**Auto Purchase and Maintenance**

**1. Go to truecar.com or Edmunds.com to find the cost of the car you want.**

**2. Describe the car (make, model, year, mileage, MPG, condition, special features):**

2023 Kawasaki Ninja 650 ABS KRT Edition. 51.6 MPG

<https://www.powersportsvallejo.com/Motorcycles-Kawasaki-Ninja-650-ABS-KRT-Edition-2023-Vallejo-CA-28a46fa5-0e37-4bbb-8975-b0080129daf8>

**3. Why do you like this car? What additional features would you like?** I like this bike because it has a ABS(automatic breaking system) to help with safety. Its fast and sporty which is what I'm going for. It a kawasaki with 659 cc.

**4. What is the advertised price of the car? $** 8,599.00

**Calculating Cost of Car and Monthly Payment**

**5. Like everything else, cars are taxed. Calculate the tax of your car.**

**Multiply the price of the car by 9.5% (#4 \* .095) = $** 816.91

**6. Car registration costs approximately 5% of the car's value. Calculate the registration fees.**

**Multiply the price of the car by 5% (#4 \* .05) = $** 429.95

**7. The total initial cost of your car is the price plus tax and registration. Add them together.**

**Advertised price + tax + registration (#4 + #5 + #6) $** 9845.86

**8. Assume you can't pay for your car in cash and need a loan. Go to bankrate.com/calculators, find the auto loan calculator and enter #7 for “auto loan amount.”**

**How many years is your loan for?** 2 years

**What is the interest rate?** 3.99 %

**What is your monthly payment?** $222.27

**Calculating Monthly Gas, Oil, and Maintenance**

**9. Most people drive 10,000-15,000 miles per year. Estimate that you will drive 1000 miles per month to calculate your average monthly gas, oil, tires, and maintenance costs.**

|  | **4-cylinder** | **6-cylinder** | **8-cylinder** |
| --- | --- | --- | --- |
| **Gas & oil** | **9.1 cents/mi** | **12.5 cents/mi** | **16.5 cents/mi** |
| **Tires & maintenance** | **3.1 cents/mi** | **3.4 cents/mi** | **3.7 cents/mi** |

**Gas & oil 9.1 \* 1000 miles/month =** $91/month

**Tires & maintenance: motorcycle ~ 1,100 per year =** $92/month

**Gas & oil $ 91 + Tires & mntnce $ 92 = Total monthly operating cost** $183

**Total Monthly Car Cost**

**11. Monthly car payment (#8) + Monthly operating cost (#9) = Total monthly car cost $**

222.27 + 183 = $405.27