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

**Weekly Spiral Questions - Quarter 1 Week 3**

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

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| --- | --- |
| 1. NC State University awards $5831 in grants to 7 faculty members. How much does each faculty member receive if each receives the same amount?  | **Answer:** |
| 2. Willie works at the grocery store. He carried 17 boxes of canned tuna into the warehouse. Each box contains 48 cans of tuna. How many cans did he carry? | **Answer:** |

|  |  |
| --- | --- |
| 3. Mark had 139 cookies to distribute equally among 9 boys. How many cookies did each boy receive? How many cookies were left over for Mark?  | **Answer:** |
| 4. Simplify$$\frac{80w^{10}z^{5}}{8w^{3}z^{2}}$$ | **Answer:** |

|  |  |
| --- | --- |
| 5. Use exponents to write the number 81 three different ways. | **Answer:** |
| 6. Carol made 24 chocolate chip cookies and 36 sugar cookies. Then she divided *all* the cookies into 10 bags to sell at the bake sale. How many cookies did she put into each bag? | **Answer:** |

|  |  |
| --- | --- |
| 7. Evaluate: $\left(21+3\right)÷8+125÷(17-12)^{2}$ | **Answer:** |
| 8. Solve. $8+2∙10^{2}+9+(7+4)^{2}$ | **Answer:** |