

Mathematics

Problem solving

Miss Thomas



Question

Find the total cost for Cala to go on the trip to Canada.

Price breakdown

Travel

Flights from London Gatwick to Montreal – per child = £273

Flight from Montreal to London Gatwick – per child = £276

Accommodation

Hotel – per child per night = £34

Food

Packed lunch – price per day per child = £3

Breakfast – price per day per child = £2

Dinner – price per day per child = £4

Attractions

Tour of Montreal – Group ticket for 8 people costs £112

Trip to the Biodome – Group ticket costs £108 for 6 people

Jet Ski Tour Group ticket costs £161 for 7 people

Trip to Niagara Falls – Maid of the Mist Group ticket costs £192 for 8 people

Trip to watch an ice hockey game at the Bell Centre – Group ticket costs £500 for 20 tickets



Cala



Answer

Travel

Flights from London Gatwick to Montreal - per child = £273

Flight from Montreal to London Gatwick - per child = £276

Flights per child £273 + £276 = £549

Accommodation

Hotel - per child per night = £34

Hotel per child $7 \times £34 = £238$

Food

Breakfast - price per day per child = £2 $7 \times £2 = £14$

Packed lunch - price per day per child = £3 $7 \times £3 = £21$

Dinner - price per day per child = £4 $7 \times £4 = £28$

Food per child £14 + £21 + £28 = £63

Attractions

Tour of Montreal - Group ticket for 8 people costs £112 - *per child $£112 \div 8 = £14$*

Trip to the Bio dome - Group ticket costs £108 for 6 people - *per child $£108 \div 6 = £18$*

Jet Ski Tour - Group ticket costs £161 for 7 people - *per child $£161 \div 7 = £23$*

Trip to Niagara Falls: Maid of the Mist - Group ticket costs £192 for 8 people - *per child $£192 \div 8 = £24$*

Trip to watch an ice hockey game at the Bell Centre - Group ticket costs £500 for 20 tickets - *per child $£500 \div 20 = £25$*

Total cost per child = £954

