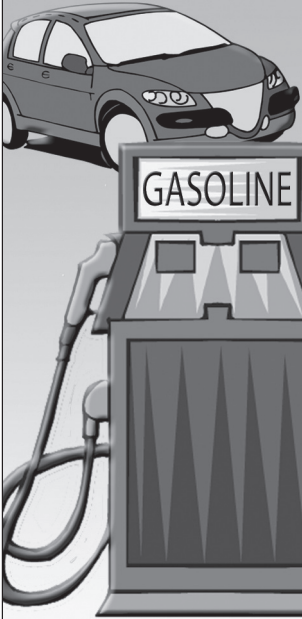
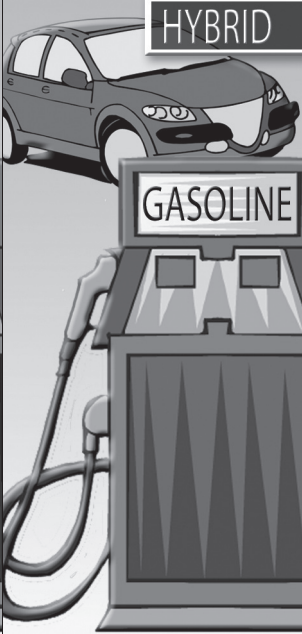



## LINE MASTER 5-8 ■ FUEL ECONOMY CALCULATOR

Nick estimates that his dad drives 18 000 km every year. Help him figure out how much his dad will spend on fuel if he bought these vehicles. Show your calculations.

Use the following prices for fuel:

- gasoline, \$1.02 per litre (L)
- propane, \$0.57 per litre

	Vehicle 1	Vehicle 2	Vehicle 3
Vehicle Type			
A. Fuel Efficiency	0.082 L (gasoline used per km)	0.047 L (gasoline used per km)	0.091 L (propane used per km)
B. Amount of Fuel Used in 1 Year A X DISTANCE DRIVEN	_____ L	_____ L	_____ L
C. Total Cost of Fuel for 1 Year B X \$FUEL PRICE	\$ _____	\$ _____	\$ _____

a) Which vehicle has the lowest fuel costs for one year of driving?

\_\_\_\_\_

b) Why do you think this vehicle uses so little fuel compared to the others?

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
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