Task Title: Esteban's Business Trip

OALCF Cover Sheet – Practitioner Copy

Learner Name: _____

Date Started: _____

Date Completed: _____

Successful Completion: Yes ☐　　No ☐

Goal Path:　　Employment ☐　　Apprenticeship ☐

Secondary School ☐　　Post Secondary ☐　　Independence ☐

Task Description: The learner will calculate mileage costs, fuel costs, and credit card interest.

Main Competency/Task Group/Level Indicator:

- Find and Use Information/Interpret documents/A2.2
- Understand and Use Numbers/Manage money/C1.2
- Understand and Use Numbers/Use measures/C3.2

Materials Required:

- Pen/pencil and paper and/or digital device
- Calculator or digital device with calculator function

Learner Information

When travelling for work, employees often submit business expenses including mileage for driving of a personal vehicle for work purposes.

Scan "**Information about Esteban's expenses and reimbursements**" and "**Esteban's bank account statement**".

Information about Esteban's Expenses and Reimbursements

- Esteban lives near Niagara Falls.

- Esteban's employer compensates him for his business expenses, including 49cents/km for his driving distance.

- Esteban's car uses diesel fuel.

- His car's average fuel consumption is 18L/100km.

- Esteban has no money owing on his credit card and has an interest rate of 5.452%/month

Esteban's Bank Account Statement

Date	Description of Transaction	Payment or Withdrawal (-)	√	Deposit or Interest (+)	√	Balance
12/20	Credit card payment	135.00	√			414.80
12/31	Interest			0.59		415.39
1/17	Company deposit			140.14		
1/20	Credit card payment	154.88				
1/31	Interest			0.60		
2/18	Company deposit			54.88		
2/22	Credit card payment					

Work Sheet

Task 1: Esteban has to drive to Toronto for a meeting and when he returned to Niagara Falls, his odometer measured 258 km. Calculate Esteban's total mileage expenses.

Answer:

_____

Task 2: How much fuel did Esteban use during his business trip?

Answer:

_____

Task 3: Esteban used his credit card to pay $56.25 for the fuel to fill up his car before the business trip.   Calculate how much interest he will pay the first month.

Answer:

_____

Task 4: How much would Esteban's credit card bill be by the 4th month, if he made no payments?

Answer:

_____

Task 5: The company Esteban works for deposits his compensation cheques directly into his bank account. He made a payment of $60.37 to his credit card from his bank account on February 22nd. Fill in the missing payment and balances of his bank statement.

Answer:

Date	Description of Transaction	Payment or Withdrawal (-)	√	Deposit or Interest (+)	√	Balance
12/20	Credit card payment	135.00	√			414.80
12/31	Interest			0.59		415.39
1/17	Company deposit			140.14		
1/20	Credit card payment	154.88				
1/31	Interest			0.60		
2/18	Company deposit			54.88		
2/22	Credit card payment					

Answers

Task 1: Esteban has to drive to Toronto for a meeting and when he returned to Niagara Falls, his odometer measured 258 km. Calculate Esteban's total mileage expenses.

Answer:

258 km @ 0.49cents/km
258 x 0.49 = 126.42
Esteban's total mileage expenses are $126.42.

Task 2: How much fuel did Esteban use during his business trip?

Answer:

18 L/100km
18L/100km = x/258km
4644L/km = 100x
4644 / 100 = 100 / 100
X=46.44
Esteban used 46.44L of fuel on his business trip.

Task 3: Esteban used his credit card to pay $56.25 for the fuel to fill up his car before the business trip. Calculate how much interest he will pay the first month.

Answer: $56.25 x 0.05452 = $3.07

Task 4: How much would Esteban's credit card bill be by the 4th month, if he made no payments?

Answer:

$56.25 + $3.07 =$59.32   month 2
$59.32 x 0.05452 = $3.23
$59.32 + $3.23 = $62.55   month 3
$62.55 x 0.05452 = $3.41
$62.55 + $3.41 = $65.96   month 4

Task 5: The company Esteban works for deposits his compensation cheques directly into his bank account. He made a payment of $60.37 to his credit card from his bank account on February 22nd. Fill in the missing payment and balances of his bank statement.

Answer:

Date	Description of Transaction	Payment or Withdrawal (-)	√	Deposit or Interest (+)	√	Balance
12/20	Credit card payment	135.00	√			414.80
12/31	Interest			0.59		415.39
1/17	Company deposit			140.14		**555.53**
1/20	Credit card payment	154.88				**400.65**
1/31	Interest			0.60		**401.25**
2/18	Company deposit			54.88		**456.13**
2/22	Credit card payment	**60.37**				**395.76**

Performance Descriptors

Levels	Performance Descriptors	Needs Work	Completes task with support from practitioner	Completes task independently
A2.2	performs limited searches using one or two search criteria			
	extracts information from tables and forms			
	uses layout to locate information			
	makes connections between parts of documents			
	makes low-level inferences			
C1.3	calculates percentages			
	interprets and applies rates (e.g. $/kg, $/1)			
	chooses and performs required operation(s); may make inferences to identify required operation(s)			
	selects appropriate steps to reach solutions			
	represents costs and rates using monetary symbols, decimals and percentages			

Task Title: EstebansBusinessTrip_ES_A2.2_C1.2_C3.2

Levels	Performance Descriptors	Needs Work	Completes task with support from practitioner	Completes task independently
	interprets, represents and converts amounts using whole numbers, decimals, percentages, ratios and simple, common fractions (e.g. ½, ¼)			
	uses strategies to check accuracy (e.g. estimating, using a calculator, repeating a calculation, using the reverse operation)			
C3.2	calculates using numbers expressed as whole numbers, fractions, decimals, percentages and integers			
	interprets and applies rates (e.g. km/hr) and ratios (e.g. map scales)			
	chooses and performs required operation(s); may make inferences to identify required operation(s)			
	selects appropriate steps to solutions			
	interprets, represents and converts measures using whole numbers, decimals,			

Levels	Performance Descriptors	Needs Work	Completes task with support from practitioner	Completes task independently
	percentages, ratios and simple, common fractions (e.g. ½, ¼)			
	uses strategies to check accuracy (e.g. estimating, using a calculator, repeating a calculation, using the reverse operation)			

This task: Was successfully completed ☐ Needs to be tried again ☐

Learner Comments:

Instructor (print):   Learner (print):

_____   _____