graphed on the y-axis, and set the scale for your axes.

Graph Options	×
Graph Options Axes Options	
Y-Axis:	Right Y-Axis:
Label:	Label:
White Columns.	Right Y-Axis Columns:
⊡Data Set	Data Set
Distance (meters) Time (seconds)	Distance (meters)
Scaling: Autoscale Larger	Scaling: Autoscale Larger 🗸
Top: 10	Top: 100
Log Axis Bottom: 0	Log Axis Bottom: 0
Column: Distance (meters)	Scaling: Autoscale Larger
	, <u></u>
Rotate Tick Labels 0 Degrees	Left: Right:
Make All Values Major Ticks	0 10
Help	Done Cancel

USING THE STATISTIC FUNCTION

- 1. Click on this icon:
- 2. A label will pop up on your graph showing the maximum value, minimum value, median value, and mean value for your data set:



USING LINEAR FIT TOOL



Foo=

1/2 STAT

2. A label will pop up on your graph showing the slope (m) and the y-intercept (b):

Linear Fit for: Data Set Circumference
Circumference = mx+b
m (Slope): 3.182 cm/cm
b (Y-Intercept): 0.5027 cm
Correlation: 0.9980
RMSE: 0.3819 cm

USING CURVED FIT TOOL

- 1. Click on this icon:
- 2. This will bring up a menu that will allow you to try curves of best fit. Remember to use an equation format that makes sense with the lab we're doing!

