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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 letters  b. 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 the  pairs of values. | **6 EE 2c-** Evaluate expressions at specific values of their variables.  Using in real-world problems. Perform arithmetic  operations 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 variation  describes 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 numbers  less 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 of  the 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 |