**Week 5 Progressive Project Results and Conclusion**

**Part 1: Combine your data** and your classmate’s data from retrieve from the Week 4 progressive project group This is the data on the last line of the week 3 PP Data sheet.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Item Type | Weight in Lbs. | Percentage of Total Weight | From the total weight, how much was trash? | From the total weight, how much was recycled? |
| **Your name TOTAL** |  |  |  |  |
| GROUP MEMBER 1 TOTAL |  |  |  |  |
| GROUP MEMBER 2 TOTAL |  |  |  |  |
|  |  |  |  |  |
| TOTAL OF YOU AND YOUR GROUP |  |  |  |  |
| **AVERAGE OF YOUR AND YOUR GROUP**  **Total Divided by 3** |  |  |  |  |

**Part 2:**

**Graphing the Results:** Using above information, make a graph comparing your total and the average of your group using the Mathisfun website by following these steps:

1.    Go to [www.mathisfun.com](http://www.mathisfun.com/) (If the link does not work, paste it into a new window of your browser.)

2.    Select “Data”

3.    Then, select “Graphs Index”

4.    Finally, select “Make a Bar Graph”

Title: Comparison of \_\_\_\_\_\_\_\_\_\_\_\_\_(from your Wk1 hypothesis)

X: Source of the (trash or recycling based on your Wk 1 hypothesis)

Y: Weight in lbs

Values: weight of your total, average of the peer totals (these should be numbers only)

Labels: your name, Group #

Insert your completed graph below: (Snipping tool and paste or print screen, paste and crop)

**Part 3: Data Analysis**

What was your week one hypothesis? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Does the data support or falsify your week 1 hypothesis? Explain why or why not?

**Environmental Impact**

If you and your group were to collect your trash for a year (365 days). How much trash would that be?

Total trash: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ x 365 days = \_\_\_\_\_\_\_\_\_\_\_\_\_ for one year

How much of your classes trash is being kept out of the landfill by being recycled?

Total recycling \_\_\_\_\_\_\_\_\_\_\_\_\_\_ x 365 days = \_\_\_\_\_\_\_\_\_\_\_\_\_\_ for one year.