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

**Weekly Spiral Questions - Quarter 3 Week 5**

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

|  |  |
| --- | --- |
| 1. George is going to buy a used car that is $4,500. He is going to pay 65% of the car and his parents are going to pay the rest. How much will his parents pay?  | **Answer:** |
| 2. Write a **simplified** expression to represent the perimeter of the triangle. **4a + 15** **7a + 2** **6 + 3a** | **Answer:** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3. Dish soap is sold at 4 different grocery stores.Which store has the lowest price per ounce (unit price)?

|  |  |  |
| --- | --- | --- |
| **Store** | **Size (ounces)** | **Price** |
| Chelsea’s Market | 32 | $2.88 |
| Eric’s Store | 48 | $3.84 |
| Kim’s Grocery | 64 | $5.12 |
| Sara’s Store | 128 | $8.96 |

 | **Answer:** |
| 4. Kevin has 42 oranges and 18 bananas to put into fruit baskets. Each fruit will be divided equally so each basket will have the same number of oranges and the same number of bananas. What is the greatest number of fruit baskets Kevin can make?  | **Answer:** |

|  |  |
| --- | --- |
| 5. Determine which value(s) from the set **{0, 1, 2, 3}** provide solution(s) to the inequality. $$6x+7>7x+6$$ | **Answer:**  |
| 6. Simplify.$$5\left(4x+4\right)+10-2x∙4+3(2x+9)$$ | **Answer:** |

|  |  |
| --- | --- |
| 7. Sam is ordering uniforms for his lacrosse team. Each uniform costs $15 (tax included). All orders over $160 receive a 15% discount. If Sam buys 11 uniforms, what will be the cost? | **Answer:** |
| 8. Valerie is 62 inches tall. ***About*** how many centimeters tall is Valerie?(1 inch ≈ 2.5 centimeters).  | **Answer:** |