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

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

**Answers**

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

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

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

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

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

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

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

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

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

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

|  |  |
| --- | --- |
| 1. Jeremiah can run 7 miles in 59.5 minutes. At this rate, how fast can he run one mile? Write your answer in minutes and seconds, not as a decimal. | 2. Find y  |
| 3. What is the solution to the inequality −3*x* − 42 > 3? | 4. On Monday, Angie made 9 out of the 15 basketball shots she attempted. At this rate, how many shots will Angie make on Tuesday, if she attempts 25 basketball shots? |
| 5. Simplify:-4(x - 2) – ½(-4x – 6) | 6. Amanda’s school has a total of 462 seventh grade students. There are 3 technology classes, each with 22 seventh grade students. What is the ratio of seventh grade students taking a technology class to all seventh grade students? |
| 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 = -5ac + 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**

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