Map Trip Worksheet

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

You are planning a trip from Sandburg to a city or town in Illinois. Once you have found your destination use the expressways as much as possible.

Keep in mind:

1. Your gas cost (\*currently about) $2.50 per gallon.
2. Your car gets 18 miles per gallon.
3. Your average speed is 60 mph (at 60 mph you travel about 1 mile per minute).

Your destination is\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Leave from Sandburg

 It takes about (9.5)miles to 1-55

 It takes about (8) miles to I-80

1. What was the route that you took? Make sure you write down which direction you are traveling.
2. How many miles was it to your destination?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. How many gallons of gas did you use to get to your destination?\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. What was the total cost of gas for your trip?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. What was your total driving time?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Directions And Mapping Expressway**

*Two Numbers:*

* You are going east or west if the back number is even

Example:I-80, I-88

* You are going North or South if back number is odd

Example: I-57, I-55

*Three Numbers:*

* An even number in front is a bypass. (A bypass is a road which goes around a city) Example): I-465



**Street Directions**

* Avenues (names) run North and South
* Example: LaGrange Rd. and Harlem Ave. and.Ridgeland Ave.

• Numbers increase as you go west

• Numbers decrease as you go East

* Streets (numbers) run East and West.

• Example: 143rd. -135th -131st.

• Numbers decrease as you go North

• Numbers Increase as you go South

* The dividing line between North and South is Madison Street
* The dividing line between East side and West side is State Street

House Addresses:

* West and North side of the street even Numbers: 13544
* East and South side of the street odd numbers 13543

**How to Calculate Miles Per Gallon take**

* Current Odometer Reading – (Last Odometer Reading) / Gallons used since last fill up.
* From the example above for the last two rows
* (24,785 - 24,475) = 310 miles driven on the tank since the last fill up.
* 310 miles / 10.2 gallons used = 30.4 miles / gallon
* Note this only works properly using fill up to fill up, since putting less than a fill up would not tell how much fuel was used to arrive at the same reference point.