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

**Spiral Review Quarter 1 Week 9**   **Calculator Inactive**  Period: \_\_\_\_\_\_\_\_\_

**Answers**

1) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| 1. Write an **expression** from the following situation:  Brooke has 7 dollars, 3 quarters, 2 nickels  Alexa has 10 dollars, 5 quarters, 6 nickels  If dollars = x, quarters = y, and nickels = z, write a simplified expression to represent the combined amount of money Brooke and Alexa have. | 2. Write an **expression** for:    12 less than the product of 12 and a number. |
| 3. Evaluate the following expression:  a(2b – 2c) if a = -3, b = -4, c = -5 | 4. Evaluate the following expression:  x ● x ● x ● x if x = -1 |
| 5. If you saved $23.25 from each of your paychecks, how much would you have saved after 5 paychecks? | 6. Keeshant and Ethan ate  of the cake at the party. If there were 27 slices of cake, how many did Keeshant and Ethan eat? |
| 7. Simplify:  -12 ÷ (-5 +2) ÷ 2 | 8. Simplify:  15 • (10 – (-2)2) ÷ 5 - 2 |
| 9. While returning to the glider port, Cori descended for three minutes at a rate of 400 feet per minute. If her starting altitude was 2800 feet, what was her final altitude? | 10. A baker made two cakes of the same size.  \* At the end of the day, there was 2/3 of a chocolate cake left.  \* There was 5/6 of a strawberry cake left.  \* The baker divided the remaining chocolate cake into 2 equal pieces and the remaining strawberry cake into 3 equal pieces. Which cake flavor had larger pieces and by how much? |

**Weekly Warm-Up’s**

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| Monday | Tuesday |
| Wednesday | Thursday |
| Friday | Important Information |