

Chapter 6 Task

Use this worksheet to help you with the Task on page 232 of the student resource.

- A Canadian who stays in the United States for a 48-hour period is allowed to bring \$400 CDN worth of goods back into Canada.
 - This amount includes any taxes paid on the items in the United States.
 - You are going to plan a 2-day shopping trip to the United States.
 - Before leaving, you will identify the price in Canada of what you want to buy.
 - Then you will check the price in the United States.
 - You will calculate where you can get the better buy.
1. Go to **www.mcgrawhill.ca/books/workplace12** and follow the links to road trip planners. Select a city in the United States that you would like to visit. _____

2. **a)** List 5 items you would like to buy while on your trip.

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- b)** Research the cost of these items from Canadian stores near where you currently live. Note any important information about each item, such as the model number and the capacity of any container.

Item	Canadian Stores		
	_____	_____	_____



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(continued)

- c)** Select 1 or more retailers in the United States. What is the price of each item in US dollars?

Item	American Retailers		
	_____	_____	_____

- d)** What is the current exchange rate? _____

Using this exchange rate, convert the best price for your 5 items from part c) to Canadian dollars.

Item	Cost in \$US	Cost in \$CDN



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- e)** Will you be able to purchase all 5 items for less than the \$400 limit?

- f)** Which retailer offers the better price on your 5 items?

- g)** What might be the consequences to your answer for part f) if you calculated the exchange rate incorrectly?

- h)** What might be the consequences to your answer for part f) if you compared items that did not have the same capacities?

- 3. a)** What is the distance from your hometown to your destination, in miles?

- b)** Convert this distance to kilometres.

- c)** Suppose your car uses 0.1 L of gasoline to travel 1 km. How many litres of gas will you need to travel to your destination only?

- d)** Convert your answer from part c) to gallons.



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- e) Assume gas is sold for \$2.59 per gallon. How much will gasoline cost to travel both to your destination and back?
 - f) Use the exchange rate from #2d). How much will gasoline cost for your trip, in Canadian dollars?
4. a) Identify a hotel in your destination city. What is the cost of a 3-night stay in the hotel, in US dollars?
- b) Convert the cost of the hotel stay to Canadian dollars. Use the exchange rate from #2d).
5. a) Calculate the total cost of your trip. Include the cost of gas, hotel, and your shopping trip. Use Canadian dollars.
- b) How might errors in conversions affect your trip budget?

