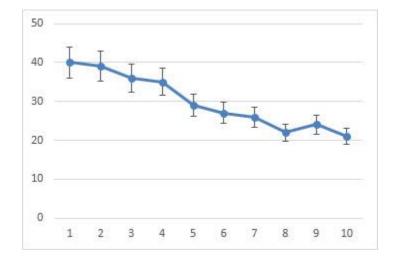
## Name: Mariam Hussien Ahmed

## **Error bars**

You can quickly determine margins of error and standard deviations by using error bars in your own charts. They can be displayed as a standard error quantity, a percentage, or a standard deviation on each data point or data marker in a data series. To display the precise mistake amounts you need, you can enter your own values. For instance, you might display a 10% positive and negative error amount in an experiment's findings as follows:



Also you can fill two separate rows/columns with your error values - one for positive and the other for negative.

2-D area, bar, column, line, xy (scatter), and bubble charts all support error bars. It is possible to display error bars for x and y values in scatter and bubble charts as:

