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

**Weekly Spiral Questions - Quarter 4 Week 2**

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. To clean a fish tank, $\frac{2}{3}$ cup of disinfectant is needed for every 3 gallons of water. How many cups of disinfectant is needed for 36 gallons of water? (hint: set up a proportion!) | **Answer:** |
| 2. Find the surface area | **Answer:** |

|  |  |
| --- | --- |
| 3. Bethany bought her nephew a gift. She places the gif in the box below. What is the minimum amount of wrapping paper (in square cm) she will need to wrap the gift?Image result for gift wrap surface area | **Answer:** |
| 4. The formula that is used to convert Fahrenheit (F) to Celsius (C) is $5∙(F-32)÷9$. Convert 77°F to degrees in Celsius. | **Answer:** |

|  |  |
| --- | --- |
| 5. The perimeter of a rectangle is 108 in. The length is 30 in. What is the width of the rectangle?  | **Answer:**  |
| 6. Mary Ellen saves 15% of each of her paychecks for her college fund. If Mary Ellen saved $60 from her last paycheck, how much was she paid? | **Answer:** |

|  |  |
| --- | --- |
| 7. A store is having a 25% off sale on all items. Daniel wants to buy a book that has a retail price of $30. There is a 6% sales tax. What is the total price of the book, including sales tax? | **Answer:** |
| 8. Write $3\frac{4}{5}$ as a decimal and a percent | **Answer****Decimal:\_\_\_\_\_\_\_\_****Percent: \_\_\_\_\_\_\_\_** |