Name: Weekly Math Homework - 16 Teacher:

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| **Monday (wk 16)** | **Tuesday (wk 16)** | **Wednesday (wk 16)** | **Thursday (wk 16)** |
| 1. Fill in the value that makes each number sentence true. Which of these are **additive** **inverses**?A. \_\_\_\_\_\_ + (-3) = 0B. -4 + \_\_\_\_\_ = -3C. \_\_\_\_\_ + (-4) = -7D. -6 + 6 = \_\_\_\_\_\_ | 1. Fill in the value that makes each number sentence true. Which of these are **additive** **inverses**?A. 4 + (-4) = \_\_\_\_\_\_B. -5 + \_\_\_\_\_ = -7C. 7 - (-2) = \_\_\_\_\_D. \_\_\_\_\_\_ + (-10) = 0 | 1. Which of the statements below could be represented by the expression -3 + (-4)? Write true or false and explain.A. Jim dove down 3 feet, then swam up 4 feetB. Ellie lost 3 pounds one week, then lost 4 pounds the next week. | 1. Which of the statements below could be represented by the expression 10 + (-4)? Write true or false and explain.A. Frank bought 10 candy bars, then gave 4 away to his friends.B. Sandra earned $10 at her job, then earned $4 for completing chores at home. |
| **2.** The maximumnumber ofpeople allowed in the school lunch room is 400. At 11:00, the lunchroom had 360 people.  of these people left and 220 more people came. Does the new amount exceed 300? | **2.** During first lunch, the lunch room had 18 tables with 8 people and another 16 tables with 9 people. How many people all together were in the lunchroom? | **2.**  The maximumnumber ofpeople allowed in the school lunch room is 400. At 12:00, the lunchroom had 320 people.  of these people left and 180 more people came. Does the new amount exceed 300? | **2.**  During first lunch, the lunch room had 17 tables with 7 people and another 18 tables with 6 people. How many people all together were in the lunchroom? |
| **3.** Michele wanted to compare her daily minutes of on her phone for a week to the monthly average of her friends.

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| **Day** | **Difference in Minutes from Friends' Monthly Average**  |
| **Sun.** | **-6** |
| **Mon.** | **9** |
| **Tues.** | **-8** |
| **Wed.** | **10** |
| **Thur.** | **14** |
| **Fri.** | **-10** |
| **Sat.** | **-2** |

Find the average of the values in the table.Explain what the average value means in terms of Michele's minutes on her phone for the week. | **3.** Mark wanted to compare his daily minutes spent biking for a week to the monthly average of his friends who also go biking.

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| **Day** | **Difference in Minutes from Friends' Monthly Average**  |
| **Sun.** | **8** |
| **Mon.** | **-7** |
| **Tues.** | **9** |
| **Wed.** | **-10** |
| **Thur.** | **1** |
| **Fri.** | **-6** |
| **Sat.** | **-9** |

Find the average of the values in the table.Explain what the average value means in terms Mark's minutes of biking for the week. | **3.** Chad wanted to compare his daily minutes spent practicing his trumpet for a week to the monthly average of his friends who play in the band with him.

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| **Day** | **Difference in Minutes from Friends' Monthly Average**  |
| **Sun.** | **5** |
| **Mon.** | **-10** |
| **Tues.** | **-7** |
| **Wed.** | **-12** |
| **Thur.** | **6** |
| **Fri.** | **9** |
| **Sat.** | **-12** |

Find the average of the values in the table.Explain what the average value means in terms of Chad's time practicing his trumpet for the week.  | **3.** Brianne wanted to compare her daily time spent at the gym for a week to the monthly average of her friends who also spend time at the same gym.

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| **Day** | **Difference in Minutes from Friends' Monthly Average**  |
| **Sun.** | **-6** |
| **Mon.** | **12** |
| **Tues.** | **10** |
| **Wed.** | **-10** |
| **Thur.** | **9** |
| **Fri.** | **5** |
| **Sat.** | **-6** |

Find the average of the values in the table.Explain what the average value means in terms of Brianne's minutes at the gym for the week. |
| **4. Solve. Show 2 ways.**Renee ran a total of  miles. She stopped every  mile to drink water. how many times did she stop? | 4. A recipe calls for these ingredients:

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| Flour | 1/2 cup |
| Sugar | 1 1//3 |
| Oil | .5 cup |

Sue needs 3 batches. How much does she need of each? | **4. Solve. Show 2 ways.**Josh wrote a total of  pages of an essay. He stopped every  of a page for a break. how many times did he stop? | 4. A recipe calls for these ingredients:

|  |  |
| --- | --- |
| Flour | 1/2 cup |
| Sugar | 1 1//3 |
| Oil | .5 cup |

Sue needs 5 batches. How much does she need of each? |
| 5. Write the decimal equivalent. | **5. Divide. Is the fraction terminating, non-terminating, or repeating?** | 5. Write the decimal equivalent. | **5. Divide. Is the fraction terminating, non-terminating, or repeating?**  |
| 6.Write the letter that corresponds to each value on the chart.A. 12 quarters and 32 penniesB. 17 dimes and 10 quartersC. 22 nickels and 8 quarters

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| Less than$3.75 | Greater than$3.75 |
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 | 6.Which number makes this true? -3.4 + \_\_\_\_\_ = a positive number. Solve each.A. -2.6B. 5.3 | 6.Write the letter that corresponds to each value on the chart.A. 12 quarters and 13 dimesB. 38 nickels and 25 dimesC. 13 quarters and 72 pennies

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| Less than$4.25 | Greater than$4.25 |
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 | 6.Which number makes this true? 3.8 + \_\_\_\_\_ = a negative number. Solve each.A. -5.2B. -2.2 |
| **7. Write the result of each situation.** A. I grilled 1 1/2 lb. steak after I bought 3 1/4 lb.B. I ran 2 3/4 miles, then ran another 1 1/4 miles.  | **7. Write the result of each situation.** A. I drank 2 1/3 lb. bottles of juice, then I bought 4 bottlesB. I trimmed 4 1/2 inches off of my tree, then it grew 3 1/4 inches.  | **7. Write the result of each situation.** A. I gained 3 1/4 pounds, then lost 5 1/2 pounds. B. I bought 3 2/3 pounds of oranges, then ate 1 1/3 pounds.  | **7. Write the result of each situation.** A. I drove 4 1/4 miles, then another 2 3/4.B. I bought 3 1/4 pounds of chicken, and ate 2 1/2 pounds.  |
| **8. Solve:**A. -32 - (-47) C. B. 16 + (-35) D. 7 (-4) | **8. Solve:**A.  C. -6(-4)B. 26-54 D. -38 +(-20) | **8. Solve:**A. 45 - (-12) C. 8 (-9)B.  D. 34 +(-72) | **8. Solve:**A. -2(-8) C. B. -58 + 18 D. -45 - (-30)  |