

**Planning A Summer Vacation**

Name: \_\_\_\_\_

You are planning your family vacation for the summer and decide that you want to travel out of the country. While on the trip you have to budget for all kinds of expenses.

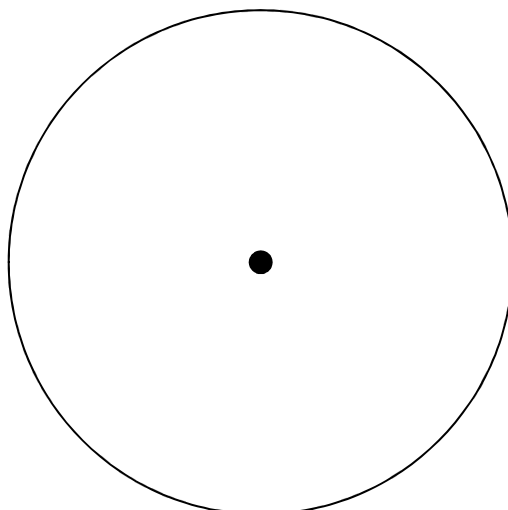
1. Itinerary (Where are you going?)	Origin		Destination #1	
	Destination #1		Destination #2	
	Destination #2		Destination #3	
	Destination #3		Destination #4	
	Destination #4		Destination #5	
	Destination #5		Origin	

2. Distance to Destinations (miles) round to hundredths	Origin to Destination #1:	
	Destination #1 to Destination #2	
	Destination #2 to Destination #3	
	Destination #3 to Destination #4	
	Destination #4 to Destination #5	
	Destination #5 to Origin	
	<b>Total miles (Round trip)</b>	

3. Determine what fraction of the trip is from.....		<b>Fraction</b>	<b>Decimal</b>	<b>Percent</b>
	Origin to Destination #1:			
	Destination #1 to Destination #2			
	Destination #2 to Destination #3			
	Destination #3 to Destination #4			
	Destination #4 to Destination #5			
	Destination #5 to Origin			

4. Using all of the percentages from question 3, create a circle graph using your data in the box below.

	<b>Fraction</b>	<b>Color</b>
Origin to Destination #1:		
Destination #1 to Destination #2		
Destination #2 to Destination #3		
Destination #3 to Destination #4		
Destination #4 to Destination #5		
Destination #5 to Origin		



5. A Boeing 777 carries around 325 passengers and has a range of about 8,000 miles. The airplane gets about 0.44 miles per gallon of fuel. Not very good gas mileage! How many gallons of gas would be needed for each leg of the trip?

	<b>Miles</b>	<b>Gallons of gas (Round to tenth)</b>
Origin to Destination #1:		
Destination #1 to Destination #2		
Destination #2 to Destination #3		
Destination #3 to Destination #4		
Destination #4 to Destination #5		
Destination #5 to Origin		

6. A gallon of airplane gas costs about \$4.50. How much money will it cost for the gallons used on each leg of the trip?

	<b>Gallons of gas</b>	<b>Price for gas (Round to cent)</b>
Origin to Destination #1:		
Destination #1 to Destination #2		
Destination #2 to Destination #3		
Destination #3 to Destination #4		
Destination #4 to Destination #5		
Destination #5 to Origin		

7. While in one of your destinations you went out to dinner at a local restaurant. Write out your bill at the restaurant and figure out the tax, tip, and total.

Destination		
Restaurant		
	<b>Restaurant Bill</b>	<b>Amount</b>
1.		
2.		
3.		
4.		
	Subtotal (add all items)	
	Tax (8.25% of Subtotal)	
	Tip (15% ,20%, or 25% of Subtotal)	
	Grand Total (Subtotal + Tax + Tip)	
	Dollar amount paid with (\$30, \$50, or \$100)	
	Change (Dollar Amount Paid With – Grand Total)	

8. Hotel Information: You decide to stay several nights in each of you destinations. Find out the amount you pay at each destination and the total hotel expenses.

Destinations		Hotel Name	Daily Rate	Number of Nights	Total amount in each destination
1				2	
2				1	
3				2	
4				3	
5				4	
Total Hotel Expenses					

9. While at one of the destinations you decide to do some sightseeing. List all the sightseeing places you visited while on vacation at the particular destination.

Destination	Sightseeing		Cost Per Person	Number of people	Total amount
<hr style="width: 100%; border: 0.5px solid black; margin-bottom: 5px;"/> (City)	1				
	2				
	3				
Grand Total					

10. Since the family realizes that they are strapped for cash each family member is going to have to pay their equal share of the trip. Fill in the table below and determine how much money each family member will be needed to pay.

Total Cost of Gas for Roundtrip	
Total Cost of Dinner in 1 location	
Total Cost of Hotels for Roundtrip	
Total Cost of Sightseeing for 1 location	
Grand Total	
Since the economy is tight each member of the family has been asked pitch in and pay for an equal amount of the Grand Total. There are ____ members in the family so each person will be paying _____.	

Questions from Countries around the world.

11.	Many people enjoy Brazilian coffee. Brazil grows roughly a third of the world's coffee. While in Brazil Ms. Greenwood buys 5.8 kg of coffee. She divides the coffee into 8 bags. How much coffee will be in each bag?	
12.	Ms. Johnsen prefers her coffee to be from Columbia. Colombian coffees are processed using the wet method and are typically mild and balanced with good body and flavor. Ms. Johnsen buys the same amount of coffee in Columbia but wants hers in 0.25 kg bags. How many bags will she need?	
13.	Ms. Giffin decided that while on her vacation in Costa Rica she would teach English classes to the local children. She earned \$7.58 an hour and made \$306.99 during her week of vacation. How many hours did he work?	
14.	Ms. Moore decided that she wanted to help out with the local Habitat for Humanity building project while in Honduras on her vacation. She bought 5.3 pounds of nails that cost \$16.96 to help out with the house she was building. What is the price of one pound of nails?	
15.	While traveling through India during monsoon season, Mr. Mangham recorded 365.8 inches of precipitation in June, 354.98 inches in July and 372.5 inches in August. What was the average precipitation for the three months? Round answer to hundredths place.	