

**Tostado Family Car Rental**  
*Which plan should they choose?*

The Tostado family is planning a 7-day vacation in Florida and needs to rent a car while there. They researched and found the following options:

- Weekly Rate 1            \$329 per week, unlimited mileage
- Weekly Rate 2            \$219 per week, plus 12 cents per mile
  
- Daily Rate 1              \$50 per day, unlimited mileage
- Daily Rate 2              \$40 per day, plus 3 cents per mile

The Tostado family doesn't know exactly how far they will drive but estimate that it will be between 500 and 1000 miles. They must decide which plan to choose.

**Individual Work**

1. Which plan do you think the family should choose? \_\_\_\_\_
  
2. What do you think will determine which plan they choose?  
\_\_\_\_\_  
\_\_\_\_\_

**Partner Work**

Write an equation to model each plan. Be sure to write the equations in the table. Use variables to represent the following:

\_\_\_\_\_ = **the total weekly cost**

\_\_\_\_\_ = **the number of miles**

**Using the bolded words above, fill in the blanks.**

\_\_\_\_\_ depends on \_\_\_\_\_.

Therefore, \_\_\_\_\_ is a function of \_\_\_\_\_.

**Complete the table below with the costs of each plan.**

**Total Rental Costs per Week**

<b>Total Miles Driven</b>	<b>Weekly 1</b> _____	<b>Weekly 2</b> _____	<b>Daily 1</b> _____	<b>Daily 2</b> _____
500				
600				
700				
800				
900				
1000				