

**Key Standard Learning Targets: General Math CST ROHMS-2010**

**Number Sense Standard Set 1**

1. Students will add, subtract, multiply, and divide Rational numbers.
2. Students will change fractions, decimals, and percents from one form to another.
3. Students will use them (F, D, %) in problems involving discounts, markup, commission, profit, and simple interest.
4. Students will memorize the difference between a terminating and a repeating decimal.

**Number Sense Standard Set 2**

1. Students will add and subtract fractions with unlike denominators.
2. Students will memorize the exponent rules for multiplying and dividing powers.
3. Students will know all the factors of whole numbers from 1-50.
4. Students will order and compare absolute value expressions.

**Algebra and Functions Standard Set 3**

1. Students will recognize the Distributive, Associative, and Commutative Properties in an expression or equation.
2. 2. Students will identify equivalent expressions.

**Algebra and Functions Standard Set 4**

1. Students will interpret a graph that shows the relationship between two quantities.
2. Students will identify the slope and y-intercept on graphs of linear equations.
3. Students will solve simple linear equations and inequalities using rational numbers.

**Measurement and Geometry Standard Set 1**

1. Students will solve problems using proportions.

**Measurement and Geometry Standard Set 3**

1. Students will memorize common Pythagorean triples.
2. Students will memorize the Pythagorean Theorem.
3. Students will manipulate the Pythagorean Theorem to find a missing side of a right triangle situation.

**Statistics, Data Analysis, and Probability Standard Set 2**

1. Students will read and comprehend a data table.

**Statistics, Data Analysis, and Probability Standard Set 3**

1. Students will analyze information and determine probabilities in multiple ways.
2. Students will analyze data and describe it using statistical terms (e.g. mean, median, mode, and five number summary of data sets).