

Math 5 Textbook

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Reading and writing numbers through millions Multiplying whole numbers Kinds of fractions; adding and subtracting fractions Rounding whole numbers and money; multiplying and dividing by 10, 100, or 1,000 Dividing by one-digit divisors Understanding decimals Lines, line segments, and rays Finding digit sums; aligning decimals to add or subtract Solving addition and subtraction word problems Using divisibility rules to find factors; doubling two-digit numbers mentally Measuring circles One half, five tenths, and fifty hundredths Measurements	Remainders in division Finding volume; comparing and ordering decimals Finding the greatest common factor Types of graphs Solving multiplication word problems Understanding negative numbers Division with 0 in the quotient; reducing proper fractions Understanding ratios Reducing improper fractions to simplest form Simplifying expressions; counting zeros to multiply Reading and writing billions and trillions; squares to 15 Estimating Choosing sensible measurement units: distance	Solving division word problems Simplifying mixed numbers with improper fractions Decimals and fractions; finding averages Rounding decimals to whole numbers; multiplying decimals Formula for finding the area of a rectangle Using digit sums to check addition; understanding angles Subtracting fractions from whole numbers Finding the least common multiple; measuring to the fourth-inch Dividing by multiples of 10 Combining like integers Formula for finding the area of a square Borrowing to subtract mixed numbers with like denominators Choosing sensible measurement units: weight	Dividing decimals and money Multiplying by moving the decimal point; using digit sums to check subtraction Writing decimals in shortest form Combining unlike integers Dividing by moving the decimal point; understanding polygons: quadrilaterals Formula for finding the circumference of a circle Finding the least common denominator Combining opposite integers Ordering decimals with differing place values Dividing by any two-digit divisor Square roots to 15; finding perimeters Making equal fractions Choosing sensible measurement units: capacity	Using the LCD to add or subtract fractions Naming and measuring angles Revising quotients when the estimate is too large Equations must balance Borrowing to subtract mixed numbers with unlike denominators Annexing zeros to add or subtract decimals Divisibility rule for six; expanding with place value Congruent angles Solving two-step word problems Multiplying fractions Three ways to write ratios Using digit sums to check multiplication Understanding polygons: parallelograms
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Revising quotients when the estimate is too small Annexing zeros in decimal products; drawing angles Canceling before multiplying fractions Setting up decimal multiplication Introducing and checking proportions Lines, line segments, and rays Solving equations Rounding decimals Learning decimal equivalents of common fractions Changing whole and mixed numbers to improper fractions; checking equations Using digit sums to check division Making equivalent ratios Understanding rectangles and rhombuses	Multiplying whole numbers, mixed numbers, and fractions Changing ratios to simplest form Formula for finding the area of a triangle Finding a fraction of a number mentally Understanding percents Understanding prime and composite numbers Changing fractions to decimals and percents Using cross multiplication to solve proportions Solving word problems with remainders Introducing reciprocals Learning metric prefixes Dividing fractions Abbreviating metric measurements	Adding and subtracting time Dividing whole numbers, mixed numbers, and fractions Annexing decimal places to complete division Multiplying two-digit numbers by one-digit numbers mentally Solving word problems using proportions Short division Finding how much time has passed Understanding calculator keys Using proportions to convert U.S. measures Converting metric units Degrees in a circle Relating money, decimals, and fractions; understanding trapezoids The decimal key on a calculator	Solving equations with variables on either side Finding time passing over 12:00 Learning about sets and symbols for sets Order of operations on a calculator Converting units of measure Locating points on a grid The identity property Plotting points on a grid Comparing measurements in word problems Union of sets Adding and subtracting feet and inches The zero property of multiplication Multiplying feet and inches	Comparing prices in word problems Classifying triangles by sides Estimating length Comparing fractions using decimal equivalents Intersection of sets The commutative properties of addition and multiplication Reading Roman numerals through 2,999 Rounding decimals to estimate Taking shortcuts in multiplication Introducing biological symmetry Measuring with precision Comparing estimated products with exact products Recognizing incorrect calculator results