Week 1 Warm Up

Student Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Objective** | **Score** |
| 1 | A B NY |
| 2 |  A B NY |
| 3 | A B NY |
| 4 | A B NY |
| 5 | A B NY |

ANSWERS:

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| **1.**  |
| **2.** |
| **3.** |
| **4.** |
| **4/4 = 100** | **3/4 = 80** | **0-2 = NY** |
| **5.** |
| **6.** |
| **7.** |
| **8.** |
| **4/4 = 100** | **3/4 = 80** | **0-2 = NY** |
| **9.** |
| **10.** |
| **11.** |
| **12.** |
| **4/4 = 100** | **3/4 = 80** | **0-2 = NY** |
| **13.****m=****b=** |
| **14.** |
| **15.** |
| **16.** |
| **4/4 = 100** | **3/4 = 80** | **0-2 = NY** |
| **17.** |
| **18.** |
| **19.** |
| **20.** |
| **4/4 = 100** | **3/4 = 80** | **0-2 = NY** |

**Monday:**

For 1-3 Simplify each expression:

1. $5\left(x+2\right)+3x$

2. $3x-\left(x-4\right)$

3. $4\left(3x+1\right)-2(x-1)$

4. Solve for x: $4x-3=11$

**Tuesday:**

5. Translate into a math expression: 8 less than twice a number is 10.

6. You have a part-time job. You work for 3 hours on Friday and 6 hours on Saturday. You also receive an allowance of $20 per week. You earn $92 per week. How much do you earn per hour at your part-time job?

7. Solve for x: $.5(4x-4)=8$

8. The perimeter of a rectangle is 70 inches. Each width is 15 inches. Find each length.

**Wednesday:**

For 9 & 10, solve each equation for the unknown variable.

9. $x+5=-5x+5$

10. $-5\left(1-5x\right)+5\left(-8x-2\right)=-4x-8x$

11. Simplify (x2)(x3)(x)

12. Simplify: (3x4)(5x8)

**Thursday:**

Slope-intercept Form:

**13.** Given y $=3x+7$ , identify the slope and y-intercept



Given the graph on the right:

14. Find the slope.

15. Write the equation of the line.

16. The perimeter of a rectangle is 70 inches. Each width is 15 inches. Find each length.

**Friday:**

17. Online concert tickets cost $37 each, plus a service charge of $8.50 per ticket. The website also charges a transaction fee of $14.99 for the purchase. You paid $242.49. How many tickets did you buy?

18. The perimeter of a rectangular garden is 44. The length is 2 more than 3 times the width. What is the area of the garden?

19. Rod’s mother is 3 years more than 4 times as old as Rod. Their combined age is 33. How old is Rod?

20. Find the slope of the line that goes through points A and B.

Point A (0, -2) and Point B (4, -6)