

Math 6 LightUnits Sunrise Edition

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Reviews and tests these skills and concepts: Algebra Data and Percents Decimal Computation Decimal Concepts Division Fractions Geometry Numbers Ratio and Proportion Rounding and Estimating	Rounding mixed numbers Checking division using digit sums Annexing decimal places to complete division Measuring angles and finding the sum Capacity measures Organizing information with tally charts Converting fractions and mixed numbers to decimals Remainders in story problems Using proportions to convert U.S. measures Using a tally chart to make pictographs Variables on the right side of equations Using calculators Repeating decimals Classifying triangles by length of sides Understanding trapezoids	Simplifying expressions by substituting numbers for variables Multiply mixed numbers, whole numbers, and fractions with more than two factors Classifying angles by degrees Reading tables Converting decimals to fractions and mixed numbers Commutative properties of addition and multiplication Rounding decimal quotients Line symmetry Associative properties of addition and multiplication Canceling twice to multiply fractions Drawing pictures to solve problems Circumference of a circle using fractions Divide with multiples of 10, 100, or 1,000 Using the calculator decimal key Multiplication symbols	Dividing by multiples of 100 with remainders Naming many years Writing ratios as percents The other part of a percent Changing percents to fractions Choosing suitable graphs Converting common metric units of weight Estimating to divide by a three-digit divisor Percent of a number Polygon review Dividing to change fractions to percents Revising an estimate that is too large with three-digit divisors Converting common metric units of length Simplifying expressions with multiplication symbols Distributive property	Estimate that is too small with division Factors of prime/composite numbers The Sieve of Eratosthenes Prime factor trees Circle graphs Square numbers Triangular numbers Computing sales tax Change fractions to decimals on a calculator Angles of a quadrilateral Convert common metric units of capacity Coordinates on a grid Rounding tax to the nearest cent Decimal quotients and story problem solutions Circle terms Find a fraction of a number on a calculator Short division Distance formula
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Formula for the area of a circle Upside-down short division Finding discounts and sale prices Exponents Read and write numbers with exponents Pictographs Simplifying by combining like terms Prime factor division Divide by using the division bar Canceling zeros in fractions Larger dividends with three-digit divisors Dividing to solve equations Perimeter of rectangles, parallelograms Identifying right triangles Combine integers on a number line: positive + positive and negative + negative Rules for combining integers Percents over 100% Tithes and offerings	Dividing a decimal by a decimal Converting square units Finding sales tax in one step Using decimal equivalents to compare fractions Drawing bar graphs Combining integers on a number line Rules for combining integers Solving two-step equations with division Savings accounts: deposits and withdrawals Volume of a rectangular prism Parts of a solid Solving percents using proportions Measuring the angles of a triangle The sum of the angles of a triangle Converting cubic units Rates	Time zones Appointments and schedules Standard time and daylight savings time Drawing line graphs Using dates to find the age of an object Finding the missing dimension in the area of a rectangle Simple interest on savings accounts and loans Using multiples to expand decimals Scale drawings Compass directions Relationships of capacity, volume, and weight in the metric system Using a compass to draw circles Problem solving with lists and tables	Adding mixed measures Double bar graphs Why we don't divide by zero Graphing data Finding the missing dimensions: perimeter of a rectangle Converting mixed measures Formula for area of a parallelogram Terms for periods of years Counting weeks Map scales Subtracting mixed measures Decimal equivalents for thirds and sixths Addition and subtraction terms	Multiplication and division terms Unit pricing Multiplying mixed measures Infinite and finite sets of numbers Converting to a mixed measure Buying from a menu Writing equations from words Budgeting Using dates to determine someone's age Finding patterns in numbers Making a recipe smaller Making a recipe larger Sensible metric measures