



Problem of the Week

Problem A

Family Trip

Fuad takes the train to visit his family. He travels from Campbellton, NB to Kitchener, ON.

- A) The train leaves from Campbellton at 11:15 p.m. Atlantic Standard Time (AST) and arrives in Kitchener at 7:16 p.m. Eastern Standard Time (EST) the next day. Atlantic Time is one hour ahead of Eastern Time. For example, at 1:00 p.m. EST it is the same time as 2:00 p.m. AST. How long will his trip take? Justify your answer.
- B) The table below gives the stops on the trip, in order, and the distances between stops.

Stop	Distance to next stop (in km)
Campbellton, NB	105
Amqui, QC	208
Rivière-du-Loup, QC	334
Drummondville, QC	109
Montreal, QC	151
Cornwall, ON	269
Belleville, ON	131
Oshawa, ON	59
Toronto, ON	43
Brampton, ON	77
Kitchener, ON	

Which station is approximately halfway between Campbellton and Kitchener?

