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

**Weekly Spiral Questions - Quarter 2 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. The Surface Area (A) of a cube can be calculated using the formula  , where s represents the length of a side. What is the surface area of a cube if the length of a side is ? | **Answer:** |
| 2. What is the least common multiple and the greatest common factor of the numbers 16 and 18? | **Answer:**  **LCM:\_\_\_\_\_**  **GCF:\_\_\_\_\_** |

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| 3. The class found a treasure chest full of candy. It contains 1000 pieces of candy which each weigh .121 pounds. The chest itself weights 92 lbs. If each student can lift 71 pounds, how many students are needed to lift the treasure chest filled with candy? | **Answer:**  **\_\_\_\_\_\_\_\_\_\_\_** |

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| 4. Jason has a bag of trail mix containing 56 almonds and 21 raisins. He wants to pack identical snake bags of the trail mix and use all of the almonds and raisins. What is the greatest number of snack bags that Jason can create? | **Answer:** |

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| 5. Mr. Hartwell ordered 27 kites for his scout troop. The regular price was $18 per kite, but he received a $2 discount per kite. How much did Mr. Hartwell spend on kites? | **Answer:** |
| 6. How many -inch pieces of wood can be cut from a strip 15 inches long? | **Answer:** |

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| 7. A flowerbed with a width of 1.2 meters has an area of 4.08 square meters What is the length of the flowerbed? | **Answer:** |
| 8. A valley is 75.5 feet below sea level. A nearby plateau is 125.75 feet above sea level. What is the difference in elevation between the two locations? | **Answer:** |