

# ***GASOLINE CALCULATOR***

Problem: You put approximately 10,000 miles on your vehicle each year. You want to figure out how much money you need to budget each year to drive your car. Choose a car from the [www.fueleconomy.gov](http://www.fueleconomy.gov) website and locate its MPG for city and highway. Take an average of these two numbers to get an average MPG for the vehicle you choose and use this number for your spreadsheet. See below for an example of what your finished product might look like.

1. Open Microsoft Excel
2. Type “Gas Mileage Calculator” in cell A1
3. Label cells A2:H2 as seen below (Press the CTRL, OPTION and RETURN keys to add new lines within a cell)
4. Type the car make, model and year in cells A3:C3
5. Type 10000 in cell D3 and the Average MPG for the automobile in cell E3.
6. Click in cell F3 and select the Edit Formula button. We need to figure out how many gallons of gas our automobile will use by dividing the number of miles traveled by the average MPG of our vehicle
7. Click cell D3 (10000), then click in the Formula Bar next to the D3 and type the / (Division) key.
8. Click in cell E3 (the number that represents your car’s average MPG) and click OK.
9. Visit the [www.gaspricewatch.com](http://www.gaspricewatch.com) website and locate the Average Cost per gallon of gasoline in the US. Type that number in cell G3
10. Now we need to multiply the number of gallons used by the cost of gasoline. Based on the steps we used above see if you can write a formula that will automatically figure our answer in cell H3. Note: the multiplication symbol for a spreadsheet is \* (asterisk). Use the Shift and 8 keys to type the asterisk in your equation.
11. When completed your spreadsheet should automatically figure out any gas mileage that is typed in. Try changing the average MPG number to see if the other numbers change, as well. The numbers should correspond correctly with whatever number you use.
12. Try changing the Total Miles Traveled number as well. The other numbers in the spreadsheet should correspond again.
13. Change colors and fonts to make your Gasoline Calculator look more attractive. Put your name on the document.
14. Select “File” and “Page Setup,” followed by “Landscape” and “Fit to” to make sure that the document fits on ONE page and PRINT.

<b>Gasoline Calculator</b>							
<b>Make of Automobile</b>	<b>Model of Automobile</b>	<b>Year of Automobile</b>	<b>Total Miles Traveled</b>	<b>Average MPG of Automobile</b>	<b>Gallons Used</b>	<b>Average Cost of Gasoline</b>	<b>Total Cost of Gasoline</b>
<b>Honda</b>	<b>Accord</b>	<b>2003</b>	<b>10000</b>	<b>35</b>	<b>285.7</b>	<b>\$1.81</b>	<b>\$517.14</b>