1. How many months did Sean exceed the average?
2. Which representation was the most useful? The excel bar graph or the numbers on the spreadsheet? Why?

Paste a screenshot of your 2 graphs and your spreadsheet(s) below.

## What is the average number of minutes Sean used on cell phone calls?

## What is the average number of text messages that Sean used?

## What is the yearly total for minutes used and the total for texts?

## How do these numbers compare?

## Looking at both sets of data, explain a trend that you see in Sean’s cell phone use. What is a logical explanation for what you see in the usage throughout the year?

## Find the three highest text message months in your bar graph and put a 0 in the spreadsheet for those 3 months (exclude them).

## What changes does this cause in the graph?

## How does this effect the total and the average?

## Help Sean pick a plan. Explore the different wireless plans Sean could choose from with a limited budget of $50 per month. Use the average number of minutes per month and the average number of text messages per month for this activity. Sean does not have a smart phone, so does not have any data usage.

## Click on this link to go to the [My Rate Plan site](http://www.myrateplan.com/wireless_plans/)

## Use the sliders provided to set the number of average minutes and text messages per month.

## Use the Price per month sliders so that the plan does not exceed the budget of $50 per month.

## What plan do you recommend? Will Sean need a 2-year contract plan or will a monthly plan work? If Sean gets a smart phone for a Christmas or Birthday present, how much data could Sean use and still be within his budget of $50? Be sure to check and uncheck the contract or pre-paid plans as you make your recommendation.

## Write a paragraph summarizing which features seem to make the most difference in the cost of plans? Compare your recommendations with others in your class.