

Instructions

Math

GAS - Unit Rates and Multiplication

Gallons:

Cost per gallon: \$

Total gas cost (multiply): \$

Show your work!

RENTAL VS. BORROWING A CAR

Rental car total: \$428

Gallons:

Cost per gallon: \$

Total gas cost (multiply): \$

Borrowed car gas total: \$

Total savings (Difference): \$

Which option was more cost-effective: Renting a car for \$428 or borrowing a car and paying for gas? Why?

PORT DISCOVERY EXPERIENCE - Percent and Discounts Word Problem

Original total cost: \$

Discounted total cost: \$

Total savings: \$

Percent saved: %

Total Savings:

Percent Saved:

Bonus Word Problem - Parking Costs

Cost without validation: \$34

Discount offered: \$15 off

Money Saved: \$

Percent saved: %

Money Saved:

Percent Saved:

If you were the travel agent, how could you help the homeschool group plan better to save money on parking?

Multi-Step Word Problems - Entertainment and Parking

Aquarium: \$

Parking (after validation): \$19

Total Cost: \$

Question 1

Original adult tickets: $\$39.95 \times 2 = \$$

Original child tickets: $\$29.95 \times 3 = \$$

Total original cost: \$

Discount percent: 40%

Discount amount: \$

Discounted total cost: \$

Show your work!

Question 2

Original parking fee: \$35

Validated parking fee: \$19

Parking discount: \$

Formula to solve for discount:

Discount = Original Price – Discounted Price

Show your work!

Writing

Reflect on what you have learned from this cost-benefit analysis of your trip to Baltimore. Write a short essay about the importance of budgeting and planning for family trips. Consider how math

plays a role in real-world decision-making.

How do you think this experience will help you make better financial decisions in the future?

Spreadsheet

Create a budget summary in Google Sheets that includes all the costs and savings from this trip. Include the following categories:

1. Transportation (gas, rental fees)
2. Attractions (Port Discovery, Aquarium)
3. Parking

Write the final total amount saved by using discounts and borrowing the car instead of renting:

Total savings after discounts: \$

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