

## GRAPHING DATA of Rolling Ball

### Step 1

Select the first two columns with the headings.  
Select the Chart Wizard and put in titles and headings.  
Save the chart as NEW SHEET

### Step 2

While looking at the chart, select the CHART menu and select ADD TRENDLINE  
In the dialogue box keep the type as LINEAR and go to the OPTIONS selection.  
Check the boxes next to “set intercept to 0” and “Show equation on graph “.  
Click OK.

Now add the next set of data.

### Step 3

While looking at the chart, select the CHART menu and select “ADD DATA”.  
Excel will ask you for the *range* of the data.  
Click on “Sheet 1” at the bottom of the screen and select the headings and the new data.  
Click OK.  
In the dialogue box make sure “Series name in the first row” is checked and then check the “x – values in first column” option.

### Step 4

Add a new trend line.  
Click on one of the new points and repeat Step 2 exactly.

### Step 5

Change the look of the trend line.  
Select the trend line and select the FORMAT menu and select TREND LINE.  
Change either the style or the weight or both.

### Step 6

Add the third set of data and a new trend line by repeating steps 3 – 5.

### Step 7

Save the chart to disk and print.