

Book	Module	Section	SubSection	Objective
1	1	1	2	Make a table to organize your work /// visual
1	1	2	1	Name basic geometric figures (point, line, segment, ray) /// geometry
1	1	4	2	Estimate answers by rounding whole numbers /// round /// mental
1	1	4	3	Use compatible numbers to find sums or products mentally
1	2	1	2	Classify polygons by numbers of sides /// geometry
1	2	2	1	Write fractions and mixed numbers to describe drawings or situations
1	2	2	2	Divide a figure into congruent parts /// geometry
1	2	2	3	Use a fractional part to find a whole
1	2	3	1	Recognize equivalent fractions
1	2	3	2	Find equivalent fractions
1	2	5	2	Write numbers in tenths, hundredths, or thousandths using words, fractions, or decimals
1	2	6	1	Add decimals
1	2	6	2	Subtract decimals
1	3	1	1	Sort sets of data using a Venn diagram /// visual
1	3	1	3	Use appropriate metric units to measure length and mass
1	3	2	2	Use mental math to find a fraction of a whole number
1	3	2	5	Become familiar with common fraction/percent equivalents (halves, fourths, fifths, tenths)
1	3	3	3	Interpret and make a line plot /// visual /// data
1	3	4	4	Round a decimal to a specific place value
1	3	5	1	Divide a decimal by a whole number including appending zeros
1	3	5	2	Use compatible numbers to estimate a decimal quotient /// mental
1	3	5	3	Use front-end estimation to estimate a whole number or decimal sum /// mental
1	3	5	4	Use trading off to find a whole number or decimal sum mentally
1	4	1	2	Use dividing and rounding to write a fraction as a whole percent
1	4	1	5	Identify impossible and certain events
1	4	2	1	Use the divisibility tests for 2, 3, 5, 9, and 10
1	4	2	5	Convert between standard form and exponential form
1	4	2	6	Write the prime factorization of a number using exponents
1	4	5	5	Find the area and perimeter of a rectangle /// geometry /// quadrilateral /// polygon
1	4	6	3	Write a quotient as a mixed number, and decide when a mixed number quotient is appropriate to solve a p
1	5	1	5	Choose mental math, paper/pencil, or a calculator to compare fractions /// be able to use mental math, pa
1	5	2	1	Use benchmarks to estimate customary length /// measure /// mental
1	5	2	2	Use a ruler to measure in fractions of an inch
1	5	2	4	Convert between customary units of length /// measure
1	5	2	5	Add and subtract lengths measured in customary units
1	5	4	2	Estimate mixed number sums /// fraction /// mental
1	5	4	4	Use mental math to subtract a mixed number from a whole number /// fraction
1	5	5	1	Use benchmarks to estimate capacity in customary units /// measure /// mental
1	5	6	3	Use number sense to estimate when dividing with fractions /// mental

Book	Module	Section	SubSection	Objective
1	6	3	2	Write the decimal form of a ratio to make comparisons /// fraction
1	6	6	3	Apply the percent equivalents for thirds /// fraction
1	7	1	2	Understand how to convert between square units in the same measurement system
1	7	1	3	Identify the base and height of a parallelogram and of a triangle /// geometry /// quadrilateral /// triangle ///
1	7	3	1	Use appropriate customary units to estimate and measure weight /// mental
1	7	3	2	Convert between customary units of weight /// measure
1	7	4	1	Identify the parts of a circle; use a compass to draw a circle /// geometry
1	7	5	1	Develop and use a formula for the area of a circle /// geometry /// equation
1	7	5	2	Recognize cylinders /// geometry /// circle /// prism
1	7	6	1	Use benchmarks to estimate Celsius and Fahrenheit temperatures /// measure /// mental
1	8	3	2	Estimate capacity in metric units /// measure /// mental
2	1	1	1	Understand the concept of percent
2	1	2	3	Understand that exponents represent repeated multiplication
2	1	2	4	Identify the pattern in a sequence that involves exponents
2	1	2	5	Find the volume of a cube /// measure
2	1	3	2	Use a number from 0 to 1 to estimate probability /// mental
2	1	6	4	Decide when to use a bar graph or a line graph to represent a set of data /// visual
2	2	1	1	Name rays and angles with symbols /// geometry
2	2	1	2	Use a protractor to measure and draw angles /// geometry
2	2	1	3	Classify angles as acute, obtuse, right, or straight /// geometry
2	2	1	5	Estimate the measure of an angle, including angles greater than 180 degrees /// mental /// geometry
2	2	2	1	Use integers to represent real-life situations
2	2	2	2	Compare integers
2	2	2	4	Recognize parallel and perpendicular lines in a plane /// geometry
2	2	2	5	Use coordinates to identify and plot points in a coordinate plane /// graph
2	2	5	3	Solve addition and subtraction equations with integer solutions using inverse operations, and check a sol
2	3	1	3	Apply divisibility rules for 2, 3, 4, 5, 6, 9, and 10
2	3	1	4	Find the GCF and LCM of two or more numbers
2	3	2	1	Write fractions in lowest terms to compare fractions
2	3	2	2	Add and subtract fractions with unlike denominators
2	3	3	2	Add mixed numbers with unlike denominators and with renaming /// fraction
2	3	3	3	Subtract mixed numbers with unlike denominators and with regrouping /// fraction
2	3	4	1	Write decimals in words
2	3	4	2	Write decimals as fractions or mixed numbers in lowest terms
2	3	4	3	Compare and order decimals
2	3	4	6	Multiply and divide decimals by powers of 10
2	3	5	1	Divide or multiply to convert among metric units of length /// measure
2	3	5	2	Develop and use benchmarks to estimate lengths in metric units /// measure /// mental
2	3	6	1	Classify triangles by side lengths /// geometry /// polygon

Book	Module	Section	SubSection	Objective
2	4	1	2	Multiply fractions and mixed numbers
2	4	1	3	Use the distributive property to multiply a mixed number by a whole number or a fraction /// equation
2	4	1	4	Divide whole numbers, fractions, and mixed numbers
2	4	2	1	Estimate decimal products using powers of 10 and multiply decimals /// mental
2	4	2	2	Estimate decimal quotients using powers of 10 and divide decimals /// mental
2	4	4	4	Evaluate variable expressions involving fractions, decimals, or integers /// equation
2	5	1	3	Find the mean, median, mode, and range of a data set and choose the best average
2	5	2	1	Use cross products to solve proportions /// scale /// ratio
2	5	4	1	Write ratios in fraction, decimal, and percent forms
2	5	4	2	Use mental math or “nice” fractions to write ratios as percents
2	5	4	3	Use mental math or “nice” fractions to estimate percents
2	6	1	3	Find the area of a parallelogram, a triangle, and of shapes composed of them /// geometry /// quadrilateral
2	6	3	1	Recognize similar and congruent figures and identify corresponding parts /// geometry
2	6	3	3	Classify triangles as acute, obtuse, or right /// geometry /// polygon
2	6	5	2	Use the relationship among metric units for volume, capacity, and mass of water /// measure
2	6	5	3	Convert among metric units of mass and among metric units of capacity /// measure
2	7	1	3	Use formulas to find values and make graphs /// visual /// equation
2	7	2	1	Interpret and use percents greater than 100%
2	7	3	1	Convert among customary units of capacity /// measure
2	8	3	3	Distinguish a combination from a permutation
2	8	4	1	Create a tessellation with any triangle or quadrilateral /// geometry /// polygon
3	1	1	2	Solve problems involving rates and unit rates
3	1	4	1	Find the circumference of a circle /// geometry
3	1	5	2	Solve simple 1- and 2-step equations
3	1	6	1	Recognize polygons and regular polygons /// geometry
3	1	6	2	Use tables, graphs, and equations to model relationships among length, area, and perimeter /// visual /// r
3	2	1	1	Estimate a percent of a number /// mental
3	2	1	2	Use proportions to find percents and solve problems /// scale /// ratio
3	2	1	3	Use equations to find percents
3	2	2	1	Use estimation and mental math to find percents
3	2	2	2	Use percents to solve problems
3	2	3	2	Recognize independent and dependent events
3	2	3	4	Find experimental probabilities
3	2	4	1	Add integers
3	2	4	2	Use opposites to evaluate -x
3	2	4	4	Perform translations in the coordinate plane /// geometry /// graph
3	2	4	5	Subtract integers
3	2	4	6	Multiply and divide integers
3	2	5	1	Add and subtract positive and negative integers

Book	Module	Section	SubSection	Objective
3	2	6	3	Graph an inequality on a number line /// visual /// equation
3	3	1	2	Solve problems involving length, area, and volume relationships /// measure /// geometry
3	3	4	1	Understand and apply properties of similar figures including similar triangles /// geometry /// polygon
3	4	1	3	Apply the triangle inequality rule /// geometry /// polygon
3	4	2	1	Describe the rotational symmetries of a figure /// transformation
3	4	3	2	Classify quadrilaterals /// geometry /// polygon
3	4	4	1	Multiply and divide negative rational numbers and solve equations with negative rational numbers /// integ
3	4	6	1	Find geometric probabilities
3	4	6	2	Find theoretical probabilities for multistage experiments
3	5	1	1	Find the surface area of a cylinder /// geometry /// circle
3	5	2	2	Use a line graph to compare rates of change over time /// visual /// data
3	6	1	1	Use isometric dot paper to draw figures made with cubes
3	6	1	2	Explore volumes and surface areas of figures made with cubes /// measure /// geometry
3	6	1	3	Draw three-dimensional and flat views of figures
3	6	2	1	Create and explore nets for space figures
3	6	2	2	Identify and count faces, edges, and vertices of space figures
3	6	3	1	Find the surface area of prisms and pyramids /// geometry
3	6	3	2	Find volumes of prisms, pyramids, cones, and composite space figures /// measure /// geometry
3	6	5	1	Write and solve inequalities that involve one operation /// equation
3	6	6	1	Make a scale drawing /// ratio
3	6	6	2	Find perimeters and areas of similar figures /// geometry
3	7	1	1	Use a graph to model and interpret data /// visual
3	8	1	4	Explore using an experiment to gather data
3	8	2	1	Draw and interpret a circle graph /// visual /// data
3	8	3	2	Recognize a misleading graph /// visual /// data
3	8	4	1	Recognize equivalent rates
3	8	4	2	Use equivalent rates to present information effectively