**DAILY MATH REVIEW 2 (7th Grade)**

**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| Mon. | Mark says the relationship is proportional because you always pay $1 for every 4 miles you drive. Nina disagrees and says that the relationship is not proportional because you first have to pay a $32 gas tank fee. Who do you agree with, and why? | In 2002, the price of a gallon of gas was $1.56. One year later, the price rose to $3.29. What was the percent increase from 2002 to 2003? | Chase spent $4.35 for 2.5 pounds of Granny Smith apples. At this rate, how much would he spend for 6 pounds of apples?  What would be the cost for one pound of apples? What does this rate represent? |
| Tues. | |  |  |  |  |  | | --- | --- | --- | --- | --- | | Cost ($) | 10 | 17 | 24 | 31 | | #of Tickets | 1 | 2 | 3 | 4 |   The table below shows the cost for ordering x number of tickets for a Belmont men’s basketball game.  Is the relationship between cost and the number of tickets proportional or nonproportional? Explain. | Clothes Are Us and Radcliff’s are having holiday sales. At Clothes Are Us, a sweatshirt is on sale for 40% off the regular price of $50. At Radcliff’s, the same sweatshirt is discounted by 30% off of the regular price of $40. Which store has the better sale price? Explain. | Simplify the following expression  (3x – 10) + (2x + 5) |
| Wed. | What does the point (1.5, 9) represent?  How many feet could this sloth travel in 4 minutes?  How many feet could this sloth travel in 4 minutes?  What is the constant rate of change? | Alexander bought a Macbook Pro laptop last weekend. Since he is a teacher, he gets a 15% discount off any purchase he makes from the Apple Store. The laptop was listed at $1,200. How much did Alexander pay if he got the 15% discount and also paid 9.25% sales tax? | Simplify the following expression.  (-4x + 1) – (8x – 3) |
| Thurs. | The table below shows the distance traveled by an iguana for *x* amount of minutes.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Hours (x) | 10 | 20 | 30 | 40 | | Miles (y) | 20 | 40 | 60 | 80 |   Graph the data on the coordinate plane below.  Is the relationship between the iguana’s time and distance proportional or non-proportional? Explain in the space below. | In preparation for the upcoming holiday season, Macy’s department store has decided to offer a 20% discount on all winter coats. What would be the sale price of a coat that was originally $450 with a 9.25% Tennessee state sales tax? | Tia is painting her house. She paints feet in hour. At this rate, how many square feet can she paint each hour? |
| Fri. |  | | |

**Daily Math review Expectations**

1. **Complete all problems each day.**
2. **Do your original work using a pencil at the beginning of class.**
3. **Make corrections using a pen, colored pencil, or marker during our whole class discussion.**
4. **If you are absent, you are still responsible for completing all of the problems.**
5. **Turn this in each Friday for a grade out of 15 points for accuracy.**

**Grade:\_\_\_\_\_\_\_\_\_\_/15**