

2. You have bought your dream car and immediately want to take a road trip of 600 miles in total.

a) If this trip is mainly highway driving, how much gas will you use?

b) If gas costs \$2.80 a gallon, what will the gas cost for this trip?

3. a) How many miles do you expect to drive your car in a year?

b) How much will this cost just for the gas?

Consider how many of these miles will be highway and how many will be city and use your car's gas mileage ratings to find the number of gallons. Perhaps gas will go up in price so use \$3.00 a gallon to calculate your cost.

4. Suppose you find an insurance plan that charges 10% of the value of the car for the annual insurance.

a) What will the insurance cost for your car for a year?

b) Suppose you are allowed to pay this in monthly installments. How much will this be per month?

c) If you want comprehensive insurance, this increases to 15% of the value of your car? How much would you then have to pay per year?

5. Find another website such as autopartsworld.com that sells parts for your car.

Choose three parts that you might have to replace on your car. Find the total cost of these parts including shipping and handling.