Name: Weekly Math Homework - 20 Teacher:

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| **Monday (wk 20)** | **Tuesday (wk 20)** | **Wednesday (wk 20)** | **Thursday (wk 20)** |
| 1. Simplify:  (2mn - n + 4m) + (-6m - 2mn -3n) | 1. Simplify:  (4xy + 2x - y) + (-y - 3x -6xy) | 1. Simplify:  (-8r + 2rs - 7s) - (-3s + 6rs -4r) | 1. Simplify:  -(pq + 5q - 3p) - (8pq + 9p -3q) |
| 2. Draw and label the length and width of a rectangle that has an area of 4x + 20. | 2. Draw and label the length and width of a rectangle that has an area of 10x + 35. | 2. Draw and label the length and width of a rectangle that has an area of 12x + 18. | 2. Draw and label the length and width of a rectangle that has an area of 20x + 45. |
| 3. Which of the expressions is equivalent to 12x + 16 - 6? Write true or false for each.  A. 22x  B. 2(6x + 5)  C. 12x + 10  D. 2(6x + 8) -6 | 3. Which of the expressions is equivalent to 24x - 12 - 4? Write true or false for each.  A. 8(3x - 2)  B. 8x  C. 12(2x -1) -4  D. 24x - 16 | 3. Which of the expressions is equivalent to 8x + 20 - 4? Write true or false for each.  A. 4(2x + 6)  B. 8x + 16  C. 24x  D. 8(x + 2) | 3. Which of the expressions is equivalent to 16x - 12 - 8? Write true or false for each.  A. 16x - 20  B. 4(4x - 5)  C. 16x + 20  D. 4(4x - 3) -8 |
| 4. Which of the expressions is equivalent to 3(2x -6)? Write true or false for each.  A. 6x - 10 - 8  B. 6x + 18  C. 6x -18  D. 2x - 6 + 2x - 6 + 2x - 6 | 4. Which of the expressions is equivalent to 5(-4x -2)? Write true or false for each.  A. -20x -10  B. -20x -5 -5  C. 20x +10  D. -10x + 10x - 10 | 4. Which of the expressions is equivalent to -3(6x + 2)? Write true or false for each.  A. -18x -6  B. -10x -8x -6  C. -24x  D. 18x + 6 | 4. Which of the expressions is equivalent to 2(-5x -3)? Write true or false for each.  A. -5x -3 -5x -3  B. -10x -6  C. -16x  D. 10x -6 |
| Kelly, Sarah, Alexis, and Tina are all sharing the cost of an apartment.  The cost per month is $1800.   * Kelly will pay 25% of the cost * Sarah will pay .30 of the cost * Alexis will pay 20% of the cost * Tina will pay the remainder   Tell how much money each will pay. | Kelly, Sarah, Alexis, and Tina are all sharing the cost of an apartment.  The cost per month is $1650.   * Kelly will pay 20% of the cost * Sarah will pay .25 of the cost * Alexis will pay 30% of the cost * Tina will pay the remainder   Tell how much money each will pay. | Kelly, Sarah, Alexis, and Tina are all sharing the cost of an apartment. The cost per month is $1900.   * Kelly will pay 25% of the cost * Sarah will pay .20 of the cost * Alexis will pay 30% of the cost * Tina will pay the remainder   Tell how much money each will pay. | Kelly, Sarah, Alexis, and Tina are all sharing the cost of an apartment. The cost per month is $1550.   * Kelly will pay 30% of the cost * Sarah will pay .25 of the cost * Alexis will pay 20% of the cost * Tina will pay the remainder   Tell how much money each will pay. |
| 6. Write the decimal equivalent. | 6. Write the decimal equivalent. | 6. Write the decimal equivalent. | 6. Write the decimal equivalent. |
| **7. Divide. Is the fraction terminating, non-terminating, or repeating?** | **7. Divide. Is the fraction terminating, non-terminating, or repeating?** | **7. Divide. Is the fraction terminating, non-terminating, or repeating?** | **7. Divide. Is the fraction terminating, non-terminating, or repeating?** |
| **8. Solve**  A.  B. | **8. Solve**  A.  B. | **8. Solve**  A.  B. | **8. Solve**  A.  B. |
| **9. Solve**  A.  B. | **9. Solve**  A.  B. | **9. Solve**  A.  B. | **9. Solve**  A.  B. |
| **10. Solve:**  A. 34 + (-52) C.  B. 26 - 55 D. -9 (5) | **10. Solve:**  A.  C. -6(-3)  B. -36+(-24) D. 25 - (-36) | **10. Solve:**  A. -24 -16 C. 5 (-7)  B.  D. -26 - (-25) | **10. Solve:**  A. -4(-8) C.  B. -51 + 84 D. -71 - (-29) |