

## Algebra I Budget Project

### Creating a Budget

Now we're going to put the information you've gathered into a table. Find your monthly expense for each of the following categories. If you did not spend anything in the category, then enter \$0. List and then add the totals for your debt (student loans and credit cards), utilities (electricity, water, phone, tv/internet), and car expenses (payment, insurance, gas). After you have listed all your monthly bills, find the percentage each expense is in relation to your monthly income.

Once you have the percentages, find the angles of the "pie slices" for each category.

Category:	Monthly \$ of expense:		Percentage of Income: (Expense ÷ Income × 100)	Angle° of pie chart: (% × 360 ÷ 100)
Rent	\$			
Health Insurance	\$			
Debt:		A + B =		
A. Student Loans	\$			
B. Credit Card	\$			
Utilities:		C + D + E + F =		
C. Electricity	\$			
D. Water	\$			
E. Phone	\$			
F. TV/Internet	\$			
Car Expenses:		G + H + I =		
G. Car Payment	\$			
H. Car Insurance	\$			
I. Gasoline	\$			
Groceries	\$			
Shopping	\$			
Entertainment	\$			
Savings/Misc.	\$			

You will now create a pie graph based on your monthly expenses to display how your income is distributed. You will create the graph using a protractor. Color each "slice" a different color (you will have 9 slices). Label each slice. Your graph must be neat and orderly to receive full credit.