

LESSON 14: Comparing Proportional Relationships

Homework

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Name \_\_\_\_\_ Date \_\_\_\_\_

**Scenario 1:** Purchase Bread A or Bread B from local bakeries.

Bread A	Bread B	
$b =$ loaves of bread $c =$ total cost of bread purchase  $c = 2.06b$	Loaves of Bread	Total Cost of Bread Purchase (\$)
	2	\$4.48
	7	\$15.68
	10	\$22.40
	13	\$29.12
Cost per loaf of bread :	Cost per loaf of bread:	

1. Which bread is less expensive to purchase for the store? Explain.

**Scenario 2:** Compare the gas mileage of Car A and Car B.

Car A	Car B										
<table border="1"> <thead> <tr> <th>Gallons of Gas Used</th> <th>Miles Traveled</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>84</td> </tr> <tr> <td>9</td> <td>252</td> </tr> <tr> <td>15</td> <td>420</td> </tr> <tr> <td>20</td> <td>560</td> </tr> </tbody> </table>	Gallons of Gas Used	Miles Traveled	3	84	9	252	15	420	20	560	
Gallons of Gas Used	Miles Traveled										
3	84										
9	252										
15	420										
20	560										
Gas Mileage:	Gas Mileage:										

2. Which car gets better gas mileage?