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|  | **Unit 1 Cluster****\_\_\_\_to\_\_\_\_****A:\_\_\_\_\_\_\_****R:\_\_\_\_\_\_\_** | **Unit 2 Cluster****\_\_\_\_to\_\_\_\_****A:\_\_\_\_\_\_\_****R:\_\_\_\_\_\_\_** | **Unit 3 Cluster****\_\_\_\_to\_\_\_\_****A:\_\_\_\_\_\_\_****R:\_\_\_\_\_\_\_** | **Unit 4 Cluster****\_\_\_\_to\_\_\_\_****A:\_\_\_\_\_\_\_****R:\_\_\_\_\_\_\_** | **Unit 5 Cluster****\_\_\_\_to\_\_\_\_****A:\_\_\_\_\_\_\_****R:\_\_\_\_\_\_\_** |  **REVIEW****\_\_\_\_to\_\_\_\_****A:\_\_\_\_\_\_\_****R:\_\_\_\_\_\_\_** | **Unit 6 Cluster****\_\_\_\_to\_\_\_\_****A:\_\_\_\_\_\_\_****R:\_\_\_\_\_\_\_** |
| 1 | **6 NS 2-** Fluently divide multi-digit numbers using the standard algorithm. | **6 NS 7ab-** a. Interpret statements of inequality.b. Write, interpret, & explain the order of rational numbers. | **6 RP 1-** Understand the concept of a ratio and use ratio language to describe a ratio relationship. | **6 EE 1-** Write and evaluate numerical expressions involving whole-number exponents. | **6 EE 5-** Understand solving an equation or inequality. |  | **6 SP 1-** Recognize a statistical question. |
| 2 | **6 NS 3-** Fluently add, subtract, multiply, and divide multi-digit decimals. | **6 NS 7cd-** c. Understand the absolute value of a number.d. Distinguish comparisons of absolute values. | **6 RP 2-** Understand the concept of a unit rate a/b associated with a ratio a:b with b ≠ 0, and use rate language in the context of a ratio relationship. | **6 EE 2ab-** a. Write expressions that record operations with numbers and with lettersb. Identify parts of an expression using mathematical terms | **6 EE 6-** Use variables to represent numbers and write expressions when solving a real-world or mathematical problems |  | **6 SP 2-** Understand that a set of data collected to answer a statistical question has a distribution which can be described by its center, spread, and overall shape. |
| 3 | **6 NS 5-** Understand that positive and negative numbers are used together to describe quantities having opposite directions or values. | **6 NS 8-** Solve real-world and mathematical problems by graphing points in all four quadrants of the coordinate plane. | **6 RP 3a-** Make tables of equivalent ratios relating quantities with whole number measurements, find missing values in the tables, and plot thepairs of values. | **6 EE 2c-** Evaluate expressions at specific values of their variables.Using in real-world problems. Perform arithmeticoperations in the conventional order | **6 EE 7-** Solve real-world and mathematical problems by writing and solving equations of the form x + p = q and px = q for cases in which p, q and x are all Non-negative rational numbers. |  | **6 SP 3-** Recognize that a measure of center for a numerical data set summarizes all of its values with a single number, while a measure of variationdescribes how its values vary with a single number. |
| 4 | **6 NS 6b-** Understand signs of numbers in ordered pairs as indicating locations in quadrants of the coordinate plane; recognize that when two ordered pairs differ only by signs, the locations of the points are related by reflections across one or both axes. | **6 NS 4-** Find the GCF of two whole numbers less than or equal to 100 and the LCM of two whole numbersless than or equal to 12. Use distributive property to express a sum of two whole numbers 1–100 with a common factor as a multiple | **6 RP 3b-** Solve unit rate problems including those involving unit pricing and constant speed | **6 EE 3-** Apply the properties of operations to generate equivalent expressions. | **6 EE 8-** Write an inequality to represent a constraint or condition in a real-world or mathematical problem. Recognize that inequalities ofthe form x > c or x < c have infinitely many solutions; represent solutions on number line diagrams. |  | **6 SP 4-** Display numerical data in plots on a number line, including dot plots, histograms, and box plots. |
| 5  | **6 NS 6c-** Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane. | **6 NS 1-** Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, by using visual fraction models and equations to represent the problem. | **6 RP 3cd-** c. Find a percent of a quantity as a rate per 100 ; solve problems involving finding the whole, given a part and the % .d. Use ratio reasoning to convert measurement units. | **6 EE 4-** Identify when two expressions are equivalent | **6 EE 9-** Use variables to represent two quantities (real-world); write an equation to express one quantity, Analyze the relationship between the dept. and ind. variables using graphs and tables, and relate these to the equation. |  | **6 SP 5-** Summarize numerical data sets in relation to their context |