Graphing with Google Sheets

The following instructions will take one set of x and y values and graph them, add title and axis labels, and display trendline and equation. If an experiment requires graphing multiple data sets, you may simply create multiple graphs, even if the worksheet says to graph them on the same graph. Google sheets is accessed at sheets.google.com and we are simply using a blank spreadsheet.

- Place data in columns, be sure to include (0,0) if applicable.

- Highlight the data, select "insert" from the menu, and "chart" from the drop down. A chart will appear, with a new window on the right side of the screen titled "chart editor".

- Under "chart type" select "scatter chart".

- Select "customize" near the top of the chart editor window.

- Under "Chart and axis titles" create appropriate titles for the chart and both the horizontal and vertical axis.

- Under "Series" select the "trendline" option, choose the appropriate "type" (linear, exponential, polynomial etc), and for "label" select "use equation".

- Print the graph as a pdf. If necessary, reposition the chart on the page so that the chart and data fit onto a single page.