



Estimating the Cost of Owning a Vehicle

Use this form to estimate the cost of owning and operating a vehicle. For this activity, you will need information about a car owned by a relative or friend.

1. Present year _____
2. Year vehicle was purchased _____
3. Number of years owner has had car (Subtract #2 from #1.) _____
4. Number of miles driven per year (average) _____
5. Miles per gallon of fuel (average) _____
6. Price paid for vehicle _____
7. Present value of vehicle (Use the blue book value.) _____
8. Total depreciation, or decrease in value, since vehicle was purchased (Subtract #7 from #6.) _____
9. Average depreciation per year. (Divide #8 by #3.) _____
10. Estimated cost of insurance per year _____
11. Estimated total licensing and registration fees _____
12. Cost of fuel per year
 (Use actual records, if available, or estimate by dividing #4 by #5 to find how many gallons of fuel were used.) _____
13. Multiply #12 by the present price of fuel. _____
14. Yearly cost of oil
 [Use actual records or multiply the average number of miles per year (#4) by \$0.002 per mile.] _____
15. Yearly cost of tires
 [Use actual records or multiply the average number of miles per year (#4) by \$0.01 per mile.] _____
16. Repairs and maintenance
 [Use actual records or multiply the average miles per year (#4) by \$0.04 per mile.] _____
17. Total cost per year (Add #10, #11, #13, #14, #15, and #16.) _____
18. Total cost per mile (Divide #17 by #4.) _____

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Keeping a Vehicle Running

Use the owner's manual for the driver education car or a vehicle owned by a relative or friend to fill in the information below.

Vehicle make _____ Body style _____

Year _____ Serial number _____ Number of cylinders _____

Service	Months	or	Mileage	Service	Months	or	Mileage
1. Change oil	_____		_____	6. Flush cooling system and replace coolant	_____		_____
2. Change oil filter	_____		_____	7. Check all belts	_____		_____
3. Replace fuel filter	_____		_____	8. Check brake fluid	_____		_____
4. Lubrication	_____		_____	9. Change transmission fluid	_____		_____
5. Replace air filter	_____		_____	10. Have a tune-up	_____		_____

List what the problem might be for each situation below.

1. Alternator warning light stays on while you are driving.

2. Oil pressure warning light stays on while you are driving.

3. Temperature warning light stays on while you are driving.

4. Smooth bars across the tread on a tire.

5. Engine knocks or pings during normal driving.

6. Brake warning light comes on while driving.

7. Ignition key turned and starter makes no sound.

8. Edges of tire are worn.

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