

Puerto Rico Trip Proportions

This summer, your family has decided to take a trip to Puerto Rico. You will start in San Juan and travel to three other cities before returning to San Juan. It is your job to decide what cities to visit and calculate how far you will travel.

Step 1: Plan your trip. You may only visit cities that are listed as a top ten destination on this website - <http://welcome.topuertorico.org/exploring.shtml>. You will need to scroll down some to find this. Choose which 3 cities you will be visiting during your summer vacation.

Starting City	San Juan, Puerto Rico
City #1	
City #2	
City #3	
Ending City	San Juan, Puerto Rico

Step 2: Using a ruler, draw a straight line connecting each city you will be visiting. (Draw a straight line from San Juan to City #1. Then, draw a straight line from City #1 to City #2, etc.)

Step 3: Using the ruler, measure the length of the line connecting each city in your trip. **ROUND EACH DISTANCE TO THE NEAREST QUARTER INCH.** Fill out the following table:

Starting City	Ending City	Distance on Map (in centimeters)
San Juan, Puerto Rico		
	San Juan, Puerto Rico	

Step 4: Use the scale on the map to write a ratio of distance on map to distance in real life. Your ratio should be written as a fraction. Be sure to include units.

Step 5: Calculate the distance of each leg of your trip using the ratio you just found. Set up a proportion and cross multiply to find the distance in real life between each of the cities.

ROUND TO THE NEAREST MILE.

List 2 Cities and Distance in Inches	Proportion	Show Work	Distance in Miles

Step 6: Find the total distance traveled during your road trip. _____

Step 7: How much money should you budget for gas if each gallon costs \$2.78 on average?

ENRICHMENT.

<https://www.expedia.com/>

<https://www.priceline.com/>

<https://www.hotwire.com/>

<https://www.travelocity.com/>

Using the websites above complete the following.

Step 8: Find the cost of airfare from Atlanta to San Juan. Record the cost for a family of **FOUR**.

Step 9: Find the cost to rent a car for **EIGHT** days. Record the cost below.

Step 10: Find a hotel for each city on your itinerary. You will stay in each city for **TWO** nights – including San Jose. Record the costs for each hotel.

City	Cost Per Night	Cost for TWO Nights
San Jose		
City 1		
City 2		
City 3		
	TOTAL FOR ALL HOTELS:	

Step 11: Determine the **TOTAL COST** of your trip. (Include Airfare, Car Rental, Gas, and Hotel).

Step 12: Do you think the **TOTAL COST** from above includes all expenses a family of four would incur during a trip? If not – list other expenses not included.

Puerto Rico

OCÉANO ATLÁNTICO

Puerto Rico
(E.U.A.)

Mar Caribe



67° O

66° O

19° N
18° N
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