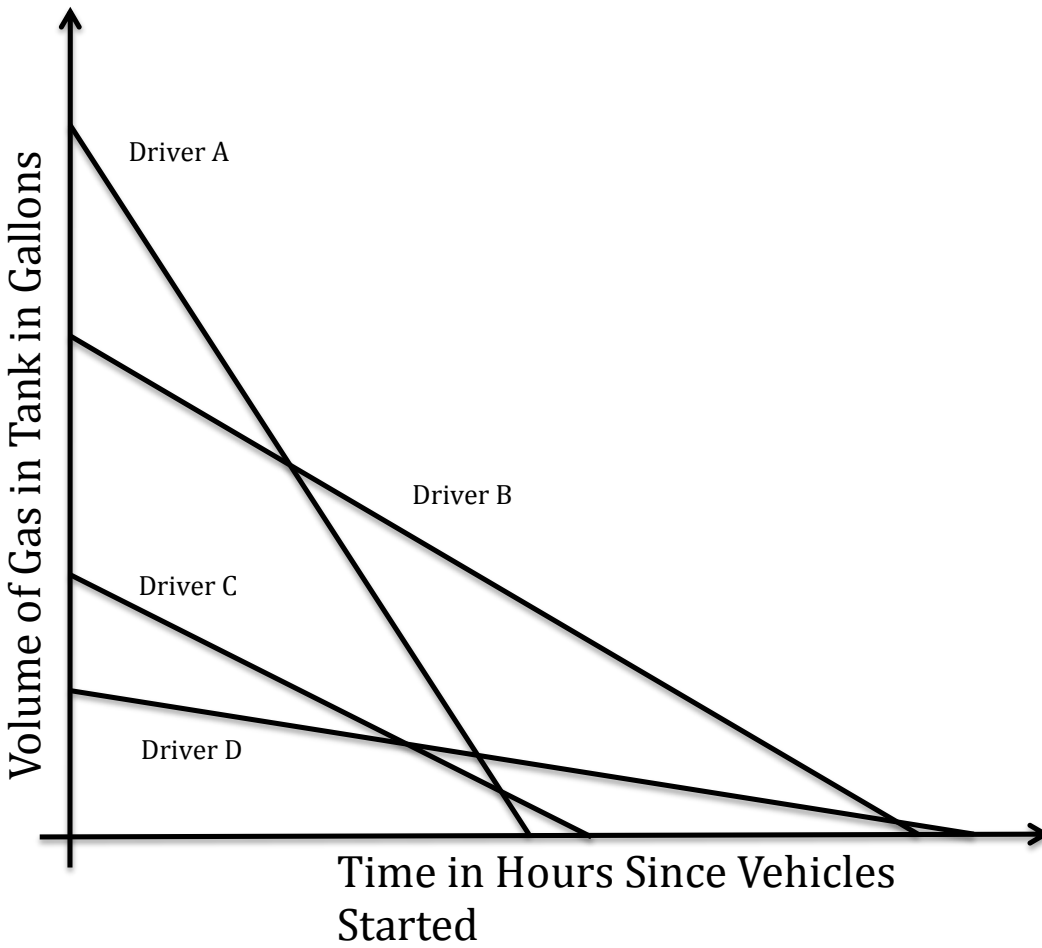


Assumptions: Four cars start driving with full tanks of gas on a flat road at a constant rate of 60 miles per hours. All the cars continue until they run out of gas.

What Can you Determine from this Graph?



Reflection 1

Compare your list of your determinations with a neighbor.

Answer these three questions together.

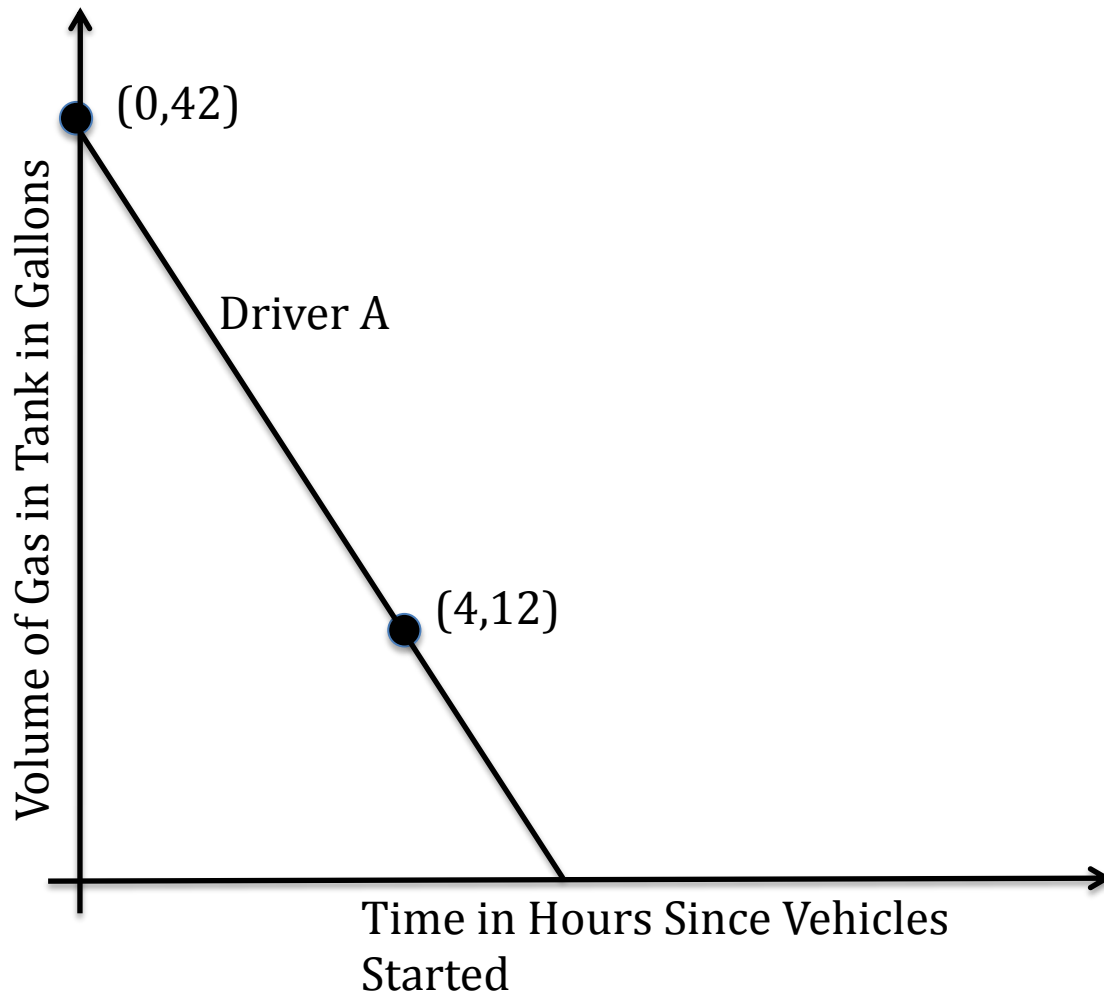
1) What can you Determine?

2) What Questions Do You Have?

3) What Else Do You Want to Know?

Now You Have More Information About One of the Cars.

What can you determine given this Data?



A Second Look

1. Look at the first graph with the four lines. Consider the data you have for Driver A. Now place ordered pairs on each of the lines that make sense to you given the information you know about Driver A.

2. What can you determine from the graph and your ordered pairs now?

Reflection 2

1. Think about the questions below by your self for five minutes.
2. Join your group and answer these questions.
3. Write your answers to the first two questions on your group's poster. Put your answers to the third question on the class question poster.

What are some general ideas about linear graphs do you think you understand now?

What new math skills did you learn while thinking about this problem?

What questions do you have? - Write your group's questions on the sticky notes provided.