

# Buying My First Car

## Car Maintenance, Fuel Costs and Registration Costs

### Maintenance Costs

Maintenance costs for new cars are approximately \$200 per year based on a \$50 charge every 3 months. This charge includes oil/filter changes, lubrication, and adjustments. However, as cars become older, maintenance costs increase. If maintenance costs increase by 150% for each year beyond the first year in service, what will your maintenance cost be for a 5 year-old car?

	<u>YEAR 1</u>	<u>YEAR 2</u>	<u>YEAR 3</u>	<u>YEAR 4</u>	<u>YEAR 5</u>
<b>YEARLY COSTS</b>	\$200				

**\*\*\* Now include \$350 for tires, windshield wipers, headlights/taillights, tune-ups, etc.**

### Fuel Costs

You have to include the cost of fuel for your car as part of the overall expense or operating costs. You will have to determine how many miles you expect to drive in 1 year. Based on the assumption that 20,000 miles will cost \$5000 in fuel, complete the chart below by using this information.

	<u>10,000 miles</u>	<u>15,000 miles</u>	<u>20,000 miles</u>	<u>25,000 miles</u>
<b>YEARLY COSTS</b>			\$5000	

### Registration Costs

Registration costs vary depending on the car. If a new vehicle costs \$25,000 the registration fee is \$500. Based on this ratio, determine the registration cost for your vehicle. Show how you arrived at your cost in the space below.

What is the ratio of \$25, 000 to \$500? \_\_\_\_\_ to \_\_\_\_\_

What is the registration cost of your vehicle? \_\_\_\_\_

**Attach paper to show your work for this page.**  
**Label the work: Maintenance, Fuel, and Registration.**  
**Write the answers on this page.**