

What Is the Best Solution?

Huda is considering finding someone to donate a car. Work out the cost of the car in the following scenarios. What would you advise Huda to do?

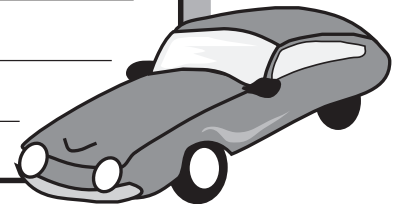
Problem One

Three people will share the car for a period of a year. The average number of miles traveled by each person will be 152 per month. How many miles will be traveled in one year?



Problem Two

Huda wants to find a fuel efficient car. She has found a person who is willing to donate a car that gets 14 miles per gallon. With the average cost of a gallon of gas being \$2.30, how much will Huda have to spend on gas for this car per month? Per year?



Problem Three

Huda's friend wants to trade in her car for a new model. Huda is trying to talk her friend into selling the car for \$1,000. This car gets 24 miles per gallon. Over the course of the first year, would this \$1,000 investment be better than accepting the donated car that gets 14 miles per gallon?

