**Math Unit 2: Arithmetic Operations (4-6 weeks)**

**EQ: HOW can mathematical ideas be represented?**

**Week 5: 12/9 – 12/13**

12/9 - Multi-digit Decimal Computation Review

YWBAT use your knowledge of multi-digit numbers to solve for quotients and products of multi-digit decimals

Success is: finding the quotient or product using the standard algorithm for dividing or multiplying multi-digit decimals

* Holiday shopping wrap up
* Decimal computation word problem practice

12/10 - Multi-digit Decimal Computation Review

YWBAT use your knowledge of multi-digit numbers to solve for quotients and products of multi-digit decimals

Success is: finding the quotient or product using the standard algorithm for dividing or multiplying multi-digit decimals

* Correct homework
* Decimal computation word problem practice

12/11 – Decimal computation assessment

12/13 - Lesson 1: Positive and Negative Numbers on the Number Line—Opposite Direction and Value

YWBAT understand that the set of integers includes the set of positive whole numbers and their opposites, as well as zero

Success is: drawing and labeling horizontal and vertical number lines

* Warm up – number line review
  + observation of thermometer as a number line in groups
* Exploratory challenge: can you draw the horizontal number line vertically
  + does anything change?
* Vocabulary: integer, opposite of a number
* Example 1: Negative numbers on a number line
* Example 2: Using positive integers to locate negative integers on a number line
* In table group: exercises 1-5
* Independent/guided practice: problem set
* Re-visit goals