Vacation Mileage

You are in charge of keeping track of the number of miles you traveled while on vacation. Your parents want to know how many miles you traveled, how much money you spent on gas, and the fuel efficiency of your car during the trip. You recorded the following data during your trip.

1. At the first fuel stop you had traveled 375 miles, you put in 17.5 gallons of gas, and the gas cost $3.15 per gallon.
2. At the second fuel stop you had traveled 359 miles, you put in 16.2 gallons of gas, and the gas cost $3.18 per gallon.
3. At the third fuel stop you had traveled 389 miles, you put in 17.7 gallons of gas, and the gas cost $3.11 per gallon.
4. At the fourth fuel stop you had traveled 323 miles, you put in 15.8 gallons of gas, and the gas cost $3.09 per gallon.
5. When you arrived home you filled the tank again. You had traveled 265 miles, you put in 10.3 gallons of gas, and the gas cost $3.20 per gallon.

Develop an original spreadsheet that answers the three questions asked above. Find the amount spent on gas and the fuel efficiency of your car at each stop. In addition, find the total spent on gas, the total miles traveled, and the overall fuel efficiency of your car.

Include in your spreadsheet your name in the header, a title, column labels for each column, row labels for each row, dollar signs on dollar amounts, and any other formatting features that you feel would make your spreadsheet look nice.

Create a horizontal bar chart showing the number of miles traveled to each stop. Add an appropriate chart title, horizontal axis title, and vertical axis title. You may add any other formatting features that you feel would make your chart look nice.

Make sure you can see the data and the chart on one page. Print the worksheet to the colored printer.

Upload and share the file.

This project is worth 30 points.