## **GRISWOLD INDIVIDUAL TRAVEL LOG - EXTRA CREDIT**

Name:	
Directions: Once you have completed the the g	roup travel log, you will utilize some of the information to complete
this individual log. Divide the trip into four par	rts as follows:
Clarke uses cities 1-12	Rusty uses cities 25-36
Ellen uses cities 13-24	Audrey uses cities 37-48

Copy the information for your 12 cities into the data table below except for the total miles column. Then calculate the totals and the statistics for your particular information. Again, this is an individual activity and your family will turn in four completed pages.

Day	Start at	Travel to	Mileage	<b>Total Miles</b>	Gallons	Gas Cost	Food	Hotel	Car Maint.

(see back for all calculations necessary to earn extra credit)

## **TOTALS:**

Total miles traveled for your 12 citites	
Total gallons of gas used for your 12 cities	
Total gas cost for your 12 cities	
Total food cost for your 12 cities	
Total hotel cost for your 12 cities	
Total car maintenance for your 12 cities	

## Mean, Median, Mode, and Range:

Calculate these statistics for the following columns...

	Mileage	Gallons	Gas Cost
MEAN			
MEDIAN			
MODE			
RANGE 1			
RANGE 2			

## **VOCABULARY:**

Mean: Also known as the average. Calculated by adding up all the numbers and dividing by how many numbers there are (12).

Median: The number in the middle when the numbers are lined up from least to greatest. If there are two numbers in the middle, then the two numbers are averaged.

Mode: The most common number. If two or more numbers tie for the most common, then they are all listed. If no number is more common than any other number, "no mode" is listed.

Range 1: Shown as the least number to the greatest number (for example: 10-96).

Range 2: The difference between the greatest and least numbers (in the example above, 86).