

Name _____ Date _____ Class _____

Let's take a trip!

Directions: Summer is here, and the Marcus family is planning a trip. Help them determine the total cost.

Getting there:

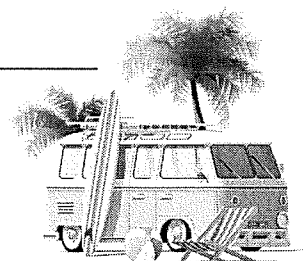
The Marcus family is going to drive since airfare is quite expensive. Their family vehicle has an 18-gallon gas tank and can travel 30 miles on one gallon of gas.

- The trip is 870 miles, one way.
How many miles do they travel there and back? _____
- If they can travel 30 miles on one gallon of gas,
and their family car has an 18-gallon tank,
how many miles can they travel on one tank of gas? _____
- How many gallons of gas will their family need to
travel the number of miles in the trip (round trip)? _____
- Gas will cost an average of \$2.15 per gallon.
How much will their family spend on gas? _____

Staying there:

The Marcus' will spend 7 nights in a hotel during their vacation.

- The cost for one night in the hotel is \$249.99.
What is the total cost for all 7 nights? _____
- Oops, don't forgot to add in sales tax, which is
7%. What is the final cost? _____
- One more thing – It costs \$12.75 per night to park a
car on the lot. How much will they spend just in parking? _____
- What is the total hotel cost?(room, tax & parking) _____



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Dining Out:

The Marcus family goes out to eat 4 nights during vacation.
There are two adults and two children in their family.

- The first night they go to a buffet.
The cost is \$24.99 per adult and \$12.99 per child.
Plus 8% sales tax, how much did dinner cost? _____
- The second night kids eat free!
The adults spend \$14.99 each on their meals.
They also leave an 18% tip. How much did dinner cost? _____
- The third night you go to a pizza buffet.
The cost is \$7.99 per person, regardless of age.
Plus 8% sales tax, how much did dinner cost? _____
- The final night they go somewhere fancy!
Each adult orders a meal that costs \$22.95.
Each kid's meal costs \$5.75. They also share an
\$11.99 appetizer and everyone gets a \$6.50 dessert.
They leave an 18% tip. How much did dinner cost? _____
- What was the total cost of dining out during the week? _____

Total Vacation Cost:

- What was the total cost for gas? _____
- What was the total cost for the hotel? _____
- What was the total cost for dining out? _____
- What was the grand total for this vacation? _____
- Their family budgeted \$3,000 for this trip.
Did they stay within budget? Explain: _____

