



## Practice – Part 1

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**Instructions:** Answer each of the following practice questions on a separate piece of paper. Step by step solutions are provided under the Solutions tab. You will learn the material more thoroughly if you complete the questions before checking the answers under the Solutions tab in Moodle.

1. Leo is considering buying one of two cars. The first car has a fuel consumption of 7.6 L/100 km. The second car has a fuel consumption of 6.9 L/100 km. Which car should Leo buy if he wants to spend the least amount of money on gas?
2. Jocelyn's van has a fuel consumption of 10.3 L/100 km. Jocelyn drove 1 720 km in March. Calculate the amount of money that Jocelyn spent on gas if the price was \$1.31/L.
3. Steven's sports car has a fuel consumption of 7.7 L/100 km. Calculate the cost of gas if he travels 486 km and the price of gas is \$1.28/L.