Name: Weekly Math Homework - 12 Teacher:

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| **Monday (wk 12)** | **Tuesday (wk 12)** | **Wednesday (wk 12)** | **Thursday (wk 12)** |
| Below is the data comparing the winter low temperatures in 2 different cities over a week.   |  |  | | --- | --- | | **Chicago** | **New York City** | | -6 | 4 | | -10 | -10 | | 5 | 3 | | 7 | -9 | | -5 | -10 | | 3 | 2 | | -1 | -6 |   Find the average temperature for each city. What is the difference in the mean? | Below is the data comparing the winter low temperatures in 2 different cities over a week.   |  |  | | --- | --- | | **Chicago** | **New York City** | | -6 | 4 | | -10 | -10 | | 5 | 3 | | 7 | -9 | | -5 | -10 | | 3 | 2 | | -1 | -6 |   Find the median temperature for each city. What is the difference in the median? | Below is the data comparing the winter low temperatures in 2 different cities over a week.   |  |  | | --- | --- | | **Chicago** | **New York City** | | -6 | 4 | | -10 | -10 | | 5 | 3 | | 7 | -9 | | -5 | -10 | | 3 | 2 | | -1 | -6 |   Find the range for each city. What is the difference in the range? | Below is the data comparing the winter low temperatures in 2 different cities over a week.   |  |  | | --- | --- | | **Chicago** | **New York City** | | -6 | 4 | | -10 | -10 | | 5 | 3 | | 7 | -9 | | -5 | -10 | | 3 | 2 | | -1 | -6 |   What conclusion can you draw about the temperatures of these 2 cities based on this data? |
| **Draw a model to solve.**  How many one-fourth cup servings are in 3 cups of pecans? | **Draw a model to solve.**  Tommy ran  miles. He stopped every  miles to drink water. How many times did Tommy stop to drink water? | **Draw a model to solve.**  A cookie recipe calls for  cups of sugar. How much sugar would you need to double the recipe? | **Draw a model to solve.**  A pizzeria had 4 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took one-fourth of  a can? |
| **Write the decimal equivalent.** | **Write the decimal equivalent.** | **Write the decimal equivalent.** | **Write the decimal equivalent.** |
| **Write the fraction equivalent.**  **Simplify if possible.**  **.06** | **Write the fraction equivalent. Simplify if possible.**  .35 | **Write the fraction equivalent.**  **Simplify if possible.**  .008 | **Write the fraction equivalent.**  **Simplify if possible.**  .15 |
| Write the letter that corresponds to each value on the chart.  A. 10 quarters and 14 dimes  B. 18 dimes and 66 pennies  C. 7 quarters and 33 nickels   |  |  | | --- | --- | | Less than  $2.75 | Greater than  $2.75 | |  |  | | Write the letter that corresponds to each value on the chart.  A. 44 nickels and 12 dimes  B. 13 quarters and 45 pennies  C. 22 dimes and 9 quarters   |  |  | | --- | --- | | Less than  $4.00 | Greater than  $4.00 | |  |  | | Write the letter that corresponds to each value on the chart.  A. 13 quarters and 23 dimes  B. 11 quarters and 44 nickels  C. 34 dimes and 62 pennies   |  |  | | --- | --- | | Less than  $4.75 | Greater than  $4.75 | |  |  | | Write the letter that corresponds to each value on the chart.  A. 8 quarters and 62 pennies  B. 27 dimes and 32 nickels  C. 5 quarters and 26 dimes   |  |  | | --- | --- | | Less than  $3.50 | Greater than  $3.50 | |  |  | |
| Tell which type of integer problem: same signs, different signs positive answer, different signs negative answer, or opposite of a negative. Then solve.  A. 25 - 64 C. -35 + 43  B. -32 - 25 D. -34- (-26) | Tell which type of integer problem: same signs, different signs positive answer, different signs negative answer, or opposite of a negative. Then solve.  A. -26 + (-53) C. -52 + (-48)  B. 54 - (-24) D. -22 + 40 | Tell which type of integer problem: same signs, different signs positive answer, different signs negative answer, or opposite of a negative. Then solve.  A. -30 - 34 C. 40-55  B. -16 + (-62) D. -21 +(- 44) | Tell which type of integer problem: same signs, different signs positive answer, different signs negative answer, or opposite of a negative. Then solve.  A. -60 + (-15) C. -24 - (-20)  B. 25 - 53 D. -23 - 55 |
| **Draw a model. Write an equation and a complete sentence to answer the question.**  A football team lost 6 yards on each of 4 consecutive plays. What is the total change in position for the 4 plays? | **Draw a model. Write an equation and a complete sentence to answer the question.**  A group of hikers descended a total of 480 feet down a mountain in 6 hours. If they traveled a constant rate, how many feet did they descend per hour? | **Draw a model. Write an equation and a complete sentence to answer the question.**  Katie needs to withdraw money from her account each week to pay for groceries. If she withdraws $50 each week, how much money will she have withdrawn after 6 weeks? | **Draw a model. Write an equation and a complete sentence to answer the question.**  The temperature fell a total of 36 degrees at a constant rate of 3 degrees per hour. How long did it take to drop 36 degrees? |
| Solve:  A. -6(5) C.  B. -4(-6) D. -48-6 | Solve:  A.  C. -3(-5)  B. 5(-7) D. -648 | Solve:  A. -72-8 C. -6(6)  B.  D. -4(-4) | Solve:  A. -6(7) C.  B. -3(-3) D. -497 |