

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

Discrete Math

***DISCRETE MATH PROJECT!***  
***BUDGETING and PLANNING A TRIP***

You have just decided that you are going to take your first big trip. You are going to be given a certain amount of money, and you are going to need to figure out how to budget it for the following things:

- ⊙ Gas money
- ⊙ Car rental
- ⊙ Food and lodging
- ⊙ Expenses of entertainment
- ⊙ Miscellaneous expenses

You are going on a cross country trip to meet your best friend in California. You are leaving Long Island on \_\_\_\_\_, and will get to California on about \_\_\_\_\_. You plan on also stopping along the way to see a variety of attractions and sights that you've always wanted to see! You are going to stop in 6 cities along the way to California.

You've saved up \_\_\_\_\_ for this trip.

In each of these 6 cities that you are going to stop in, you are going to see at least one "big" attraction (big could mean the world's largest mall, historic museums, baseball stadiums... whatever makes you happy – WITHIN REASON – We are only stretching your age to 18 for this imaginary vacation).

You are going to have to plan out your trip to these 6 cities and your final destination, figure the number of miles to California when going this route to the 6 cities and your final destination, and then use the number of miles and the mileage on the car to figure the cost of gas. The guideline we are using for the **gas cost is \$2.65** per gallon. You will be spending **2 nights** in each city for a total of **14 travel days**, the first and last day you do not need hotels.

You are going to have to map out your course to California, plan the number of days to stay in each city, find food and lodging, rent a car, and also figure GAS MILEAGE.

ALSO...don't spend ALL of your money during your travels. You need a good amount of money left over for California (the purpose for this trip) so that you can actually have some fun when you get there!

**DUE DATE:**