

## 5th Grade Math RTI Goals and Measures Fall 2015

Area of Concern	Goal	GoalText	Progress Monitoring
Algebraic Thinking (RT7)	Write and Interpret Numerical Expressions (5th Grade)	Name  will read, write and interpret simple expressions using parentheses, brackets or braces in numerical expressions and evaluate expressions with these symbols with  %  percent accuracy.	Expressions (5th)
Data and Statistics (RT9)	Represent and Interpret Data (5th Grade)	Name  will make a line plot to display a data set of measurements in fractions of a unit ( $1/2$ , $1/4$ , $1/8$ ). Use operations on fractions for this grade to solve problems involving information presented in line plots with  %  percent accuracy.	Line Plot (5th)
Geometry (RT 6, RT8)	Classify Two-Dimensional Figures into categories based on their Properties (5th Grade)	Name  will understand that attributes belonging to a category of two- dimensional figures also belong to all subcategories of that category and classify two-dimensional figures in a hierarchy based on properties with  %  percent accuracy.	Classify Shapes (5th)
Geometry (RT 6, RT8)	Geometric Measurement: Understand Concepts of Volume and relate volume to Multiplication and to Addition (5th Grade)	Name  will measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units, relate volume to the operations of multiplication and addition and solve real world and mathematical problems involving volume with  %  percent accuracy .	Volume (5th)
Measurement (RT 5)	Convert like Measurement Units within a given Measurement System (5th Grade)	Name  will convert among different-sized standard measurement units within a given measurement system (e.g., convert 5 cm to 0.05 m), and use these conversions in solving multi-step, real world problems with  %  percent accuracy.	Convert Measurement (5th)
Number Systems (RT1, RT2)	Understand the Place Value System (5th Grade)	Name  will explain the pattern of the place value system recognizing that in a multi digit number that the number in one place represents 10 times as much as the number to its right and $1/10$ th as much as the number to its left given any number from 1000 to one thousandth with  %  percent accuracy.	Understand the Place Value System (5th)

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Operations (RT3, RT4)	Add and Subtract Decimals to Hundredths (5th Grade)	Name  will add and subtract decimals to hundredths using concrete models, drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction with  %  percent accuracy.	Addition and Subtraction of Decimals (5th)
Operations (RT3, RT4)	Add and Subtract Fractions and Mixed Numbers (5th Grade)	Name  will solve problems (including word problems) involving the addition and subtraction of fractions and mixed numbers with unlike denominators by generating equivalent fractions, using visual fraction models or equations with  %  percent accuracy.	Addition and Subtraction of Fractions and Mixed Numbers (5th)
Operations (RT3, RT4)	Multiply and Divide Fractions (5th Grade)	Name  will use visual models or equations to multiply a fraction by a fraction or by a whole number; and to divide a fraction by a whole number or a whole number by a fraction with  %  percent accuracy.	Multiply and Divide Fractions and Whole Numbers (5th)
Operations (RT3, RT4)	Multiply and Divide with Decimals to Hundredths (5th Grade)	Name  will multiply and divide decimals to hundredths using concrete models, drawings and strategies based on place value with  %  percent accuracy.	Multiply and Divide Decimals (5th)
Operations (RT3, RT4)	Perform Operations with Multi Digit Whole Numbers Division (5th Grade)	Name  will find whole number quotients for whole numbers up to 4 digit dividends and two digit divisors using equations, rectangular arrays and area models with  %  percent accuracy.	Division of Whole Numbers (5th)
Operations (RT3, RT4)	Perform Operations with Multi Digit Whole Numbers Multiplication (5th Grade)	Name  will fluently multiply multi digit whole numbers using the standard algorithm with  %  percent accuracy.	Multi Digit Multiplication (5th)