

Name _____
 Date _____

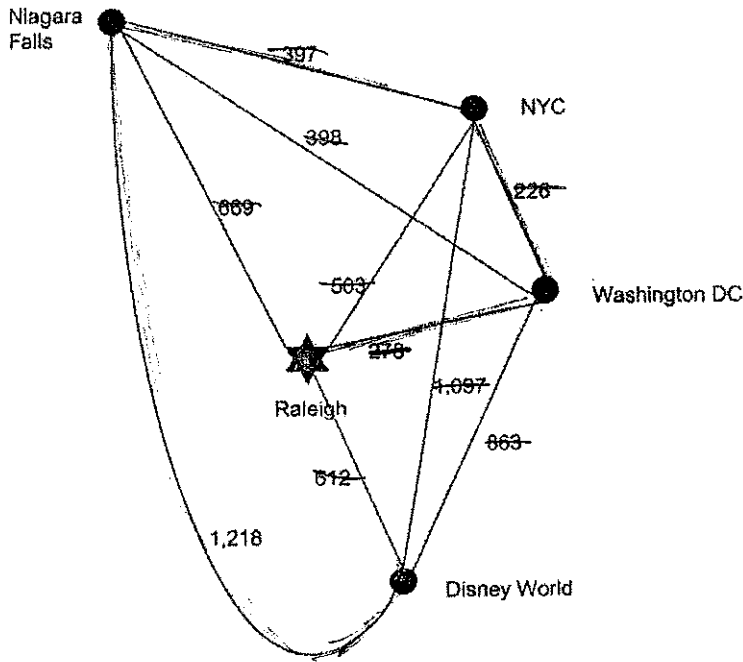
Back _____
 CW Day _____

Four heirs, Skyler, Flynn, Holly, and Marie divide fairly an estate consisting of four items— a car wash, a house, a car, and a watch— using the **Method of Sealed Bids**. The players' bids are given in the table below.

- (a) **(The Bids)** Determine each player's opinion of the total value of the estate and the value that each player places on a fair share. Enter these values in rows (1) and (2) of the table.
- (b) **(The Allocation)** Determine the allocation of the items in the estate. Fill in the item(s) allocated to each player in row (3) of the table.
- (c) **(The Payments)** After the items are allocated, some players will owe the estate money and others will be owed money by the estate. Determine the amount of money each player owes or is owed and enter this in row (4) OR (5) of the table.
- (d) **(Dividing the Surplus)** After the payments are all made, there might be a surplus left in the estate. Determine each player's share of the surplus and enter it in row (6) of the table.
- (e) **(Final Settlement)** Find the net settlement (items and money) for each player and enter it in row (7) of the table.

		Skyler	Flynn	Holly	Marie
Bids	Car Wash	\$800,000	\$500,000	\$750,000	\$100,000
	House	\$200,000	\$120,000	\$250,000	\$180,000
	Car	\$10,000	\$9,000	\$6,000	\$5,000
	Watch	\$1,000	\$1,500	\$1,200	\$1100
	(1) Total Value of Estate	1,011,000	630,500	1,007,200	286,100
	(2) Value of a Fair Share	\$252,750	\$157,625	\$251,800	\$71,525
Allocation	(3) Item(s) Allocated	Car Wash Car	Watch	House	Nothing
Payments	(4) Player Owes Estate	\$557,250			
	(5) Estate Owes Player		\$156,125	\$1,800	\$71,525
Surplus	(6) Share of Surplus	\$81,950	\$81,950	\$81,950	\$81,950
Final Settlement	(7) Final Settlement				
	Items:	Car Wash Car	Watch	House	None
	Money (+/-):	-\$475,300	+\$238,075	+\$83,750	+\$153,475

You are having an exchange student visit you next Summer and you want to plan some East Coast trips for both of you. The sites you want to visit are Niagara Falls, New York City, Washington D.C., and Disney World. Your visitor is flying into Raleigh and your trip will start and end there. Using the mileages below, plan out the most efficient trip so as to minimize your total mileage. State the order in which you will visit the sites, starting and ending in Raleigh, and state the total mileage of your final itinerary.



NN

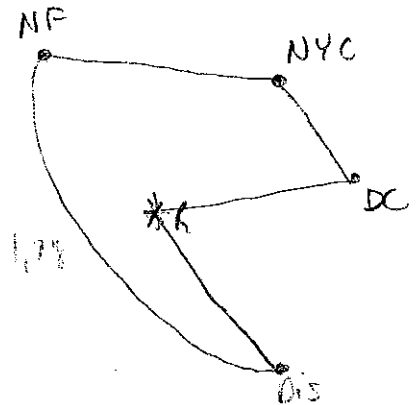
R - DC - NYC - Niagara Falls - Dis - Ra!

$$278 + 226 + 397 + 1218 + 612$$

2731 miles

SE

- 226 ✓
- 278 ✓
- 397 ✓
- 398 ✗
- 503 ✗
- 612 ✓
- 669 ✗
- 863 ✗
- 1097 ✗
- 1218 ✓



$$226 + 278 + 397 + 612 = 1218$$

2731