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**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. Rick wants to put a wire fence around each of his tomato plants. He has a partial roll of fencing which is $16\frac{1}{2}$ ft long. *Approximately*, how many tomato plants will Rick be able to put a fence around using this roll if each plant requires exactly $2\frac{2}{3}$ ft of fencing? | **Answer:** |
| 2. Emily has 435.2 acres of land. She wants to divide the land up into 17 equal parts. How many acres of land will each part be? | **Answer:** |

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| 3. April is on top of a mountain 2,056feet above sea level. May is exploring a cave 384 feet below sea level. What is the difference in their elevations?  | **Answer:** |
| 4. Rocky earns $1 for every $2\frac{5}{8}$ pounds of trash he collects. So far, he has collected $68\frac{1}{4}$ pounds of trash. How much money has Rocky earned?  | **Answer:** |

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| 5. June has 30 days. A family of 3 used 3,960 gallons of water during the month of June. How many gallons did each person use each day? | **Answer:** |
| 6. Aaron made a 7 by 9 (7x9) rectangle using 63 square tiles. Including the 7 by 9 rectangle, how many different rectangles can be made using the 63 tiles? | **Answer:** |

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| 7. What is the difference between -120F and its opposite on the number line? | **Answer:** |
| 8. Evaluate if $x= \frac{3}{4}$ and $y= \frac{1}{3}$$$x^{2}∙y$$ | **Answer:** |