

# Thank you for downloading the Car Mileage Proportional Relationships Activity!

If you encounter an issue, whether a typo or a mathematical error or something else, PLEASE contact me and I will be more than happy to help sort it out. I want you to enjoy this product to the fullest. You can email me here: [johanna@misskuipersclassroom.com](mailto:johanna@misskuipersclassroom.com)

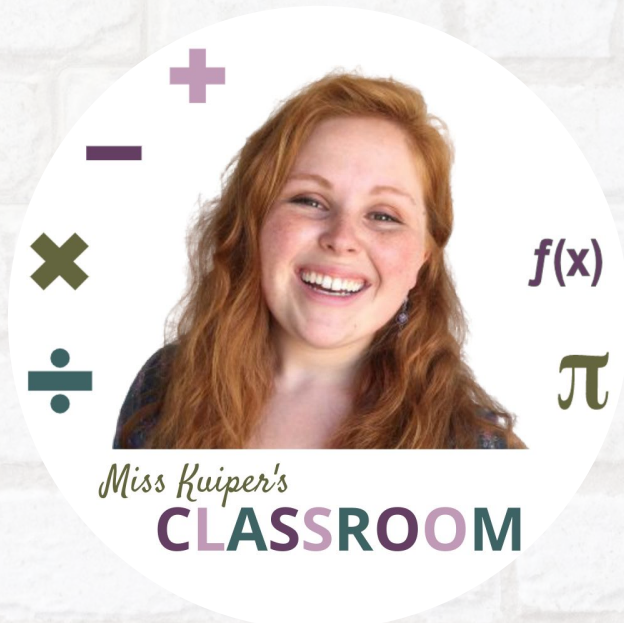


For more fun activities  
[visit my TpT here](#)

8th Grade Math Activities

Algebra 1 Activities

Free Resources



# Worksheet

Name: \_\_\_\_\_ Per: \_\_\_\_\_

**{Comparing Mileage}**

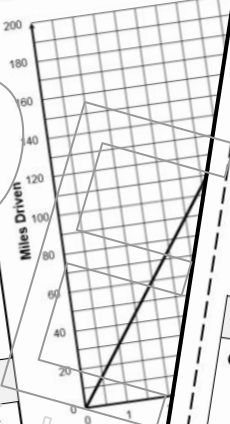
**Learning Target:** I can compare proportional relationships given a graph, table or situation.

**Car #1: The Legend**

Car Lover magazine is reporting that the new Legend is the most gas-efficient car on the market! Test drives have shown that the Legend gets up to 26 miles per gallon on the freeway.

**Car #4: The Leopard**

The newest model of the Leopard is still in testing, but the following graph from a test drive was released today.



**Car #2: The Dragon**

If you're looking for a used car, the Dragon is said to be the best. The table shows the data for test drives on the freeway:

Gallons Used	3	8	10	16
Miles Driven	75	200	250	400

**Car #3: The Mamba**

The Mamba is still testing, but the sneak-peek reports have told us that drivers were able to drive 405 miles on fifteen gallons of gas.

Rank the cars based on how good their gas mileage is.

1<sup>st</sup>: \_\_\_\_\_

2<sup>nd</sup>: \_\_\_\_\_

3<sup>rd</sup>: \_\_\_\_\_

4<sup>th</sup>: \_\_\_\_\_

You are planning a road trip from Salem, Oregon, to San Francisco, California. The trip is about 600 miles. Gas costs \$3.40 a gallon. How much money would you save if you took the 1<sup>st</sup> place car over the 4<sup>th</sup> place car?

**1<sup>st</sup> Place Car:**

Gallons needed to make the trip: \_\_\_\_\_

Cost of the trip: \_\_\_\_\_

**4<sup>th</sup> Place Car:**

Gallons needed to make the trip: \_\_\_\_\_

Cost of the trip: \_\_\_\_\_

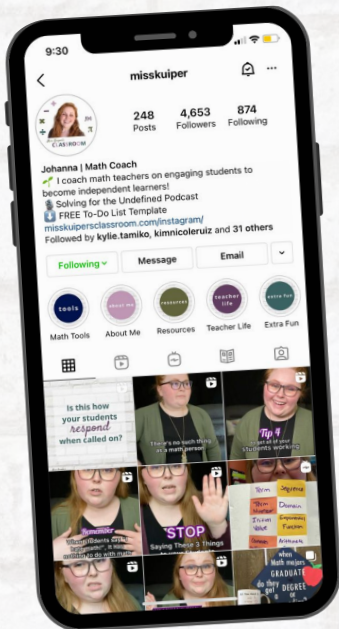
Money Saved: \_\_\_\_\_

© Miss Kuiper's Classroom, LLC



# What's Next?

You can read about how to reach your low-level learners and build them up to grade-level!



Find me on Instagram!  
I share actionable tips  
for math teachers

Listen to my podcast:  
Solving for the  
Undefined