**Rate and Unit Rate Task**

Research 2 compact cars. Compare and Contrast rate and unit rate as it applies to the gas mileage of the two cars. If each car travels from Memphis, TN to Chicago, Il, which is 532 miles, how many gallons of gas would each car use? How much money would you spend in gas on each car if gas was $1.88 per gallon? How many gallons of gas would you use if you were in a hybrid compact car that gets 48 miles per gallon?

Using the concepts of green energy, explore how energy efficient cars are developed. (explain in 1 to 2 paragraphs)

Students will make the connection that a rate is comparing 2 measurements, while a unit rate compares to a quantity of 1.