

Name: _____

Date: _____

Learning Goal 6.1	I can solve linear equations.
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Math Lab

You are the personal assistant of the latest teen celebrity to come out of Canada. Right now, you and your celebrity are on a private jet bound for Wintersburg, Ontario to do some promotional visits and to earn some money for charities. Your job is to create a schedule of visits that will allow your celebrity to earn as much money as possible and to be **back on the plane by 4:00 p.m.** for your flight home. To help you with this task you have been provided with some local information about where and how much your celebrity will get paid for their time.

Instructions: Show the **best schedule** your team came up with and how much money you earned.

Remember: communication is important – make sure your work is clear, detailed, and easy to understand. Any calculations you perform should also be shown.

Additional Information you may need:

- The plane arrives at 9:00am and leaves at 4:00pm sharp. You cannot be late!
- The celebrity will require a 30 min. lunch break at some point during the day. They will not eat while driving.
- You may visit each location only once! However, you may pass through a location you have already visited (you just won't earn any money).
- A payment chart and map are shown below:

Location	Length of Visit	Fee Earned for Charity
Radio station	1 hour 10 minutes	\$1400
Car dealership	$\frac{3}{4}$ hour	\$500
Military base	10 minutes	\$75
Record store	30 minutes	\$950
Convention centre	1 hour	\$200
Shopping mall	Unlimited	\$440 / 30 minutes
TV station	35 minutes	\$700
Hotel	15 minutes	\$225

