**Unit Guide: The Number System – Arithmetic Operations**

Operations with Whole Numbers, Decimals, and Fractions

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**Common Core Learning Standards**:

* Fluently divide multi-digit numbers using the standard algorithm. (6.NS.2)
* Fluently add, subtract, multiply and divide multi-digit decimals using the standard algorithm for each operation. (6.NS.3)
* Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions. (6.NS.1)

**Learning Targets:**

* I can use various strategies to estimate the results of decimal computations.

**VOCABULARY**

Algorithm

Benchmark

Decimal

Difference

Dividend

Divisor

Estimation

Factor

Fraction

Mixed Number

Number Sentence

Quotient

Product

Reciprocal

Repeating Decimal

Terminating Decimal

Sum

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| **MATH ON CALL** |
| Section | Topic |
| 011 - 026028 - 045102104 - 107131132 - 141158160 - 164184187 - 191 | DecimalsFractions Adding with DecimalsAdding Fractions Subtracting with DecimalsSubtracting Fractions Multiplying with DecimalsMultiplying Fractions Dividing with DecimalsDividing Fractions |

Learning Goals:

* I can add and subtract multi-digit decimals using the standard algorithm.
* I can multiply multi-digit decimals using the standard algorithm.
* I can divide multi-digit whole numbers and decimals using the standard algorithm.
* I can interpret and compute quotients of fractions.
* I can choose the appropriate operation to solve real-world problems.