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

**Weekly Spiral Questions - Quarter 2 Week 1**

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

|  |  |
| --- | --- |
| 1. In Canada September, the average low is about 50, but the average low decreases by 20 degrees per month for the next couple of months. What is the average low in December? | **Answer:** |
| 2. What does x equal when? | **Answer:** |

|  |  |
| --- | --- |
| 3. Evaluate. | **Answer:**  **\_\_\_\_\_\_\_\_\_\_\_** |

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|  |
| 4. What is divided by ? | **Answer:** |

|  |  |
| --- | --- |
| 5. The Volume of a cube can be calculated using the formula  , where s represents the length of a side. What is the volume of a cube in cubic inches if the length of a side is in? | **Answer:** |
| 6. What is the value of the expression when **x=10** and **y=3**? | **Answer:** |

|  |  |
| --- | --- |
| 7. Erin is a homebuilder and owns land that is miles along a shoreline. The town building codes require that each house has a lot of at least of a mile. What is the greatest number of houses Erin can build along the shoreline? | **Answer:** |
| 8. A coin maker has 483.69 pounds of nickel to create coins. Each nickel coin weighs 0.23 pounds. How many nickel coins can be made? | **Answer:** |