

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:
2. A rectangular room has an area of 180.5 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 $\frac{32}{8}m + 4 + 6(2m + 3)$	Answer:
5. If $y - 10 = 14$, what is the value of $2(y + 5)$?	Answer:
6. A company that makes boxes finds out that 3 out of 20 boxes are damaged. What percent of the boxes are not damaged?	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. Mary has 7 cups of flour. It takes $\frac{5}{6}$ cup of flour to make one cake. How many cakes can Mary make?

Answer: