Week 2 Warm Up Student Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

ANSWERS:

|  |
| --- |
| **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.** |
| **14.** |
| **15.** |
| **16.** |
| **4/4 = 100** | **3/4 = 80** | **0-2 = NY** |

**Keep and turn in at the end of the week!**

**Tuesday:**

1. $\frac{1}{2}\left(24x-6\right)+2x=8$

2. Lauren is ¾ of Alaine’s age. Richard is 14 years less than twice as old as Alaine. Their combined age is 136 years. How old is Alaine?

3. Solve for x: 5$\left(x+3\right)-4x=8+x-11$

4. An isosceles triangle has a perimeter of 63 inches. The legs are 3 times the length of the base. What is the length of the base?

**Wednesday:**

Given the table at the below:

5. Find the slope.

6. Write the equation of the line.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| x | -6 | -2 | 0 | 4 | 6 |
| y | 4 | 0 | -2 | -6 | -8 |

7. Solve for x: 6$\left(x+2\right)-4=11+3(2x-1)$

8. The perimeter of a rectangle is 74 inches. Find the value of x.

 3x

7

**Thursday:**

9. Solve for x: $y=mx+b$



Given the graph on the right:

10. Find the slope.

11. Write the equation of the line.

12. Find 3 consecutive integers, such that 3 times the smallest integer is 14 more than the largest.

**Friday:**

13. Solve for x: $\frac{1}{2}\left(8-4x\right)+x\leq 10$

14. The perimeter of a triangle is 51 centimeters. The lengths of its sides are consecutive odd integers. Find the lengths of all three sides.

15. Solve for x: $8(x+1)\geq 4x-12$

16. 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?