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

**Weekly Spiral Questions – Quarter 4 Week 6**

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. What is the **best measure** of central tendency for data collected on students favorite candy bar? | **Answer:** |
| 2. Use the expression below to answer the following questions:**3x + 4y + 2(x - 5)**1. What is an example of a coefficient in the expression above?
2. What is an example of a term in the expression above?
3. What is an example of a variable in the expression above?
4. What is an example of a quantity in the expression above?
 | **Answer**1. **\_\_\_\_\_\_\_\_\_\_\_\_**
2. **\_\_\_\_\_\_\_\_\_\_\_\_**
3. **\_\_\_\_\_\_\_\_\_\_\_\_**
4. **\_\_\_\_\_\_\_\_\_\_\_\_**
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| --- | --- |
| 3. Determine which value(s) from the set **{1, 3, 4, 5}** provide solution(s) to the inequality. $$8w>5w+9$$ | **Answer:** |
| 4. The formula for the area of a rectangle is A=lw. If the Area (A) of a rectangle is 198 $cm^{2}$ and the length (l) is 22 cm, what is the measurement of the width? | **Answer:** |

|  |  |
| --- | --- |
| 5. The ratio of boys to girls in a class is 4:7. If there are a total of 66 kids in the class, how many are girls?  | **Answer:** |
| 6. Solve for x. $$5∙2x+4+3\left(2x+8\right)-7\left(4\right)=2^{3}(10)$$ | **Answer:** |

|  |  |
| --- | --- |
| 7. Solve for r. $$r+11\frac{3}{5}=20\frac{1}{5}-3\frac{1}{2}$$ | **Answer:** |
| 8. There are 426 calories in 6 brownies. What is the unit rate?  | **Answer:** |