In Module D, you used round trip mileage to help estimate the total cost of gasoline for the trip. Find the total cost of gasoline considering the new factors below.

**Activity 1**
(1.) Your car has half of a tank of gasoline when you fill it up before leaving for your trip.

(2.) OPEC has drastically raised the cost of a barrel of oil. As a result, the cost of gas at the pump has spiked to $3.25 per gallon. What would your cost for gasoline now be? How does this increase affect your vacation budget?

(3.) Write your answers (and show your work) on an answer document. Put this answer document in your project portfolio.

**Activity 2**
(1.) Visit Illinois Gas Prices.com (www.illinoisgasprices.com).

(2.) Locate the two tables titled "Lowest Regular Gas Prices in the Last 48 Hours" and the "Highest Regular Gas Prices in the Last 48 Hours". Print this page.

(3.) Find the average, mean, median, and mode of the gas prices for both the "Lowest Regular Gas Prices in the Last 48 Hours" and the "Highest Regular Gas Prices in the Last 48 Hours". You may use a calculator to help you calculate the numbers.

(4.) Organize all your data in a table. This can be either a pencil-and-paper table or a table in Microsoft Word document. Include this table and your print out from above in your project portfolio.