**Road Trip Project: Part Three**

**Step 1**: How long will you spend in each city?

|  |  |
| --- | --- |
| **City 1:**  |  |
| **City 2:** |  |
| **City 3:** |  |
| **City 4:** |  |
| **City 5:** |  |

Days Spent Sightseeing \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step 2**: You can travel 800 miles in 1 day. Calculate the number of days you will spend driving from city to city.
Use a proportion! This does not include the time you will spend sightseeing.

Days Spent Driving \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Total Days of Vacation \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step 3**: You will need a hotel room for every day of your vacation except the last.

|  |  |
| --- | --- |
| **Hotel Rating** | **Cost per Night** |
| http://upload.wikimedia.org/wikipedia/commons/thumb/c/c8/Black_Star.svg/432px-Black_Star.svg.png | $45 |
| http://upload.wikimedia.org/wikipedia/commons/thumb/c/c8/Black_Star.svg/432px-Black_Star.svg.pnghttp://upload.wikimedia.org/wikipedia/commons/thumb/c/c8/Black_Star.svg/432px-Black_Star.svg.png | $55 |
| http://upload.wikimedia.org/wikipedia/commons/thumb/c/c8/Black_Star.svg/432px-Black_Star.svg.pnghttp://upload.wikimedia.org/wikipedia/commons/thumb/c/c8/Black_Star.svg/432px-Black_Star.svg.pnghttp://upload.wikimedia.org/wikipedia/commons/thumb/c/c8/Black_Star.svg/432px-Black_Star.svg.png | $75 |
| http://upload.wikimedia.org/wikipedia/commons/thumb/c/c8/Black_Star.svg/432px-Black_Star.svg.pnghttp://upload.wikimedia.org/wikipedia/commons/thumb/c/c8/Black_Star.svg/432px-Black_Star.svg.pnghttp://upload.wikimedia.org/wikipedia/commons/thumb/c/c8/Black_Star.svg/432px-Black_Star.svg.pnghttp://upload.wikimedia.org/wikipedia/commons/thumb/c/c8/Black_Star.svg/432px-Black_Star.svg.png | $200 |
| http://upload.wikimedia.org/wikipedia/commons/thumb/c/c8/Black_Star.svg/432px-Black_Star.svg.pnghttp://upload.wikimedia.org/wikipedia/commons/thumb/c/c8/Black_Star.svg/432px-Black_Star.svg.pnghttp://upload.wikimedia.org/wikipedia/commons/thumb/c/c8/Black_Star.svg/432px-Black_Star.svg.pnghttp://upload.wikimedia.org/wikipedia/commons/thumb/c/c8/Black_Star.svg/432px-Black_Star.svg.pnghttp://upload.wikimedia.org/wikipedia/commons/thumb/c/c8/Black_Star.svg/432px-Black_Star.svg.png | $300 |

Create a table showing the number of nights you will spend in each type of hotel and the amount spent on each type of hotel.

|  |  |  |  |
| --- | --- | --- | --- |
| Hotel Rating | Number of Days | Cost per Night | Total Cost |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Money Spent on Hotels \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step 4**: For each day you spend driving, you will eat 3 meals. You may choose where you eat your meals.

|  |  |
| --- | --- |
| Fast Food Restaurant | $5.50 |
| Nice Restaurant | $10.00 |
| Fancy Restaurant | $25.00 |

Total Days of Vacation \_\_\_\_\_\_\_\_\_\_\_\_\_\_ X 3 Meals per Day = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Meals

|  |  |  |  |
| --- | --- | --- | --- |
| Type of Restaurant | Number of Meals | Cost per Meal | Total Cost |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Money Spent on Food \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step 5**: Your rental car will cost $60 per day plus 30 cents per mile. Calculate the cost for renting the vehicle for the entire trip.

Money Spent on Rental Car \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**TOTAL COST OF TRIP**

|  |  |
| --- | --- |
| FUEL (Day 2 Handout) |  |
| RENTAL CAR (Step 5) |  |
| HOTEL (Step 3) |  |
| FOOD (Step 4) |  |

TOTAL COST OF ROAD TRIP \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_