

Name _____

Assessment Activity Worksheet

Answer the following questions as you read through the Assessment Activity. Use \$3.81 as the cost of a gallon of gas as used in the process.

1. Given the 2.33 gallons of gas and the \$1.54 cost for electricity, how much would it cost to run the Volt for 117 miles?
2. At 117 miles, the Prius would burn 2.34 gallons of gas. How much would that cost?
3. What is the difference between the Volt and the Prius?
4. What is the difference for the car you used and the LEAF for a year? Please also write down the name of the car you used to compare.
5. Does this cost difference surprise you or make you feel differently about electric (hybrid) vehicles? Why or why not?
6. What are the benefits of the Volt versus the other vehicles? List the benefits.