A STEM in the Park Take Home Activity

STEM in the PARK™

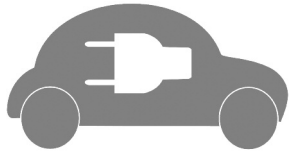
Science, Technology, Engineering, and Mathematics

# Fuel Efficient Vehicles

Calculate how much a 800 mile trip would cost with these fuel efficient vehicles.

Trip Miles = 800

Cost of Gas = $3.00



1. If your Chevy Volt gets 93 miles per gallon and gas costs an average of $3.00 per gallon, how much will the gas for your trip cost?

Answer: _____

2. If your Toyota Prius gets 48 miles per gallon and gas costs an average of $3.00 per gallon, how much will the gas for your trip cost?

Answer: _____

***Continued on back***

3. If your Honda Fit gets 35 miles per gallon and gas costs an average of $3.00 per gallon, how much will the gas for your trip cost?

Answer: _____

4. If your Ford C-Max gets 37 miles per gallon and gas costs an average of $3.00 per gallon, how much will the gas for your trip cost?

Answer: _____

5. If your Nissan Pathfinder Hybrid gets 28 miles per gallon and gas costs an average of $3.00 per gallon, how much will the gas for your trip cost?

Answer: _____

## *WHAT WOULD EACH CAR COST IN FUEL TO TAKE ON THE TRIP?*

**HINT:** Divide total trip mileage (800) by the MPG, then multiply that answer times $3.00.

For example, Carol's trip totals 800 miles. 800/93 = 8.6.

8.6 X $3.00 = $25.80.

***This activity is brought to you by Thayer Family Dealerships***

Thayer BG
Family Dealerships