

Math 5 - 1st Quarter Project - PLAN A VACATION (Due _____)

1. You have a budget of \$2,000.00 to spend on a vacation just for yourself. Use the attached **VACATION BROCHURE** to plan your vacation. Keep track of your expenses with the attached **BUDGET** sheets. (Follow the budget sheet example provided.) Your vacation must be at least 7 days and 6 nights long. You may travel longer as long as you have money left. **Important!** Be sure you have enough money left to make the return trip home.
2. Choose a destination from the **VACATION BROCHURE**. You must drive. The car you are driving has a gas tank that holds 20 gallons of gas. Each gallon of gas costs \$3.00 each. So how much will it cost you every time you have to fill up your car with gas? _____
Your car can travel 15 miles on one gallon of gas. How far can you drive before you need to fill up the car with gas?

Also, you may not drive more than 600 miles per day. You must stop at a hotel for the night if you are driving to a location farther than 600 miles away. Once you get to your destination, you do not have to worry about driving. Assume that you will walk to get your meals and find your activities.
So where do you plan to go? _____
How far away is it in miles? _____
If you are driving 600 miles a day, estimate how many days will it take you to get there? _____
3. Choose which hotels you will stay at during your vacation. You may stay at one or several hotels of your choice from the **VACATION BROCHURE**. Remember you must stay at least 6 nights in a hotel.
4. Choose your meals from any of the restaurants in the **VACATION BROCHURE**. You may eat as many times as you wish from the same location. The prices are per person. Include snacks if you decide to use them.

5. What do you plan to visit or do on your vacation? You must participate in at least 7 activities. Activities are listed in the **VACATION BROCHURE** and they may be repeated.
6. Be sure to clearly identify all the gas purchased, lodging used, activities completed, and meals eaten in your **BUDGET**. Be sure to subtract the expense from your **BUDGET**.
7. Do not forget about the return trip home. The mileage charts are for one-way. You must make a return trip home. Be sure you have enough money in the **BUDGET** to make the return trip home!
8. Finally, draw a map of your travels which includes the roads, cities, and mileage. For **EXTRA CREDIT**, draw a postcard or photo of something you saw or did on your vacation.

Turn in: 1) This sheet, 2) the BUDGET, and 3) map and if doing the extra credit, 4) drawing of a photo of your destination.

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| 1. Destination choice with accurate mileage - (both ways). (10 points) | _____ |
| 2. Accurate log of car expenses (gas). (10 points) | _____ |
| 3. Lodging expenses listed for at least 6 nights. (12 points) | _____ |
| 4. Food expenses for a minimum of 7 days. (14 points) | _____ |
| 5. Listing of at least 7 activities. (14 points) | _____ |
| 6. Accurate math computations and budgeting. (20 points) | _____ |
| 7. Neat and legible BUDGET - (<u>printing is permitted.</u>) (5 points) | _____ |
| 8. All required papers and materials turned in for credit. (5 points) | _____ |
| 9. Map of your trip with mileage shown, roads traveled, and city names. (10 points) | _____ |
| 10. <u>Extra Credit</u> - include a drawing of a photo of your trip. (3 points) | _____ |
| Total Points = 100 points (+ 3 extra credit) | _____ /100 |