Unit project – Decimal Dream Trip

(Based on p. 77 Create a “dream trip” travel budget)

Choose a destination: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Research the following, and cite the sources you used.

|  |  |  |  |
| --- | --- | --- | --- |
| **item** | **website** | **prices** | totals |
| flights |  |  |  |
| hotels |  |  |  |
| activities |  |  |  |
| transportation |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Use the chart or make an organized list of all the costs involved, and then add up everything to get a total price for you dream trip.

Explore the Math…

Once you have your totals, answer the following questions, showing all work involved:

1. Imagine that you won a contest and received a **$123.45 discount** on the cost of your flights. How much do your **flights cost now**? **Write an equation** and then **solve it**.
2. Your parents have decided to **pay for half** of your hotel costs. **Write an equation** that would show the math involved in calculating the **new total cost** of your trip.
3. **Write an order of operations equation** to show how to find the cost of **your original trip if it was a total cost for you and your best friend**. (HINT: Think about what expenses would be shared, and which ones would be doubled.)
   1. **How much money do you each save?**