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

**Spiral Review Quarter 2 Week 4**   **Calculator Inactive**  Period: \_\_\_\_\_\_\_\_\_

**Answers**

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

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

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

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

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

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

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

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

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

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

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| 1. What is one difference between equations and inequalities? | 2.  (4)(-5)(2)(-3) |
| 3. What is the solution to the  inequality −3*x* − 42 > 3? | 4.  -7 – (-9) – 5 - 2 |
| 5. Simplify:  -4(x - 2) – ½(-4x – 6) | 6. Johnson bought 3 magazines for $9.95 each and 2 books for $14.95 each. If the sales tax is 6%, what is the total cost of Johnson’s purchases? |
| 7. Which expression is NOT equivalent to ½(8p – 14) – 10p?   1. 4p – 7 – 10p 2. -7 + (-6p) 3. 4p – 7 – 5p 4. -6p – 7 | 8. Evaluate the expression if  a = -2, b = 6, and c = -5  ac + b |
| 9. Which choice is a graph of the solution set for 12 – x < 8? | 10. Suppose that a dog can run 75 feet in 5 seconds. A cat can run 66 feet in 4 seconds. Which can run faster and by how much? |

**Weekly Warm-Up’s**

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