

Math 4 LightUnits Sunrise Edition

401

Reviews and tests these skills and concepts:
 Multiplication facts
 Fractions
 Measurements
 Decimals
 Addition
 Numbers
 Subtraction
 Metric measures
 Multiplication
 Rounding
 Mental math
 Problem solving

402

Naming lines and line segments
 Division is the opposite of multiplication
 Doubling large numbers
 Names for parts of a division problem
 Reading, writing numbers through millions
 Measuring circles
 Naming rays
 Add and subtract fractions horizontally and vertically
 Division with a remainder
 Factors
 Finding a fraction of a number
 Digit sums
 Multiply three-digit numbers with or without carrying
 Four-step division
 Meaning of centi and milli
 Carrying mentally
 Check division problems with remainders
 Multiplying money
 Proper and improper fractions
 Counting by 12's to 144

403

Digit sums shortcut
 Changing feet to yards
 Whole numbers and two-place decimals
 Rounding to the nearest dollar
 Mixed numbers and improper fractions
 Multiplying by 10, 100, and 1,000
 Dividing by 10, 100, and 1,000
 Multiplying a two-digit number by a two-digit number
 Factor rules for 2, 5, and 10
 Writing numbers through millions
 Estimate to add and subtract
 Naming triangles
 Five steps in long division
 Multiply two-digit numbers by tens
 Checking multiplication
 Common solids
 Checking addition and subtraction
 Gram, kilogram, and metric ton
 One-fourth inch

404

Change mixed numbers to improper fractions
 Factor rules for 3 and 9
 Perimeter and area
 Area of squares and rectangles
 Looking for addends that equal 10
 Use digit sums to check multiplication
 Multiplying decimals by 10 and 100
 Similar figures
 Count by eevens
 Three-digit dividends, two-digit quotients
 Hundredths and place value
 Writing remainders as fractions
 Find factors using multiples
 Decimals and money

405

Common factors
 Ordering decimals (hundredths)
 Adding and subtracting hundredths
 Multiplying three factors
 Volume
 Changing improper fractions to whole or mixed numbers
 Simplifying fractions
 Making equal fractions
 Borrowing mentally
 Horizontal borrowing with subtraction
 Rounding in the middle of a number
 Measuring volume
 Finding the missing numerator
 Types of graphs
 Pictographs that show halves
 Making a pictograph

406

Keys to finding common factors
 Measuring circles
 Ratios compare amounts
 Circumference and diameter
 Simplifying fractions to simplest form
 Ratios compare measurements
 Multiply 12 facts
 Gross
 Using digit sums to check addition
 Temperatures below zero
 Counting across zero
 Multiplying three-digit numbers by two-digit numbers
 Area of triangles
 Rounding niners
 One minus a fraction
 Special temperatures
 Counting by sixteens

407

Counting zeros to multiply
 Rounding tenths to whole numbers
 Degrees measure angles
 Making a bar graph
 Expressions and variables
 Analogies
 Estimating multiplication
 Multiply 11 facts
 Adding or subtracting mixed numbers
 If/then statements
 Writing the date with numbers
 Multiplying three-digit numbers by three-digit numbers
 Comparing numbers across zero
 Simplifying expressions
 Simplifying mixed numbers
 Place value through millions
 What would equal 100?

408

Simplifying expressions in the right order
 Subtracting a mixed number from a whole number
 Lowest common multiple
 Vertex; naming angles
 Simplifying with parentheses
 Adding and subtracting time
 A quicker way to find LCM
 Other numbers that equal 100
 Three-digit quotients
 Borrowing to subtract fractions
 Using a protractor
 Expanding numbers to millions
 Subtracting from 100
 Using digit sums to check subtraction

409

Drawing angles
 Liters and milliliters
 Division with 0 in the quotient
 Adding time with carrying
 Making a line graph
 Squares and square roots
 Subtracting time with borrowing
 Finding averages
 Measuring to the eighth-inch
 Congruent angles
 Dividing money
 Sets
 Meters and decimals
 Drawing congruent angles

410

Meters and centimeters
 Rounding to the nearest fourth-inch
 Sets without pictures
 Prime numbers
 Keys to finding prime numbers
 One-half and tenths
 One-half and hundredths
 Symbol for square root
 Equal fractions
 Dry food measures
 Symmetry and asymmetry
 Symmetrical patterns
 Completing symmetrical shapes
 Places on a grid
 Scale drawing on a grid