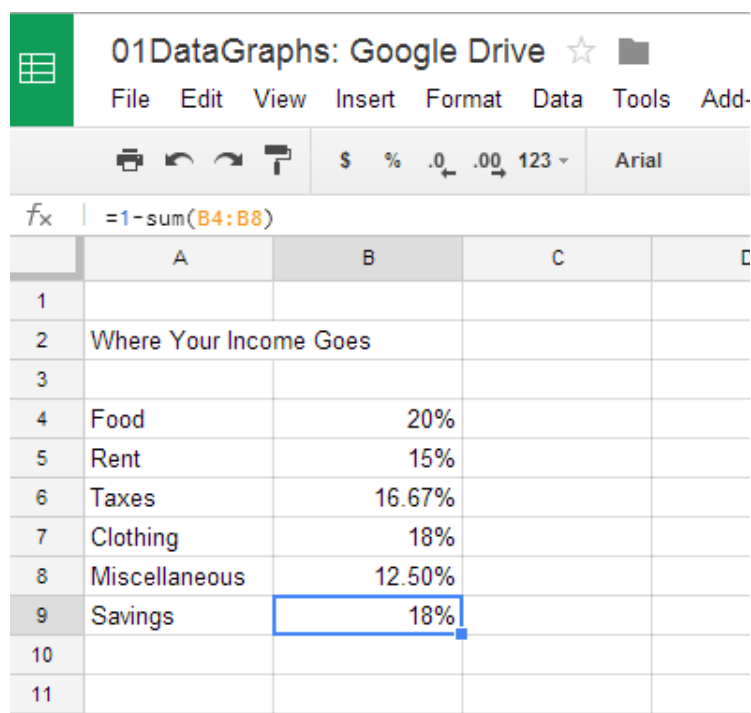


MEL4E Mathematics: Data Graphs with Google Drive

Graph #1 Where Does Your Income Go

1. In Google Drive, <Create> a <Spreadsheet>
2. Rename the spreadsheet to DataGraph1
3. Enter the data as follows:

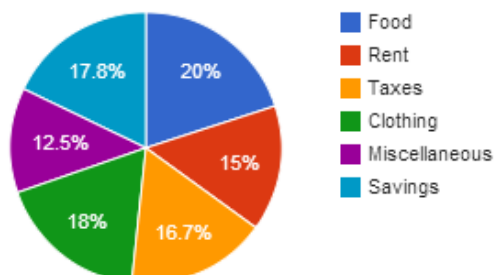


	A	B	C	D
1				
2	Where Your Income Goes			
3				
4	Food	20%		
5	Rent	15%		
6	Taxes	16.67%		
7	Clothing	18%		
8	Miscellaneous	12.50%		
9	Savings	18%		
10				
11				

Notice the number for the Savings percent is a calculated value. The formula is displayed in the formula bar. Enter it in as a formula, not a number.

4. Create a pie chart:
 - a. Select the range from A4 to B9
 - b. <Insert> <chart><Insert>
 - c. Click on the chart title and change it as required.
5. Your chart should look similar to:

Where Your Income Goes



Graph #2 Five Largest Canadian Cities

Add a new sheet to your spreadsheet. (Click the + at the bottom right of the window)

Using what you have learned from Graph #1, create a pie chart using the following information:

The population of the five largest cities in Canada in 20xx was::

Montreal, 2 743 208

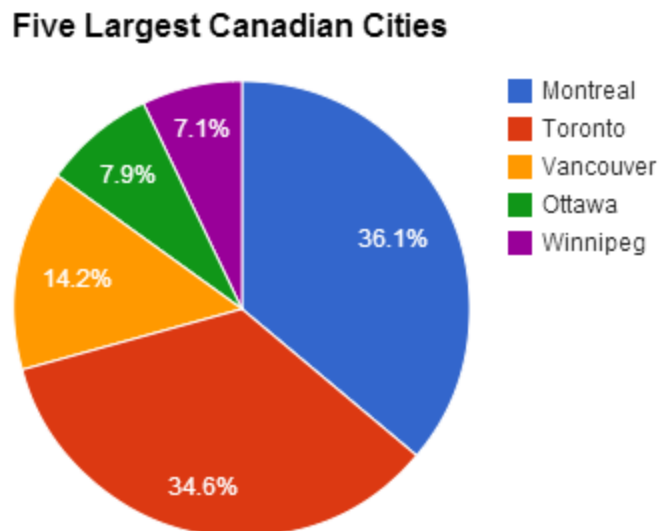
Toronto, 2 628 043

Vancouver, 1 082 352

Ottawa, 602 510

Winnipeg, 540 262

Your chart should look similar to the follow chart:



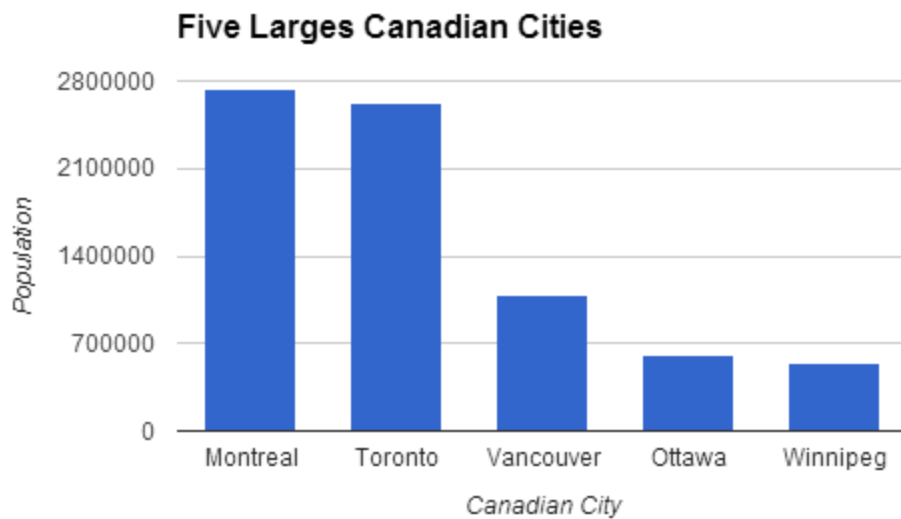
Graph #2a

Using the same data, create a second graph.

This time choose a bar graph, add a title.

The graph be similar to the follow graph.

HINT: You will need to customize the graph to add the titles to the vertical and horizontal axes.



Graph #3 City of Hamilton

Add a new sheet to your spreadsheet.

The population of Hamilton is 498 523 in the following proportions: English, 225 478; Italian, 110 836; French 55 215; German, 36 734; Russian, 37 902; others, 32 358.

Create a pie and bar chart for the above data.