

Math 5 LightUnits

Sunrise Edition

501	502	503	504	505
Reviews and tests these skills and concepts: Integers and expressions Measures Data Decimals and subtraction Factors and digit sums Division Fractions Geometry Mental math Multiplication Rounding and estimation Numbers and ratios	Simplest form for fractions and mixed numbers Rounding decimals to whole numbers Tenths, hundredths, and thousandths Decimals and place value Hidden questions in story problems Reading decimals Using digit sums to check addition Writing decimals Three-digit quotients Divisibility Using digit sums to check subtraction Hidden facts in story problems Finding the area of a rectangle Place value through trillions Reading numbers through trillions Graph scales Finding the area of a square Finding the average Writing numbers through trillions Choosing sensible measures: distance	Division with 0 in the quotient Subtract a mixed number from a whole number Use common denominators to add or subtract Order of operations in expressions Squares and square roots to 12 Area of a triangle by formula Dividing by multiples of ten Combining like integers The meaning of pi Compare decimals with differing place values Add, subtract, multiply, and divide decimals Combining opposite integers Multiplying by moving decimal points Combining unlike integers Find the lowest common denominator Borrowing to subtract fractions Finding the circumference by formula Dividing by moving decimal points Finding perimeters Choose sensible measures: weight	Changing fractions to common denominators Using digit sums to check multiplication Using a protractor Naming the vertex and angles Dividing money Dividing by any two-digit number Squares to 15 Finding the LCD before adding and subtracting fractions One-half, five-tenths, and fifty hundredths Drawing angles Congruent angles Rounding to any place Ordering decimals Removing zeros in decimals Choosing sensible measurement units: capacity	Equations must balance Multiplying fractions Annexing zeros to add and subtract decimals Expanding with multiples of ten Canceling before multiplying fractions Revising two-digit divisor estimates Placing decimal points in multiplication Three ways to write ratios Understanding quadrilaterals Borrowing to subtract mixed numbers with LCD Annexing zeros in decimal products Divisibility rule for 6 More about lines, line segments, and rays Changing whole numbers to fractions
506	507	508	509	510
Solving equations Understanding parallelograms Checking equations Decimals for common fractions $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$ Using digit sums to check division Equivalent ratios: enlarging Multiples of 7 and 8 to 100 Multiplying fractions, mixed numbers, and whole numbers Equivalent ratios: simplest form Rounding decimals Proportions: Finding the missing term Understanding percent Writing fractions as percents Multiplying fractions in story problems	Using cross products to solve and check proportions Prime and composite numbers Understanding rhombuses Degrees in circles Reciprocals Metric prefixes Finding the fraction of a number mentally Metric prefix chart Metric abbreviations Setting up proportions Dividing fractions Zero placeholders in decimal quotients Changing fractions to percents Converting metric units	Rounding mixed decimals Adding and subtracting time Annexing decimal places to complete division Multiplying mentally; two digits by one digit Short division Understanding trapezoids Story problems with remainders Relating common fractions with decimals on a number line Dividing fractions in story problems How much time has passed? Using proportions to convert U.S. measures Understanding calculators Decimals, fractions, and money	Order of operations on a calculator Variables on the right side of the equation Time passing over 12:00 Symbols and elements of a set The decimal key on a calculator Symbols for feet and inches; adding feet and inches Ordered pairs and points on a grid Identity property Subtracting feet and inches Union of sets Zero property of multiplication Multiplying feet and inches Commutative property	Find the better price Classifying triangles by sides Right triangles Changing to common measurement units in story problems Eyeball estimating Comparing fractions by comparing decimal equivalents Intersection of sets Roman numerals through 2,000 Rounding decimals to estimate Multiplication shortcuts Biological symmetry Precision in measurement Is the answer more or less than the estimate? Recognizing incorrect results on the calculator