Task Title: Planning a Trip from London to Toronto's Pearson International Airport

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 use directions generated by Google Maps and make multiple calculations associated with a trip to Toronto.

Main Competency/Task Group/Level Indicator:

- Find and Use Information/Interpret documents/A2.2
- Understand and Use Numbers/Manage time/C2.2
- Understand and Use Numbers/Use measures/C3.2

Materials Required:

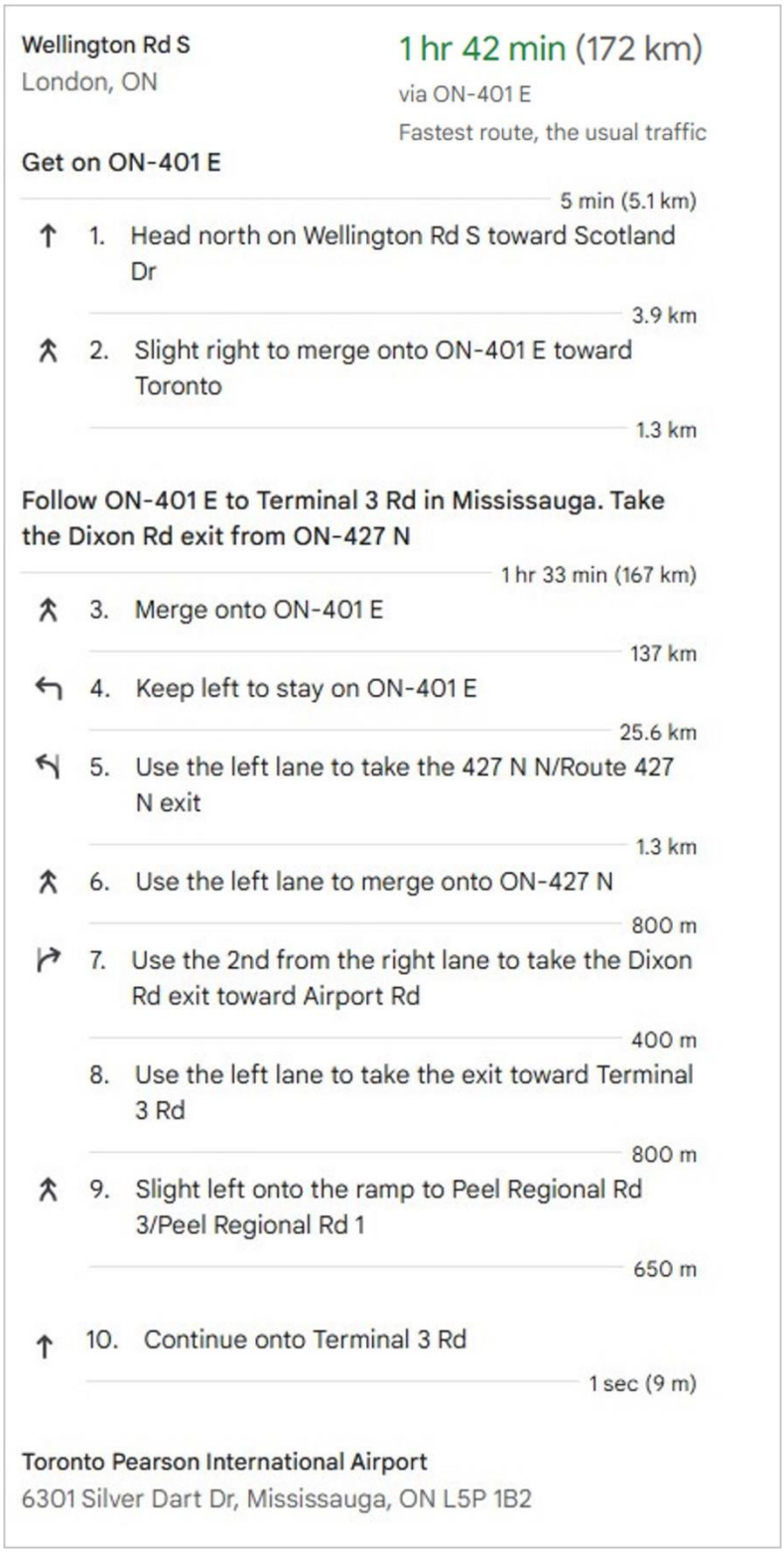
- Pen/pencil and paper and/or digital device
- Calculator or digital device with calculator function

Learner Information

Maps are useful tools to get us where we want to go without getting lost. They also help us save time and fuel. If you travel for work, you may need to calculate distances and submit travel claims. In North America, both the metric system and the imperial system may be used to calculate distances.

Scan the "Google Map Directions from London to Toronto Pearson International Airport".

Google Map Directions from London to Toronto Pearson International Airport



Wellington Rd S
London, ON

1 hr 42 min (172 km)
via ON-401 E
Fastest route, the usual traffic

Get on ON-401 E

5 min (5.1 km)

1. Head north on Wellington Rd S toward Scotland Dr

3.9 km

2. Slight right to merge onto ON-401 E toward Toronto

1.3 km

Follow ON-401 E to Terminal 3 Rd in Mississauga. Take the Dixon Rd exit from ON-427 N

1 hr 33 min (167 km)

3. Merge onto ON-401 E

137 km

4. Keep left to stay on ON-401 E

25.6 km

5. Use the left lane to take the 427 N N/Route 427 N exit

1.3 km

6. Use the left lane to merge onto ON-427 N

800 m

7. Use the 2nd from the right lane to take the Dixon Rd exit toward Airport Rd

400 m

8. Use the left lane to take the exit toward Terminal 3 Rd

800 m

9. Slight left onto the ramp to Peel Regional Rd 3/Peel Regional Rd 1

650 m

10. Continue onto Terminal 3 Rd

1 sec (9 m)

Toronto Pearson International Airport
6301 Silver Dart Dr, Mississauga, ON L5P 1B2

Work Sheet

Task 1: What is the total distance of the trip if you travel from London to Toronto Pearson International Airport and then back to London?

Answer:

Task 2: Convert the round-trip distance into miles using the formula: 1 km = 0.62 miles.

Answer:

Task 3: The driver pulls over for a coffee break after driving 100 kilometres. What percentage of the one-way trip has been completed?

Answer:

Task 4: Assuming the driver maintains an average driving speed of 88 km per hour for the entire drive, how long will it take to drive from London to Toronto Pearson International airport? Round to the nearest hour.

Answer:

Task 5: The vehicle consumes 7 litres of gas per 100 km. How much gas will be needed for the round trip?

Answer:

Answers

Task 1: What is the total distance of the trip if you travel from London to Pearson International Airport and then back to London?

Answer: 172 km x 2 = 344 km

Task 2: Convert the round-trip distance into miles using the formula: 1 km = 0.62 miles.

Answer: 344 km x 0.62 = 213.28 miles

Task 3: The driver pulls over for a coffee break after driving 100 kilometres. Approximately how much of the one-way trip has been completed?

Answer: 100 km/172 km = 58% of the trip

Task 4: Assuming the driver maintains an average driving speed of 88 km per hour for the entire drive, how long will it take to drive from London to Toronto Pearson International Airport? Round to the nearest hour.

Answer: 172 km/88 km per hour = 1.95 hours. Rounded to 2 hours.

Task 5: The vehicle consumes 7 litres of gas per 100 km. How much gas will be needed for the round trip?

Answer: 7 liters x (344 km/100 km) = 7 liters x 3.44 = 24.08 litres.

Performance Descriptors

Levels	Performance Descriptors	Needs Work	Completes task with support from practitioner	Completes task independently
A2.2	locates information in simple graphs and maps			
C2.2	calculates using numbers expressed as whole numbers, fractions, decimals, and percentages			
	interprets and applies rates (e.g. $/hr, km/hr, cooking time/pound)			
	makes simple estimates			
	choose and performs required operation(s); may make inferences to identify required operations			
	selects appropriate steps to reach solutions			
	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			

Levels	Performance Descriptors	Needs Work	Completes task with support from practitioner	Completes task independently
	interprets and applies rates (e.g. km/hr and ratios (e.g. map scales)			
	converts units of measurement within the same system and between systems			
	choose and performs required operation(s); may make inferences to identify required operation(s)			
	selects appropriate steps to reach solutions			
	interprets, represents and converts measures 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)			

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

Learner Comments:

Instructor (print): _____

Learner (print): _____