

M & M Math

1. Open your bags of M & Ms one at a time. Separate each type by color, and fill in the chart below, **being sure to separate your plain and peanut totals:**

Green		Yellow		Red	
Blue		Orange		Brown	

2. Create a spreadsheet with the first column labeled **Colors** and fill in the names of the colors in column A.

Label column B **number/plain** and fill in how many plain M & Ms of each color you had.

Label column C, you guessed it, **number/peanut** and fill in how many peanut M & Ms you had.

	A	B	C	D
1	Colors	number /plain	number /peanu	total
2	Green			
3	Yellow			
4	Red			
5	Aqua			
6	Blue			
7	Orange			
8	Brown			
9	Total			
10				

3. Label column D **total**, and in cell D2 type in a formula to add the number of plain and peanut M & Ms of each color you have: **=B2+C2**.

Now fill this formula in for the other colors by highlighting cells **D2 through D7** and selecting *Fill ->Down* from the **Edit** menu.

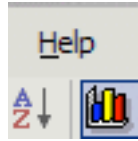
Or click on the square at the bottom right of the highlighted cell (D2) and drag it down through D7; your formula will be filled in for all the cells.

Total	16
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4. Type **Total** in cell A9, and fill in a formula in cell B9 to add the total number of plain M & Ms you had (**=Sum(B2:B8)** should work). Highlight B, C9 and D9 and use *Fill -> Right* from the **Edit** menu to copy the formula over.

Charting

5. Highlight the cells you want to graph (for instance, A1 through B8), and click on the **Chart Wizard** in the button bar. Click Finish to see what your default chart looks like.



Play with making different types of charts and the different things you can do with you charts by hilighting different sets of data and going through the different parts of the Chart Wizard.

To edit an existing chart, click on chart and go to the **Chart menu** to select the features you want to edit.

We'll go over this in class in more detail, but feel free to experiment on your own as well. The options you change will be updated on your chart in real time, so you can immediately see the effect of your changes.

To get back to your spreadsheet, click or double click in a cell.

Note: there is no command to hide your charts once you've created them, but you can drag them out of the way of your data by clicking and dragging. You can also copy charts from the spreadsheet to other documents, such as Word.