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) = 0  B. -4 + \_\_\_\_\_ = -3  C. \_\_\_\_\_ + (-4) = -7  D. -6 + 6 = \_\_\_\_\_\_ | 1. Fill in the value that makes each number sentence true. Which of these are **additive** **inverses**?  A. 4 + (-4) = \_\_\_\_\_\_  B. -5 + \_\_\_\_\_ = -7  C. 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 feet  B. 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.   |  |  | | --- | --- | | **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.   |  |  | | --- | --- | | **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.   |  |  | | --- | --- | | **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.   |  |  | | --- | --- | | **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:   |  |  | | --- | --- | | 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 pennies  B. 17 dimes and 10 quarters  C. 22 nickels and 8 quarters   |  |  | | --- | --- | | Less than  $3.75 | Greater than  $3.75 | |  |  | | 6.Which number makes this true? -3.4 + \_\_\_\_\_ = a positive number. Solve each.  A. -2.6  B. 5.3 | 6.Write the letter that corresponds to each value on the chart.  A. 12 quarters and 13 dimes  B. 38 nickels and 25 dimes  C. 13 quarters and 72 pennies   |  |  | | --- | --- | | Less than  $4.25 | Greater than  $4.25 | |  |  | | 6.Which number makes this true? 3.8 + \_\_\_\_\_ = a negative number. Solve each.  A. -5.2  B. -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 bottles  B. 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) |