



Numeracy Strategy

Financial Planning

Created: 10/2017 by the National FFA Organization

DESCRIPTION:

This experiential learning activity allows students to put themselves in the place of someone planning for a trip by comparing different options and finding which is the most cost effective.

EXAMPLE ACTIVITIES: This activity could be used as practice for record books or SAE financial records.

THESE ACTIVITIES ARE ALIGNED TO THE FOLLOWING STANDARDS:

Common Core- Math

- MP1: Make sense of problems and persevere in solving them.
- MP2: Reason abstractly and quantitatively.
- MP6: Attend to precision.

National Standards for Financial Literacy

- Buying Goods and Services, Benchmarks: Grade 12, Statement 1 Consumer decisions are influenced by the price of a good or service, the price of alternatives, and the consumer's income as well as his or her preferences.
- Buying Goods & Services: Benchmarks: Grade 12, Statement 3 When buying a good, consumers may consider various aspects of the product including the product's features.

NAME: _____

How Much Will You Spend?

DIRECTIONS:

Your ag teacher is planning your chapter's trip to the National FFA Convention & Expo. They need your help calculating the costs to determine the most cost-effective option. Utilize the information below to calculate the price per person and the price for a total of ten individuals to attend the event.

Key Information:

- You will be gone a total of 4 days.
- One tank of gas covers 305 miles.
- The rental car has a 12-gallon gas tank.
- Plane ticket:** Find price at <https://www.southwest.com/>.
- Registration cost:** Find cost at www.ffa.org/convention
- Miles from your school to Indiana Convention Center** (100 S. Capitol Avenue, Indianapolis, IN 46225): Determine distance at <https://www.google.com/maps?hl=en&tab=wj>.

OUTSIDE OF HOUSING BLOCK PLANE

Plane Ticket: _____

Cab/Uber to Hotel: \$20/car (fits 3 people)

Hotel: \$225/night + 10% tax for 3 nights

Total: _____

Registration: _____

Food: \$40/person per day

Total: _____

Grand Total/person:

Grand Total for 10:

HOUSING BLOCK PLANE

Plane Ticket: _____

Cab/Uber to Hotel: \$20/car (fits 3 people)

Hotel: \$225/night + 10% tax for 3 nights

Total: _____

Registration: _____

Food: \$40/person per day

Total: _____

Grand Total/person:

Grand Total for 10:

NAME: _____

OUTSIDE OF HOUSING BLOCK CHARTER BUS

Charter Bus: \$500 base + \$0.03/mile

Miles Traveled: _____

Hotel: \$225/night + 10% tax for 3 nights

Total: _____

Registration: _____

Food: \$40/person per day

Total: _____

Grand Total/person:

Grand Total for 10:

HOUSING BLOCK CHARTER BUS

Charter Bus: \$500 base + \$0.03/mile

Miles Traveled: _____

Hotel: \$225/night + 10% tax for 3 nights

Total: _____

Registration: _____

Food: \$40/person per day

Total: _____

Grand Total/person:

Grand Total for 10:

OUTSIDE OF HOUSING BLOCK RENTAL CAR

Rental Car/Van: \$130/day _____

Miles Traveled: _____

Gas: \$2.29/gallon

Total: _____

Hotel: \$225/night + 10% tax for 3 nights

Total: _____

Registration: _____

Food: \$40/person per day

Total: _____

Grand Total/person:

Grand Total for 10:

HOUSING BLOCK RENTAL CAR

Rental Car/Van: \$130/day _____

Miles Traveled: _____

Gas: \$2.29/gallon

Total: _____

Hotel: \$225/night + 10% tax for 3 nights

Total: _____

Registration: _____

Food: \$40/person per day

Total: _____

Grand Total/person:

Grand Total for 10: