Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_

**Spiral Review Quarter 2 Week 3**   **Calculator Inactive**  Period: \_\_\_\_\_\_\_\_\_

**Answers**

1) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| 1. Nicole has at most $45 to spend on clothes. She wants to buy a pair of jeans for $18 dollars and spend the rest on t-shirts. Each t-shirt costs $9. Write and solve an inequality for the number of t-shirts she can purchase. | 2. Solve4 – *x* > 8.6 |
| 3. Simplify$$(\left(3×2^{3}\right)+6)÷5-14$$ | 4. A woman is ordering pizza for a party. She can get 4 large pizzas for $30. At this rate, what will 11 large pizzas cost? |
| 5. Find the solution  + 4 ≥ 9 | 6. Find the solution -4 ≥ 4(-x + 2) |
| 7. Which set of numbers is included in the solution set of 4 – 3x < -2 A {2.5, 8, 15} B {- 8, 0, 1.5}  C {- 15, -8, 0}  D {0, 2.5, 8} | 8. Graph the solution -1 + 4x $\leq $ 23 |
| 9. 3 times the difference of a number and 8 is no more than -93. What is the solution set for the number? | 10. Working at Burger in a Box, you are paid $25 each week plus $6 per hour. This week, you want your pay to be at least $133. What solution set represents the amount of hours that you must work to earn enough?  |

**Weekly Warm-Up’s**

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| Monday | Tuesday |
| Wednesday | Thursday |
| Friday | Important Information |