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**Weekly Spiral Questions – Quarter 4 Week 7**

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. Andy has a rope 0.9 m long. Sherry has a rope one and a half times as long as Andy’s. How long is both of their ropes together? | **Answer:** |
| 2. Timothy has a fish tank. He wants to know how much water it will take to fill it to $\frac{5}{6}$ of its capacity. Timothy pours 20 quarts of water into the tank and realizes that it is $\frac{1}{6}$ full. How many gallons does he still need? | **Answer** |

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| 3. Marcy walked a total distance of 25 kilometers in 4 days. She walked $4\frac{2}{5}$ km the first day, 5.3 kilometers the second day, 7$\frac{3}{10}$ kilometers the third day. How far did Marcy walk the last day? | **Answer:** |
| 4. Angie works in a pet store. She needs to divide 36 angelfish, 42 rainbow fish, and 126 goldfish into aquariums so that each aquarium has the same number of each type of fish, and there are no fish left over. What is the greatest number of aquariums Angie can fill under these conditions? | **Answer:** |

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| 5. Simplify. | **Answer:** |
| 6. Leaving her office, Allison took the elevator up 5 floors to a meeting. She then went down 12 floors to the cafeteria. The cafeteria is located on the fourth floor. What floor is Alison’s office? | **Answer:** |

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| 7. The Thomas family went for a drive. Before they left, Mr. Thomas noticed the gas tank was $\frac{3}{4}$ full. When they returned home the gas tank was $\frac{1}{3}$ full. The gas tank holds 18 gallons. How many gallons of gas did the car use on the drive? | **Answer:** |
| 8. A middle school softball team won $\frac{4}{5}$ of its games this season. The team lost 4 games. There were no ties. How many games did the team play? | **Answer:** |