## First Nine Weeks

## Engage New York Module 2

## The Number System

6.NS.A.1 Interpret and compute quotients of fractions

- Solve word problems involving division of fractions by fractions (e.g., by using various strategies, including but not limited to, visual fraction models and equations to represent the problem)
6.NS.B. 2 Use computational fluency to divide multi-digit numbers using a standard algorithm
6.NS.B. 3 Use computational fluency to add, subtract, multiply, and divide multi-digit decimals and fractions using a standard algorithm for each operation
6.NS.B. 4 Find the greatest common factor of two whole numbers less than or equal to 100 using prime factorization as well as other methods
6.NS.C. 5 Understand that positive and negative numbers are used together to describe quantities having opposite directions or values, explaining the meaning of 0 (e.g., temperature above/below zero, elevation above/below sea level, credits/debits, positive/negative electric charge)
6.NS.C. 6 Understand a rational number as a point on the number line
6.NS.C. 7 Understand ordering and absolute value of rational numbers
6.NS.C. 8 Solve real-world and mathematical problems by graphing points in all four quadrants of the coordinate plane


## Second Nine Weeks

## Expressions \& Equations

## Review: The Number System

6.EE.A.l Write and evaluate numerical expressions involving whole-number exponents
6.EE.A. 2 Write, read, and evaluate expressions in which letters (variables) stand for numbers
6.EE.A. 3 Apply the properties of operations to generate equivalent expressions
6.EE.A. 4 Identify when two expressions are equivalent (i.e., when the
two expressions name the same number regardless of which value is substituted into them)
6.EE.B. 5 Understand solving an equation or inequality as a process of answering a question
6.EE.B. 6 Use variables to represent numbers and write expressions when solving a real-world or mathematical problem
6.EE.B. 7 Solve real-world and mathematical problems by writing and solving equations of the form $x+p=q$ and $p x=q$
for cases in which $p, q$ and $x$ are all nonnegative rational numbers
6.EE.B. 8 Write an inequality of the form $x>c, \mathrm{x} \geq \mathrm{c}, x<c$, or $x \leq c$ to represent a constraint or condition
6.EE.B. 9 Use variables to represent two quantities in a real-world problem that change in relationship to one another

