

5th Grade Math

Quarter 1	Quarter 2	Quarter 3	Quarter 4
<p><u>Numbers and Operations in Base Ten</u> Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right (5.NBT.1) (T1)</p> <p>Use whole-number exponents to denote powers of 10 (5.NBT.2) (T1)</p> <p>Read and write decimals to thousandths using base-ten numerals, number names, and expanded form (5.NBT.3a) (T1)</p> <p>Compare two decimals to thousandths (5.NBT.3b) (T1)</p> <p>Use place value understanding to round decimals to any place (5.NBT.4) (T1)</p> <p>Add and subtract decimals to hundredths (5.NBT.7a) (T2)</p> <p>Fluently multiply multi-digit whole numbers using the standard algorithm (5.NBT.5) (T3)</p> <p>Multiply decimals to hundredths (5.NBT.7b) (T4)</p> <p>Solve word problems involving all operations; math practices (T1-T4)</p>	<p><u>Numbers and Operations in Base Ten</u> Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors (5.NBT.6) (T5)</p> <p>Divide decimals to hundredths (5.NBT.7b)(T6)</p> <p><u>Number and Operations - Fractions</u> Use Equivalent Fractions As a Strategy to Add and Subtract Fractions (5.NF.1) (T7)</p> <p>Solve word problems involving addition and subtraction of fractions referring to the same whole; math practices (5.NF.2) (T7)</p> <p>Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction. (5.NF.4) (T8)</p> <p>Interpret the product $(a/b) \times q$ as a parts of a partition of q into b equal parts (5.NF.4a) (T8)</p> <p>Multiply fractional side lengths to find areas of rectangles (5.NF.4b) (T8)</p> <p>Comparing the size of a product to the size of one factor on the basis of the size of the other factor (5.NF.5a) (T8)</p> <p>Multiplying a given number by a fraction greater than 1 results in a product greater than the given number (5.NF.5b) (T8)</p> <p>Solve real world problems involving multiplication of fractions and mixed numbers; math practices (5.NF.6) (T8)</p>	<p><u>Number and Operations - Fractions</u> Divide unit fractions by whole numbers (5.NF.7) (T9)</p> <p>Divide unit fractions by whole numbers and whole numbers by unit fractions (5.NF.7a,b) (T9)</p> <p>Solve word problems involving division of whole numbers leading to answers in the form of fractions or mixed numbers (5.NF.3)(T9)</p> <p>Solve real world problems involving division of unit fractions; math practices (5.NF.7c) (T9)</p> <p><u>Measurement and Data</u> Understand concepts of volume measurement (5.MD.3,a,b,) (T10)</p> <p>Measure volumes by counting unit cubes (5.MD.4) (T10)</p> <p>Solve real world and mathematical problems involving volume; multiplication of fractions and mixed numbers; math practices (5.NF.6) (T8) (5.MD.5,a,b,c) (T10)</p> <p>Convert different-sized standard measurement units within a given measurement system (5.MD.1) (T11)</p> <p>Make a line plot to display a data set of measurements in fractions of a unit (5.MD.2) (T12)</p>	<p><u>Geometry /Operations and Algebraic</u> Use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols (5.OA.1) (T13)</p> <p>Write simple expressions that record calculations with numbers, and interpret numerical expressions without evaluating them (5.OA.2) (T13)</p> <p>Graphing points in the first quadrant of the coordinate plane (5.G.1,2) (T14)</p> <p>Write simple expressions that record calculations with numbers, and interpret numerical expressions without evaluating them; patterns (5.OA.2)(T15)</p> <p>Classify two-dimensional figures into categories based on their properties (5.G.3,4) (T16)</p> <p>Solve word problems involving all operations; math practices (T1-T12)</p>