

Math 7 LightUnits Sunrise Edition

701	702	703	704	705
Tests these skills and concepts: Geometry Facts Division with three-digit divisors Geometry applications Division with decimals Using formulas Percent concepts Fraction multiplication Percent applications Expressions and equations Proportions Exponents, integers, and coordinates Primes and factors Division puzzle	Formula for the area of a parallelogram Finding digit sums by casting out nines Multiplying to solve equations Christian giving Formula for the area of a trapezoid Writing mixed number percents as decimals without rounding Using prime factors to find the greatest common factor Graphs and statistics: tally charts Using digit sums to check multiplication Finding the areas of irregular shapes Subtracting negative integers Adding, subtracting, and multiplying mixed measures Percent equivalents for thirds and sixths	Formula for the volume of a triangular prism Changing fractional percents to decimals without rounding Multiplying expressions that include variables Figuring commissions Finding the missing dimensions for area and perimeter of a rectangle Converting between miles and kilometers Fractional answers in two-step equations Graphs and statistics: drawing bar graphs Using digit sums to check division Rounding mixed numbers to the nearest whole number Equations, inequalities, and variables Dividing mixed measures Using proportions to convert between U.S. and metric measures	Solving two-step equations with multiplication Solving inequalities ($<$, $>$) Symbols for congruent and similar Constructing congruent line segments Honesty in graphing information Graphing solutions ($>$, $<$, $=$) Percents in story problems: dealing with the remainder Finding missing angle measures in triangles Graphs and statistics: building pictographs Simplifying and solving expressions in equations Simplifying complex fractions Using fractional equivalents of percents in story problems Converting between liters and gallons Decimal and percent equivalents for eighths	Constructing congruent angles Solving inequalities and graphing their solutions Combining numbers and words to express large numbers Understanding depreciation Listing prime factors using exponents Memorizing the powers of the smaller numbers Reflex angles Formula for the volume of a cylinder Graphs and statistics: building line graphs Calculating increase and decrease Order of operations with exponents Classifying triangles Powers of ten Converting between kilograms and pounds
706	707	708	709	710
Bisecting an angle Multiplying positive and negative integers Multiplying two negative integers The cost of installment buying Combining integers in vertical form Dividing with negative integers Solving fraction questions using proportions Graphs and statistics: reading circle graphs and calculating sector percents The exponents 1 and 0 Finding the missing dimensions for any measurement formula Negative exponents as fractions Complementary and supplementary angles Converting between inches and centimeters	Bisecting a line segment Combining like terms to simplify and solve Negative exponents as decimals Interest on savings and loans Polyhedra Translating words into expressions or equations Finding the percent of increase or decrease Graphs and statistics: calculating degrees for circle graph sectors Finding mean, median, and mode Finding the surface area of prisms Choosing equations for problems Using the distributive property to simplify and solve Converting between meters and yards	Multiplying variable with exponents Symbols for perpendicular and parallel Constructing parallel lines The range of data Calculating interest in months Symbols for sets Bible measures of length Using powers of ten to expand numbers Graphs and statistics: histograms Using prime factorization to find the LCM Finding complements, supplements, and opposites Venn diagrams for the universal set, sets, and subsets Points on a coordinate plane Converting between teaspoons and milliliters	Bible measures of capacity (dry) Bible measures of capacity (liquid) Constructing a perpendicular from a point to a line Finding any part of the distance formula Figuring operating expenses Venn diagrams for intersection of sets Disjoint sets The empty set Arcs and semicircles Linear relations Graphs and statistics: choosing an appropriate graph to display data Metric and U.S. measures of land area Understanding scientific notation Converting between Celsius and Fahrenheit temperatures Map scales using proportions The complement of a set	Old Testament shekels and talents Special sets of numbers Writing numbers in scientific notation Finding unit price to the nearest cent Diagonals of polygons Twenty-four-hour digital time Graphing linear equations Graphs and statistics: double line graphs New Testament measures of weight and money Using prime factors to reduce fractions Scale drawings using proportions The relationship of volume to capacity in the metric system Constructing a congruent figure using a reflection