

Heading:

Quebec's "Dang Mess"

Instructions:

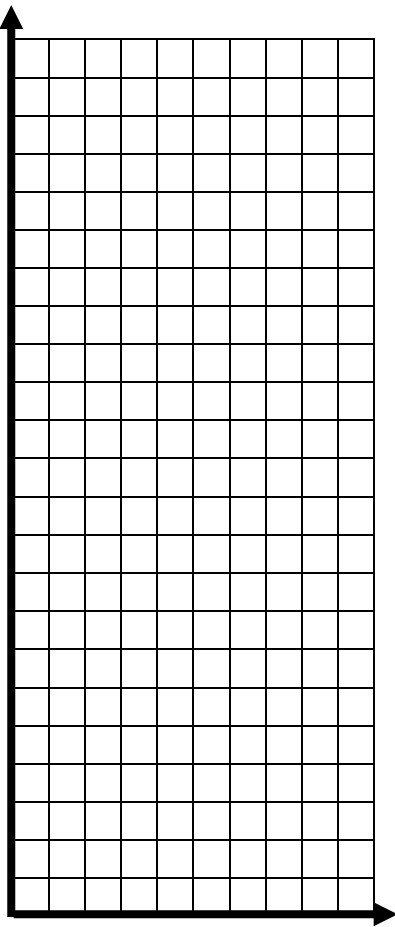
- 1) Make a table that applies to the given information.
- 2) Graph each scenario labeling and scaling the axes with the table.
- 3) State whether the situation is proportional or not.

1. Calista is traveling to Canada from Burlington, Vermont (United States) with her 30-person choir. She needs money for her trip. Find out the Canada and U.S. exchange rate and plot the values.

a)

| | | | | | | | |
|--------|-----|-----|-----|-----|-----|-----|-----|
| Canada | C\$ | ___ | ___ | ___ | ___ | ___ | ___ |
| U.S. | \$ | 1 | 2 | 3 | 4 | 5 | ___ |

b)



c) Is this scenario proportional or not? Justify your answer.

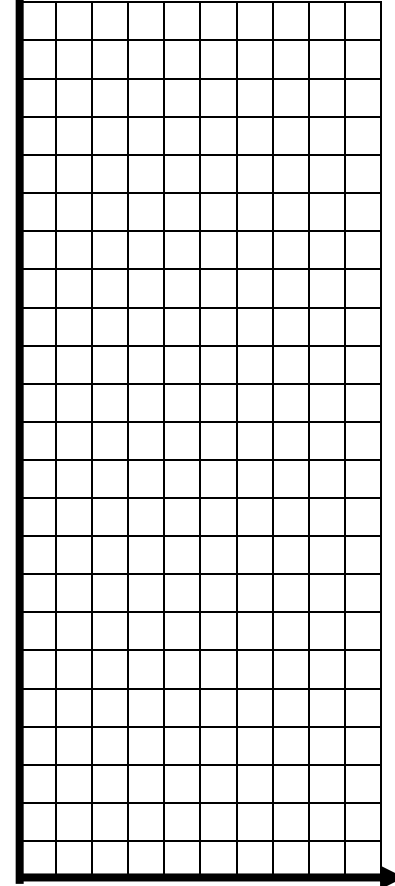
d) What is the slope of your graph? How does it compare to the unit rate?

2. Calista was recommended to try a snack called poutine. At a local restaurant, each poutine serving costs C\$4.65 Canadian dollars. In addition, the server charges an extra C\$10.00 to serve such a large group. What is the total bill for the each of the "dang mess"?

a)

| | | | | | | |
|---------|-------|-----|-----|-----|-----|-----|
| Poutine | 0 | 1 | 2 | 3 | 4 | ___ |
| Money | C\$10 | ___ | ___ | ___ | ___ | ___ |

b)



c) Is this scenario proportional or not? Justify your answer.

d) What is the slope of your graph? How does it compare to the unit rate?