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

**Weekly Spiral Questions - Quarter 3 Week 6**

Show all work on a separate paper and attach it to the back. Be sure to label your answers appropriately! **(Calculator Inactive)**

|  |  |
| --- | --- |
| 1. What is the distance between the points$ (5, 4\frac{1}{2}) and (5, -1\frac{1}{6})$
 | **Answer:** |
| 1. A rectangular room has an area of 140.5 square feet. If the length of the room is 10 ft long. What is the width? (hint: use ***A=lw***)
 | **Answer:** |

|  |  |
| --- | --- |
| 3. Find the GCF of 84 and 96.  | **Answer:** |
| 4. Simplify$$\frac{32}{8}m+4+6\left(2m+3\right)$$ | **Answer:** |

|  |  |
| --- | --- |
| 5. If $ y – 18 = 14 $, what is the value of $3(y + 5)$? | **Answer:**  |
| 6. If Point (-8, 3) is reflected over the x-axis, which quadrant will the point be in (after reflection)? | **Answer:** |

|  |  |
| --- | --- |
| 7. Jordan’s car needs to be repaired. The cost of the repair is going to be $65.25 per hour for labor and an additional $220 for parts. Write an expression that would represent the cost of getting the car repaired if a mechanic works on it for *h* hours.Next, use your expression to find the total cost for Jordan’s car repair if the mechanic works on the car for 6 hours. | **Answer:****Expression:\_\_\_\_\_\_\_\_\_\_\_****Total Cost: \_\_\_\_\_\_\_** |
| 8. Rick wants to put a wire fence around each of his tomato plants. He has a partial roll of fencing which is $16\frac{1}{2}$ ft long. Approximately, how many tomato plants will Rick be able to put a fence around using this roll if each plant requires exactly $2\frac{2}{3}$ ft of fencing? | **Answer:** |