Wyoming Department of Education Required Virtual Education Course Syllabus

Natrona County School District # 1

Program Name	Natrona Virtual Learning	Content Area	MA
Course ID	NVA030501	Grade Level	5
Course Name	Math Yellow Grade 5	of Credits	
SCED Code	30501	Curriculum Type	K1 Inc

COURSE DESCRIPTION

This research-based course focuses on computational fluency, conceptual understanding, an problem-solving. The engaging course features new graphics, learning tools, and games; adaptive activities that help struggling students master concepts an skills before moving on; an more support for Learning Coaches to guide their students to success. This course for st udents in Grade 5 investigates whole numbers through practical situations an rounding, exponents and powers, and elementary number theory. Students begin addition an subtraction of integers an apply all of their work with rational numbers to problem-solving experiences. The study of algebra includes work with variables, solving equations and inequalities, usi ng formulas within geometry an measurement, an work within the coordinate system. The study of geometry encompasses properties of lines, angles, two- an three-dimensional figures, an formal constructions and transformations.

WYOMING CONTENT AND PERFORMANCE STANDARDS

STANDARD#	BENCHMARK_(Standard/Indicator) Use the Standards and Benchmarks as Spreadsheets
5.OA.1	Use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols.
5.OA.2	Write simple expressions that record calculations with numbers, and interpret numerical expressions without evaluating them. For example, express the calculation “add 8 and 7, then multiply by 2” as 2 × (8 + 7). Recognize that 3 × (18932 + 921) is three times as large as 18932 + 921, without having to calculate the indicated sum or product.
5.OA.3	Generate two numerical patterns using two given rules. Identify apparent relationships between corresponding terms. Form ordered pairs consisting of corresponding terms from the two patterns, and graph the ordered pairs on a coordinate plane. For example, given the rule “Add 3” and the starting number 0, and given the rule “Add 6” and the starting number 0, generate terms in the resulting sequences, and observe that the terms in one sequence are twice the corresponding terms in the other sequence. Explain informally why this is so.

5.NBT.1	Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.
5.NBT.2	Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole number exponents to denote powers of 10.
5.NBT.3	Read, write, and compare decimals to thousandths.
5.NBT.3a	Read and write decimals to thousandths using base-ten numerals, number names, and expanded form, e.g., 347.392 10 1 (1/10) (1/100) (1/1000).
5.NBT.3b	Compare two decimals to thousandths based o meanings of the digits in each place, using >, =, and < symbols to record the results of comparisons.
5.NBT.4	Use place value understanding to round decimals to any place.
5.NBT.5	Fluently multiply multi-digit whole numbers using the standard algorithm.
5.NBT.6	Find whole-number quotients of whole numbers with u to four-digit dividends and two-digit divisors, using strategies based o place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.
5.NBT.7	Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.
5.NF.1	Ad and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators. For example, 2/3 + 5/4 8/12 15/12 23/12. (In general, a/b c/d (ad bc)/bd.)
5.NF.2	Solve word problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators, e.g., by using visual fraction models or equations to represent the problem. Use benchmark fractions and number sense of fractions to estimate mentally and assess the reasonableness of answers. For example, recognize an incorrect result 2/5 + 1/2 = 3/7 by observing that 3/7 < 1/2.
5.NF.3	Interpret a fraction as division of the numerator by the denominator (a/b = a ÷ b). Solve word problems involving division of whole numbers leading to answers in the form of fractions or mixed numbers, e.g., by using visual fraction models or equations to represent the problem. For example, interpret 3/4 as the result of dividing 3 by 4, noting that 3/4 multiplied by 4 equals 3 and that when 3 wholes are shared equally among people each person has share of size 3/4. If people want to share 50-

	poun sack of rice equally by weight, how many pounds of rice should each person get? Between what two whole numbers does your answer lie?
5.NF.4	Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction.
5.NF.4a	Interpret the product (a/b) × q as a parts of a partition of q into b equal parts; equivalently, as the result of sequence of operations × q ÷ b. For example, use a visual fraction model to show (2/3) × 4 = 8/3, and create a story context for this equation. Do the same with (2/3) × (4/5) = 8/15. (In general, (a/b) × (c/d) = ac/bd.)
5.NF.4b	Find the area of rectangle with fractional side lengths by tiling it with unit squares of the appropriate unit fraction side lengths, and show that the area is the same as would be found by multiplying the side lengths. Multiply fractional side lengths to find areas of rectangles, and represent fraction products as rectangular areas.
5.NF.5	Interpret multiplication as scaling (resizing) by: **a.** Comparing the size of a product to the size of one factor on the basis of the size of the other factor, without performing the indicated multiplication. **b.** Explaining why multiplying given number by a fraction greater than 1 results in a product greater than the given number (recognizing multiplication by whole numbers greater than 1 as a familiar case); explaining why multiplying given number by fraction less than results in a product smaller than the given number; and relating the principle of fraction equivalence a/b = (n×a) / (n×b) to the effect of multiplying a/b by 1.
5.NF.6	Solve real world problems involving multiplication of fractions and mixed numbers, e.g., by using visual fraction models or equations to represent the problem.
5.NF.7	Apply and extend previous understandings of division to divide unit fractions by whole numbers and whole numbers by unit fractions. (Students able to multiply fractions in general can develop strategies to divide fractions in general, by reasoning about the relationship between multiplication and division. But division of fraction by a fraction is not a requirement at this grade.)
5.NF.7a	Interpret division of a unit fraction by a non-zero whole number, and compute such quotients. For example, create a story context for (1/3) ÷ 4 and use a visual fraction model to show the quotient. Use the relationship 5.NF.7
5.NF.7b	Interpret division of a whole number by a unit fraction, and compute such quotients. For example, create story context for (1/5) and use visual fraction model to show the quotient. Use the relationship between multiplication and division to explain that ÷ (1/5) = 2 because 2 × (1/5) = 4.
5.NF.7c	Solve real-world problems involving division of unit fractions by non-zero whole numbers and division of whole numbers by unit fractions, e.g., by using visual fraction models and equations to represent the problem. For example, how much chocolate will each person get if 3 people share 1/2 lb of chocolate equally? How many 1/3-cup

	servings are in 2 cups of raisins?
5.MD.1	Convert among different-sized standard measurement units within a given measurement system (e.g., convert 5 cm to 0.05 m), and use these conversions in solving multi-step real world problems.
5.MD.2	Make a line plot to display a data set of measurements in fractions of a unit (1/2, 1/4, 1/8). Use operations on fractions for this grade to solve problems involving information presented in line plots. For example, given different measurements of liquid in identical beakers, find the amount of liquid each beaker would contain if the total amount in all the beakers were redistributed equally.
5.MD.3	Recognize volume as an attribute of solid figures and understand concepts of volume measurement. **a.** cube with side length 1 unit, called a "unit cube," is said to have "one cubic unit" of volume, and can be used to measure volume. **b.** solid figure which can be packed without gaps or overlaps using n unit cubes is said to have a volume of n cubic units.
5.MD.4	Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units.
5.MD.5	Relate volume to the operations of multiplication and addition and solve real world and mathematical problems involving volume.
5.MD.5a	Find the volume of right rectangular prism with whole-number side lengths by packing it with unit cubes, and show that the volume is the same as would be found by multiplying the edge lengths, equivalently by multiplying the height by the area of the base. Represent three-fold whole-number products as volumes, e.g., to represent the associative property of multiplication.
5.MD.5b	Apply the formulas V =(l)(w)(h) and V = (b)(h) for rectangular prisms to find volumes of right rectangular prisms with whole-number edge lengths in the context of solving real world and mathematical problems.
5.MD.5c	Recognize volume as additive. Find volumes of solid figures composed of two non-overlapping right rectangular prisms by adding the volumes of the non-overlapping parts, applying this technique to solve real world problems.
5.G.1	Use a pair of perpendicular number lines, called axes, to define a coordinate system, with the intersection of the lines (the origin) arranged to coincide with the 0 on each line and a given point in the plane located by using an ordered pair of numbers, called its coordinates. Understand that the first number indicates how far to travel from the origin in the direction of one axis, and the second number indicates how far to travel in the direction of the second axis, with the convention that the names of the two axes and the coordinates correspond (e.g., x-axis and x-coordinate, y-axis and y-coordinate).
5.G.2	Represent real world and mathematical problems by graphing points in the first

	quadrant of the coordinate plane, and interpret coordinate values of points in the context of the situation.
5.G.3	Understand that attributes belonging to a category of two-dimensional figures also belong to all subcategories of that category. For example, all rectangles have four right angles and squares are rectangles, so all squares have four right angles.
5.G.4	Classify two-dimensional figures in a hierarchy based o properties.

UNIT OUTLINE	STANDARD#	OUTCOMES OBJECTIVES/STUDENT CENTERED GOALS
Whole Numbers and Powers Round Whole Numbers in Story Problems		Round whole numbers in a story problem. Round a whole number. Identify and explain when rounding is useful. Represent and compute a power by using repeated multiplication. Solve a problem that involves powers. Estimate or calculate a sum or a difference in a whole-number problem. Estimate or calculate a product or a quotient in a whole-number problem. Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a product or quotient in a whole-number story problem.
Whole Numbers and Powers Estimate and Find Sums and Differences		Demonstrate automatic recall of addition facts with sums through 20. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Explain and apply standard step-by-step approaches for subtraction. Estimate sums and differences on a number line. Explain and apply standard step-by-step approaches for addition. Estimate or calculate a sum or a difference in a whole-number problem.
Whole Numbers and Powers Estimate Sums and Differences (A)		Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a sum or a difference in a whole-number problem. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result.
Whole Numbers and Powers Estimate		Estimate or calculate a sum or a difference in a whole-number story problem.

Sums and Differences (B)		Estimate or calculate a sum or a difference in a whole-number problem. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result.
Whole Numbers and Powers Multiply Whole Numbers	5.NBT.5	Fluently multiply multidigit whole numbers using the standard algorithm. Explain and apply standard step-by-step approaches for multiplication.
Whole Numbers and Powers Divide Whole Numbers	5.NBT.6	Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality. Explain and apply standard step-by-step approaches for division of a multidigit number by a 1- or 2-digit divisor. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using the standard algorithm.
Whole Numbers and Powers Solve Story Problems	5.NBT.5 5.NBT.6	Fluently multiply multidigit whole numbers using the standard algorithm. Determine whether multiplication or division is the appropriate operation to use to solve a story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies.
Whole Numbers and Powers Multistep Story Problems	5.NBT.5 5.NBT.6	Determine which operations are appropriate to use to solve a multi-step story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Fluently multiply multidigit whole numbers using the standard algorithm. Solve multistep story problems using multiple operations. Analyze a story problem by identifying the question, recognizing relevant information, and developing a solution strategy. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder.
Whole Numbers and Powers Place-Value Patterns	5.NBT.1	Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.
Whole Numbers and Powers 1 Bases and Exponents (A)		Represent and compute a power by using repeated multiplication.
Whole Numbers and Powers 1 Bases and Exponents (B)		Represent and compute a power by using repeated multiplication.

Whole Numbers and Powers 1 Core Focus		Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Fluently multiply multidigit whole numbers using the standard algorithm. Solve multistep story problems using multiple operations. Determine which operations are appropriate to use to solve a multi-step story problem.
Whole Numbers and Powers 1 Unit Review		Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Represent and compute a power by using repeated multiplication. Estimate or calculate a sum or a difference in a whole-number problem. Fluently multiply multidigit whole numbers using the standard algorithm. Estimate or calculate a sum or a difference in a whole-number story problem. Solve multistep story problems using multiple operations. Solve a problem that involves powers. Round whole numbers in a story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using the standard algorithm.
Whole Numbers and Powers 1 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Whole Numbers and Powers 1 Unit Checkpoint		
Whole Numbers and Powers 1 Extended Problems: Reasoning		Fluently multiply multidigit whole numbers using the standard algorithm. Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Solve a problem that involves powers. Analyze complex problems using mathematical knowledge and skills.
Geometry Angles (A)		Identify and draw perpendicular or parallel lines with appropriate math tools. Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Predict, describe, and perform transformations on two-dimensional shapes.

		Identify or draw a two-dimensional view of a three-dimensional object. Construct rectangles or triangles with appropriate math tools. Identify, measure, and draw angles with appropriate math tools. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Demonstrate understanding of relative angle measures. State and recognize the definitions of a right angle, an acute angle, an obtuse angle, and a straight angle.
Geometry Angles (B)		Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder. Identify, measure, and draw angles with appropriate math tools. Demonstrate understanding of relative angle measures.
Geometry 3 Perpendicular and Parallel Lines		Identify lines that are perpendicular. Identify lines that are parallel or intersecting. Identify and draw perpendicular or parallel lines with appropriate math tools.
Geometry Identify and Classify Triangles	5.G.3	Demonstrate automatic recall of addition facts with sums through 20. Demonstrate automatic recall of subtraction facts with minuends through 20. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of multiplication facts. Identify attributes of isosceles, equilateral, and right triangles. Define and sketch different types of triangles and identify their attributes. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category.
Geometry Identify and Classify Quadrilaterals (A)	5.G.3 5.G.4	Determine the answer to a story problem to a specific degree of accuracy, such as hundredths. Estimate and measure the length of an object to the nearest centimeter. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Classify two-dimensional figures in a hierarchy based on their properties. Know how to define and sketch different quadrilaterals.
Geometry Identify and Classify Quadrilaterals (B)	5.G.3. 5.G.4	Classify two-dimensional figures in a hierarchy based on their properties. Know how to define and sketch different quadrilaterals. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Identify attributes of parallelograms, rectangles, and squares.
Geometry Identify	5.G.3.	Draw or identify a triangle or a quadrilateral on the basis of a given description.

and Classify Quadrilaterals (C)	5.G.4	Classify two-dimensional figures in a hierarchy based on their properties. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Identify attributes of parallelograms, rectangles, and squares.
Geometry 8 Construct Triangles and Quadrilaterals		Construct rectangles or triangles with appropriate math tools. Know how to define and sketch different quadrilaterals. Define and sketch different types of triangles and identify their attributes.
Geometry Angles and Triangles (A)		Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Define and sketch different types of triangles and identify their attributes. Identify attributes of isosceles, equilateral, and right triangles. Use objects or sketches to solve a story problem that involves addition or subtraction of fractions. Identify the diameter and radius of a circle. Order three or more decimal numbers. Estimate the length of a line segment to the nearest inch or centimeter.
Geometry 1 Angles and Triangles (B)		Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Define and sketch different types of triangles and identify their attributes. Identify attributes of isosceles, equilateral, and right triangles.
Geometry 1 Angles in a Quadrilateral (A)		Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Demonstrate automatic recall of addition facts with sums through 20. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Use the inverse relationship of multiplication and division to compute and check results. Identify attributes of parallelograms, rectangles, and squares. Know how to define and sketch different quadrilaterals.
Geometry 1 Angles in a Quadrilateral (B)		Identify attributes of parallelograms, rectangles, and squares. Know how to define and sketch different quadrilaterals. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems.
Geometry 1 Core Focus		Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Classify two-dimensional figures in a hierarchy based on their properties. Know how to define and sketch different quadrilaterals. Define and sketch different types of triangles and identify their

		attributes.
Geometry 1 Unit Review		Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Define and sketch different types of triangles and identify their attributes. Identify and draw perpendicular or parallel lines with appropriate math tools. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Identify, measure, and draw angles with appropriate math tools. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Know how to define and sketch different quadrilaterals. Classify two-dimensional figures in a hierarchy based on their properties.
Geometry 15 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Geometry 1 Unit Checkpoint		
Geometry 17 Extended Problems: Real-World Application		Define and sketch different types of triangles and identify their attributes. Classify two-dimensional figures in a hierarchy based on their properties. Partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole. Know how to define and sketch different quadrilaterals. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Solve multistep story problems using multiple operations. Apply mathematical knowledge and skills to evaluate and analyze real-world situations.
Fractions: Multiplication & Division 1 Fraction Multiplication (A)	5.NF.4	Use models and equations to multiply a whole number or a fraction by a fraction. Recognize and determine equivalent fractions. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality.
Fractions: Multiplication & Division 2 Fraction Multiplication (B)	5.NF.4	Use models and equations to multiply a whole number or a fraction by a fraction.
Fractions: Multiplication & Division 3 Fraction	5.NF.4	Use models and equations to multiply a whole number or a fraction by a fraction.

Multiplication (C)		Recognize and determine equivalent fractions.
Fractions: Multiplication & Division 4 Fraction Multiplication (D)	5.NF.4 5.NF.6.	Use models and equations to multiply a whole number or a fraction by a fraction.
Fractions: Multiplication & Division 5 Multiplication as Scaling	5.NF.5	Explain why multiplying a given number by a positive fraction less than 1 results in a product smaller than the given number. Interpret multiplication as scaling. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Explain why multiplying a given number by a fraction greater than 1 results in a product greater than the given number.
Fractions: Multiplication & Division 6 Fractions as Division Problems	5.NF.3	Explain and give examples of different interpretations of fractions. Divide whole numbers by unit fractions and unit fractions by whole numbers.
Fractions: Multiplication & Division 7 Fraction Division (A)	5.NF.7	Divide whole numbers by unit fractions and unit fractions by whole numbers. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of multiplication facts. Demonstrate automatic recall of addition facts with sums through 20. Demonstrate automatic recall of subtraction facts with minuends through 20.
Fractions: Multiplication & Division 8 Fraction Division (B)	5.NF.7	Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Multiply a fraction by a whole number to solve a story problem. Divide whole numbers by unit fractions and unit fractions by whole numbers.
Fractions: Multiplication & Division 9 Fraction Division (C)	5.NF.7	Divide whole numbers by unit fractions and unit fractions by whole numbers.
Fractions: Multiplication & Division 10 Core Focus		Use models and equations to multiply a whole number or a fraction by a fraction. Solve real-world problems involving multiplication of fractions and mixed numbers.
Fractions: Multiplication & Division 11 Unit Review		Interpret multiplication as scaling. Explain how multiplying two fractions or multiplying a fraction and a whole number affects the size of the product. Divide whole numbers by unit fractions and unit fractions by whole numbers.

		Use models and equations to multiply a whole number or a fraction by a fraction. Explain and give examples of different interpretations of fractions. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Solve real-world problems involving multiplication of fractions and mixed numbers.
Fractions: Multiplication & Division 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Fractions: Multiplication & Division 13 Unit Checkpoint		
Fractions: Multiplication & Division 14 Extended Problems: Reasoning		Explain how multiplying two fractions or multiplying a fraction and a whole number affects the size of the product. Divide whole numbers by unit fractions and unit fractions by whole numbers. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Solve real-world problems involving multiplication of fractions and mixed numbers. Analyze complex problems using mathematical knowledge and skills. Use models and equations to multiply a whole number or a fraction by a fraction.
Problems Involving Fractions Fraction Multiplication Story Problems (A)	5.NF.6	Solve a story problem involving multiplication or division of fractions. Solve real-world problems involving multiplication of fractions and mixed numbers. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder. Multiply fractions and explain a step-by-step approach.
Problems Involving Fractions Fraction Multiplication Story Problems (B)	5.NF.6	Solve real-world problems involving multiplication of fractions and mixed numbers. Multiply fractions and explain a step-by-step approach.
Problems Involving Fractions Add and Subtract Fractions (A)	5.NF.1	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving	5.NF.1	Solve a simple problem involving addition or subtraction of fractions.

Fractions Add and Subtract Fractions (B)		
Problems Involving Fractions Add and Subtract Fractions (C)	5.NF.1	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Add and Subtract Fractions (D)	5.NF.1 5.NF.2	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Core Focus		Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Unit Review		Solve a simple problem involving addition or subtraction of fractions. Solve real-world problems involving multiplication of fractions and mixed numbers.
Problems Involving Fractions 9 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Problems Involving Fractions 1 Unit Checkpoint		
Problems Involving Fractions 1 Extended Problems: Real-World Application		Solve real-world problems involving multiplication of fractions and mixed numbers. Represent a data set of measurements in fractions of a unit on a line plot (limited to 1/2, 1/4, and 1/8). Apply mathematical knowledge and skills to evaluate and analyze real-world situations. Solve problems involving addition of fractions using information recorded in line plots (limited to 1/2, 1/4, and 1/8). Solve a simple problem involving addition or subtraction of fractions. Solve problems involving subtraction of fractions using information recorded in line plots (limited to 1/2, 1/4, and 1/8).
Decimals: Addition and Subtraction 1 Compare Decimals	5.NBT.1 5.NBT.3	Compare decimal numbers. Identify decimal place values through thousandths. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder.
Decimals: Addition and Subtraction 2 Compare and Expand Decimals	5.NBT.1 5.NBT.3	Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Read, write, compare, and order decimals to thousandths. Write decimals in expanded form.

Decimals: Addition and Subtraction 3 Order Three Decimal Numbers		Determine whether addition, subtraction, multiplication, or division is the appropriate operation to use to solve a story problem and solve the problem. Solve problems by using combinations of coins and bills. Demonstrate an understanding of how addition and subtraction affect whole numbers. Determine a missing number in an equation or an inequality. Compare decimal numbers. Order three or more decimal numbers.
Decimals: Addition and Subtraction 4 Roun Decimals Through Hundredths	5.NBT.4	Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of addition facts with sums through 20. Round a decimal number to any place through hundredths.
Decimals: Addition and Subtraction 5 (Optional) Your Choice	5.NBT.7	Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Decimals: Addition and Subtraction 6 Decimal Addition	5.NBT.7	Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Identify decimal place values through thousandths.
Decimals: Addition and Subtraction 7 Decimal Subtraction	5.NBT.7	Add or subtract decimals to hundredths, using models or drawings and strategies based on place value.
Decimals: Addition and Subtraction 8 Solve Story Problems with Decimals	5.NBT.7	Solve a story problem involving addition or subtraction of decimal numbers. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value.
Decimals: Addition and Subtraction 9 Estimate Decimal Sums and Differences	5.NBT.7	Estimate the sum or difference in a problem involving decimal numbers. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Round a decimal number.
Decimals: Addition and Subtraction 10 Core Focus		Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Round a decimal number to any place through hundredths. Estimate the sum or difference of positive decimal numbers. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value.

		Solve an addition or subtraction problem involving decimal numbers.
Decimals: Addition and Subtraction 11 Unit Review		Compare decimal numbers. Write decimals in expanded form. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Order three or more decimal numbers. Solve a story problem involving addition or subtraction of decimal numbers. Estimate the sum or difference in a problem involving decimal numbers. Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Round a decimal number to any place through hundredths. Read, write, compare, and order decimals to thousandths.
Decimals: Addition and Subtraction 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Decimals: Addition and Subtraction 13 Unit Checkpoint		
Decimals: Addition and Subtraction 14 Extended Problems: Reasoning		Solve a story problem involving addition or subtraction of decimal numbers. Verify that the calculated result of a problem involving addition or subtraction of decimal numbers is reasonable. Solve an addition or subtraction problem involving decimal numbers. Analyze complex problems using mathematical knowledge and skills. Demonstrate how and when to use the distributive property. Round a decimal number to any place up to hundredths.
Decimals: Multiplication and Division 1 Multiply and Divide by Powers of 10	5.NBT.3.	Estimate or calculate a product or a quotient in a whole-number problem. Multiply or divide by a multiple or power of 10.
Decimals: Multiplication and Division 2 Expand and Compare Decimal Numbers	5.NBT.2 5.NBT.4 5.NBT.7	Write decimals in expanded form. Identify decimal place values through thousandths. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder. Compare decimal numbers.
Decimals: Multiplication and Division 3 Round to	5.NBT.2 5.NBT.4 5.NBT.7	Round numbers through 10,000. Use place value to round decimals to any place. Estimate the product or quotient of a computation problem involving

Estimate Decimal Products and Quotients		decimal numbers. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality.
Decimals: Multiplication and Division 4 Multiply and Divide Decimals (A)		Estimate the sum or difference in a problem involving decimal numbers. Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a sum or a difference in a whole-number problem. Solve a story problem involving multiplication or division of fractions. Estimate or calculate a product or quotient in a whole-number story problem. Solve a multiplication or division problem that involves decimal numbers. Estimate or calculate a product or a quotient in a whole-number problem.
Decimals: Multiplication and Division 5 Multiply and Divide Decimals (B)		Estimate or calculate a product or a quotient in a whole-number problem. Solve a multiplication or division problem that involves decimal numbers.
Decimals: Multiplication and Division 6 Multiply and Divide Decimals (C)		Solve a multiplication or division problem that involves decimal numbers. Verify that the calculated result of a problem involving multiplication or division of decimal numbers is reasonable. Demonstrate automatic recall of multiplication facts. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of addition facts with sums through 20.
Decimals: Multiplication and Division 7 Compute Decimal Story Problems (A)		Solve a multiplication or division problem that involves decimal numbers. Solve a story problem that involves multiplication or division of decimal numbers.
Decimals: Multiplication and Division 8 Compute Decimal Story Problems (B)		Solve a multiplication or division problem that involves decimal numbers. Solve a story problem that involves multiplication or division of decimal numbers.
Decimals: Multiplication and		Solve a story problem that involves multiplication or division of

Division 9 Compute Decimal Story Problems (C)		decimal numbers.
Decimals: Multiplication and Division 10 Core Focus		Read, write, compare, and order decimals to thousandths. Estimate the product or quotient of a computation problem involving decimal numbers. Use place value to round decimals to any place.
Decimals: Multiplication and Division 11 Unit Review		Solve a multiplication or division problem that involves decimal numbers. Solve a story problem that involves multiplication or division of decimal numbers. Use place value to round decimals to any place. Estimate the product or quotient of a computation problem involving decimal numbers. Multiply or divide by a multiple or power of 10. Verify that the calculated result of a problem involving multiplication or division of decimal numbers is reasonable. Write decimals in expanded form. Compare decimal numbers.
Decimals: Multiplication and Division 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Decimals: Multiplication and Division 13 Unit Checkpoint		
Decimals: Multiplication and Division 14 Extended Problems: Real-World Application		Multiply or divide by a multiple or power of 10. Solve a story problem involving addition or subtraction of decimal numbers. Compare decimal numbers. Solve a story problem that requires finding rectangular area. Use place value to round decimals to any place. Apply mathematical knowledge and skills to evaluate and analyze real-world situations. Solve simple put-together problems using information from a bar graph. Estimate the product or quotient of a computation problem involving decimal numbers. Organize or display data using tables, bar graphs, line graphs or pictographs. Solve a story problem that involves multiplication or division of decimal numbers.

		Represent and compute a power by using repeated multiplication. Solve a multiplication or division problem that involves decimal numbers. Read, write, compare, and order decimals to thousandths. Solve real-world problems involving multiplication of fractions and mixed numbers. Estimate or calculate a product or quotient in a whole-number story problem. Solve a problem that involves powers. Identify, measure, and draw angles with appropriate math tools. Write decimals in expanded form. Solve real-world problems involving multiplication of fractions and mixed numbers. Round whole numbers in a story problem. Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Round a decimal number to any place through hundredths. Order three or more decimal numbers. Divide whole numbers by unit fractions and unit fractions by whole numbers. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Define and sketch different types of triangles and identify their attributes. Estimate the sum or difference in a problem involving decimal numbers. Interpret multiplication as scaling. Classify two-dimensional figures in a hierarchy based on their properties. Fluently multiply multidigit whole numbers using the standard algorithm. Multiply or divide by a multiple or power of 10. Compare decimal numbers. Estimate or calculate a sum or a difference in a whole-number problem. Estimate or calculate a product or a quotient in a whole-number problem. Solve a simple problem involving addition or subtraction of fractions. Solve a story problem involving addition or subtraction of decimal numbers. Estimate the product or quotient of a computation problem involving decimal numbers. Verify that the calculated result of a problem involving multiplication or division of decimal numbers is reasonable. Solve multistep story problems using multiple operations. Use models and equations to multiply a whole number or a fraction by a fraction. Use place value to round decimals to any place. Know how to define and sketch different quadrilaterals.
Semester Review and Checkpoint 1 Semester Review		

		Estimate or calculate a sum or a difference in a whole-number story problem. Identify and draw perpendicular or parallel lines with appropriate math tools. Solve a story problem that involves multiplication or division of decimal numbers. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Identify and represent decimal numbers, fractions, mixed numbers, and positive and negative integers on a number line. Solve a problem involving addition or subtraction of integers.
Semester Review and Checkpoint 2 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Semester Review and Checkpoint 3 Semester Checkpoint 1		
Semester Review and Checkpoint 4 Semester Checkpoint 2		Read, write, compare, and order decimals to thousandths. Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Know how to define and sketch different quadrilaterals.
Algebra 1 Understand Variables in Algebra (A)		Use a letter to represent an unknown value in an expression or an equation.
Algebra 2 Understand Variables in Algebra (B)		Use a letter to represent an unknown value in an expression or an equation. Solve a problem that involves powers. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Solve a simple problem involving addition or subtraction of fractions. Estimate or calculate a product or a quotient in a whole-number problem. Recognize and determine equivalent fractions.
Algebra (Optional)		Identify and master skills and tasks from earlier in the course that have

Your Choice		not yet been mastered.
Algebra Evaluate Numerical Expressions	5.OA.1 5.OA.2.	
Algebra Create and Interpret Numerical Expressions	5.OA.1 5.OA.2.	
Algebra One Variable in Algebraic Expressions		Evaluate a simple algebraic expression in one variable by using substitution.
Algebra (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Algebra Expression and Equation Problems (A)		Identify or use an expression or an equation to answer questions about a problem.
Algebra Expression and Equation Problems (B)		Identify or use an expression or an equation to answer questions about a problem.
Algebra 10 Expression and Equation Problems (C)		Identify or use an expression or an equation to answer questions about a problem.
Algebra 1 Core Focus		
Algebra 1 Unit Review		
Algebra 13 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Algebra 1 Unit Checkpoint		
Algebra 1 Extended Problems: Real-World Application		
Coordinate Planes 1 Quadrants in the Coordinate Plane	5.G.1	Identify and graph ordered pairs in all quadrants of a coordinate plane. Find distance between points on a coordinate grid with same first coordinate or same second coordinate. Draw a polygon on a coordinate grid when given coordinates of vertices.

		Solve word problems involving graphs of points on a coordinate plane.
Coordinate Planes 2 Ordered Pairs	5.G.1	Use the situation presented in a problem to describe the meaning of each coordinate of an ordered pair displayed on a graph.
Coordinate Planes 3 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Coordinate Planes 4 Graph or Write an Equation (A)	5.OA.3.	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 5 Graph or Write an Equation (B)	5.OA.3.	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 6 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Coordinate Planes 7 Graph or Write an Equation (C)	5.OA.3. 5.G.2	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 8 Graph or Write an Equation (D)	5.OA.3. 5.G.2	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 9 Core Focus		
Coordinate Planes 1 Unit Review		
Coordinate Planes 1 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Coordinate Planes 1 Unit Checkpoint		
Coordinate Planes 1 Extended Problems: Real-World Application		
1 Perimeter, Area, and Volume Find the Perimeter of Plane Figures		Use a formula to find the perimeter of a rectangle or a square. Determine the perimeter of a plane figure and use appropriate units.

1 Perimeter, Area, and Volume Nets, Solids, and Surface Area		Construct a cube or a rectangular box from a two-dimensional pattern and determine the surface area.
1 Perimeter, Area, and Volume 3 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Perimeter, Area, and Volume Area of Irregular Shapes		Use squares to approximate the area of an irregular shape.
1 Perimeter, Area, and Volume How Many Cubes Does It Take?	5.MD.3 5.MD.4	Estimate or determine the number of cubes required to fill a solid figure.
1 Perimeter, Area, and Volume Volume of Solid Figures (A)	5.MD.3 5.MD.4 5.MD.5	Explain and determine the volume of a solid figure and use appropriate units.
1 Perimeter, Area, and Volume Volume of Solid Figures (B)	5.MD.3 5.MD.5	992 Explain and determine the volume of a solid figure and use appropriate units.
1 Perimeter, Area, and Volume 8 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Perimeter, Area, and Volume Units of Perimeter, Area, and Volume		Differentiate among appropriate units to measure perimeter, area, and volume.
1 Perimeter, Area, and Volume 1 Core Focus		
1 Perimeter, Area, and Volume 1 Unit Review		
1 Perimeter, Area, and Volume 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Perimeter, Area,		

and Volume 1 Unit Checkpoint		
1 Perimeter, Area, and Volume 14 Extended Problems: Reasoning		
1 Math Reasoning: Methods and Strategies Steps to Solve Story Problems (A)		Prioritize and sequence the information in a story problem that involves multiplication or division of decimal numbers.
1 Math Reasoning: Methods and Strategies Steps to Solve Story Problems (B)		Prioritize and sequence the information in a story problem that involves multiplication or division of decimal numbers.
1 Math Reasoning: Methods and Strategies Break Down Multistep Problems		Determine when and how to break a multistep whole-number story problem or money problem into simpler parts.
1 Math Reasoning: Methods and Strategies 4 Mathematical Reasoning Methods (A)		Use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams, and models, to explain mathematical reasoning in nonroutine or complex problems.
1 Math Reasoning: Methods and Strategies 5 Mathematical Reasoning Methods (B)		Use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams, and models, to explain mathematical reasoning in nonroutine or complex problems.
1 Math Reasoning: Methods and Strategies (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Methods and		Identify and generalize methods for solving problems that are similar to each other.

Strategies Choose and Use Strategies (A)		
1 Math Reasoning: Methods and Strategies Choose and Use Strategies (B)		Identify and generalize methods for solving problems that are similar to each other.
1 Math Reasoning: Methods and Strategies Choose and Use Strategies (C)		Identify and generalize methods for solving problems that are similar to each other.
1 Math Reasoning: Methods and Strategies 1 Solve Simple to Complex Problems (A)		Apply strategies and results from simple story problems involving fractions to more complex problems.
1 Math Reasoning: Methods and Strategies 1 Solve Simple to Complex Problems (B)		Apply strategies and results from simple story problems involving fractions to more complex problems.
1 Math Reasoning: Methods and Strategies 1 Core Focus		
1 Math Reasoning: Methods and Strategies 1 Unit Review		
1 Math Reasoning: Methods and Strategies 14 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Methods and Strategies 1 Unit Checkpoint		
1 Math Reasoning: Methods and Strategies 16		

Extended Problems: Reasoning		
1 Math Reasoning: Solutions Solve Problems Logically		Express clear and logical solutions to equal-measures problems and rate problems.
1 Math Reasoning: Solutions Estimation and Reasonable Answers		Express clear and logical solutions to equal-measures problems and rate problems.
1 Math Reasoning: Solutions (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Solutions Change Measurement	5.MD.1	Solve a measurement-conversion problem by using multiplication or division.
1 Math Reasoning: Solutions 5 Measurements in Story Problems	5.MD.1	Solve a story problem involving equal measures.
1 Math Reasoning: Solutions (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Solutions Decimal Solutions		Explain the advantages of exact solutions and approximate solutions to problems involving addition or subtraction of decimal numbers, and give answers to a specified degree of accuracy, such as hundredths. Make precise calculations and use the situation presented in a problem involving decimal-number operations to check the validity of the result.
1 Math Reasoning: Solutions 8 Reasonable Solutions		Evaluate whether a solution for a problem is reasonable.
1 Math Reasoning: Solutions Core Focus		
1 Math Reasoning: Solutions 1 Unit Review		
1 Math Reasoning: Solutions 11		Identify and master skills and tasks from earlier in the course that have

(Optional) Your Choice		not yet been mastered.
1 Math Reasoning: Solutions 1 Unit Checkpoint		
1 Math Reasoning: Solutions 1 Extended Problems: Real-World Application		
1 Data Analysis and Representation 1 Organize Data to Draw Histograms (A)		Organize and display single-variable data in a histogram.
1 Data Analysis and Representation 2 Organize Data to Draw Histograms (B)		Organize and display single-variable data in a histogram.
1 Data Analysis and Representation 3 Create Circle Graphs		Organize and display single-variable data in a circle graph.
1 Data Analysis and Representation 4 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Data Analysis and Representation 5 Line Plots (A)	5.MD.2.	Use operations on fractions to solve problems involving information presented in line plots.
1 Data Analysis and Representation 6 Line Plots (B)	5.MD.2.	Use operations on fractions to solve problems involving information presented in line plots.
1 Data Analysis and Representation 7 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Data Analysis and Representation 8 Interpret Graphs and Tables		Interpret information displayed in a graph or table.
1 Data Analysis and Representation 9		Use fractions and percents to compare different data sets.

Fractions, Percents, and Graphs		
1 Data Analysis and Representation 10 Choose an Appropriate Graph		Explain which types of graphs are appropriate for various data sets.
1 Data Analysis and Representation 11 Core Focus		
1 Data Analysis and Representation 12 Unit Review		
1 Data Analysis and Representation 13 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Data Analysis and Representation 14 Unit Checkpoint		
1 Data Analysis and Representation 15 Extended Problems: Reasoning		
1 Semester Review and Assessment 1 Semester Review		
1 Semester Review and Assessment 2 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Semester Review and Assessment 3 Semester Checkpoint 1		
1 Semester Review and Assessment 4 Semester Checkpoint 2		
Whole Numbers and		Round whole numbers in a story problem.

Powers Round Whole Numbers in Story Problems		Round a whole number. Identify and explain when rounding is useful. Represent and compute a power by using repeated multiplication. Solve a problem that involves powers. Estimate or calculate a sum or a difference in a whole-number problem. Estimate or calculate a product or a quotient in a whole-number problem. Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a product or quotient in a whole-number story problem.
Whole Numbers and Powers Estimate and Find Sums and Differences		Demonstrate automatic recall of addition facts with sums through 20. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Explain and apply standard step-by-step approaches for subtraction. Estimate sums and differences on a number line. Explain and apply standard step-by-step approaches for addition. Estimate or calculate a sum or a difference in a whole-number problem.
Whole Numbers and Powers Estimate Sums and Differences (A)		Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a sum or a difference in a whole-number problem. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result.
Whole Numbers and Powers Estimate Sums and Differences (B)		Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a sum or a difference in a whole-number problem. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result.
Whole Numbers and Powers Multiply Whole Numbers	5.NBT.5	Fluently multiply multidigit whole numbers using the standard algorithm. Explain and apply standard step-by-step approaches for multiplication.
Whole Numbers and Powers Divide Whole Numbers	5.NBT.6	Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality. Explain and apply standard step-by-step approaches for division of a multidigit number by a 1- or 2-digit divisor. Solve with proficiency for quotients of up to a four-digit dividend by a

		two-digit divisor using the standard algorithm.
Whole Numbers and Powers Solve Story Problems	5.NBT.5 5.NBT.6	Fluently multiply multidigit whole numbers using the standard algorithm. Determine whether multiplication or division is the appropriate operation to use to solve a story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies.
Whole Numbers and Powers Multistep Story Problems	5.NBT.5 5.NBT.6	Determine which operations are appropriate to use to solve a multi-step story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Fluently multiply multidigit whole numbers using the standard algorithm. Solve multistep story problems using multiple operations. Analyze a story problem by identifying the question, recognizing relevant information, and developing a solution strategy. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder.
Whole Numbers and Powers Place-Value Patterns	5.NBT.1	Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.
Whole Numbers and Powers 1 Bases and Exponents (A)		Represent and compute a power by using repeated multiplication.
Whole Numbers and Powers 1 Bases and Exponents (B)		Represent and compute a power by using repeated multiplication.
Whole Numbers and Powers 1 Core Focus		Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Fluently multiply multidigit whole numbers using the standard algorithm. Solve multistep story problems using multiple operations. Determine which operations are appropriate to use to solve a multi-step story problem.
Whole Numbers and Powers 1 Unit Review		Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Represent and compute a power by using repeated multiplication. Estimate or calculate a sum or a difference in a whole-number problem. Fluently multiply multidigit whole numbers using the standard algorithm. Estimate or calculate a sum or a difference in a whole-number story

		problem. Solve multistep story problems using multiple operations. Solve a problem that involves powers. Round whole numbers in a story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using the standard algorithm.
Whole Numbers and Powers 1 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Whole Numbers and Powers 1 Unit Checkpoint		
Whole Numbers and Powers 1 Extended Problems: Reasoning		Fluently multiply multidigit whole numbers using the standard algorithm. Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Solve a problem that involves powers. Analyze complex problems using mathematical knowledge and skills.
Geometry Angles (A)		Identify and draw perpendicular or parallel lines with appropriate math tools. Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Predict, describe, and perform transformations on two-dimensional shapes. Identify or draw a two-dimensional view of a three-dimensional object. Construct rectangles or triangles with appropriate math tools. Identify, measure, and draw angles with appropriate math tools. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Demonstrate understanding of relative angle measures. State and recognize the definitions of a right angle, an acute angle, an obtuse angle, and a straight angle.
Geometry 2 Angles (B)		Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder. Identify, measure, and draw angles with appropriate math tools. Demonstrate understanding of relative angle measures.
Geometry 3 Perpendicular and		Identify lines that are perpendicular. Identify lines that are parallel or intersecting.

Parallel Lines		Identify and draw perpendicular or parallel lines with appropriate math tools.
Geometry Identify and Classify Triangles	5.G.3	Demonstrate automatic recall of addition facts with sums through 20. Demonstrate automatic recall of subtraction facts with minuends through 20. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of multiplication facts. Identify attributes of isosceles, equilateral, and right triangles. Define and sketch different types of triangles and identify their attributes. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category.
Geometry Identify and Classify Quadrilaterals (A)	5.G.3. 5.G.4	Determine the answer to a story problem to a specific degree of accuracy, such as hundredths. Estimate and measure the length of an object to the nearest centimeter. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Classify two-dimensional figures in a hierarchy based on their properties. Know how to define and sketch different quadrilaterals.
Geometry Identify and Classify Quadrilaterals (B)	5.G.3. 5.G.4	Classify two-dimensional figures in a hierarchy based on their properties. Know how to define and sketch different quadrilaterals. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Identify attributes of parallelograms, rectangles, and squares.
Geometry Identify and Classify Quadrilaterals (C)	5.G.3. 5.G.4	Draw or identify a triangle or a quadrilateral on the basis of a given description. Classify two-dimensional figures in a hierarchy based on their properties. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Identify attributes of parallelograms, rectangles, and squares.
Geometry 8 Construct Triangles and Quadrilaterals		Construct rectangles or triangles with appropriate math tools. Know how to define and sketch different quadrilaterals. Define and sketch different types of triangles and identify their attributes.
Geometry Angles and Triangles (A)		Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Define and sketch different types of triangles and identify their attributes. Identify attributes of isosceles, equilateral, and right triangles. Use objects or sketches to solve a story problem that involves addition

		or subtraction of fractions. Identify the diameter and radius of a circle. Order three or more decimal numbers. Estimate the length of a line segment to the nearest inch or centimeter.
Geometry 1 Angles and Triangles (B)		Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Define and sketch different types of triangles and identify their attributes. Identify attributes of isosceles, equilateral, and right triangles.
Geometry 1 Angles in a Quadrilateral (A)		Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Demonstrate automatic recall of addition facts with sums through 20. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Use the inverse relationship of multiplication and division to compute and check results. Identify attributes of parallelograms, rectangles, and squares. Know how to define and sketch different quadrilaterals.
Geometry 1 Angles in a Quadrilateral (B)		Identify attributes of parallelograms, rectangles, and squares. Know how to define and sketch different quadrilaterals. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems.
Geometry 1 Core Focus		Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Classify two-dimensional figures in a hierarchy based on their properties. Know how to define and sketch different quadrilaterals. Define and sketch different types of triangles and identify their attributes.
Geometry 1 Unit Review		Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Define and sketch different types of triangles and identify their attributes. Identify and draw perpendicular or parallel lines with appropriate math tools. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Identify, measure, and draw angles with appropriate math tools. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Know how to define and sketch different quadrilaterals. Classify two-dimensional figures in a hierarchy based on their properties.

Geometry 15 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Geometry 1 Unit Checkpoint		
Geometry 17 Extended Problems: Real-World Application		Define and sketch different types of triangles and identify their attributes. Classify two-dimensional figures in a hierarchy based on their properties. Partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole. Know how to define and sketch different quadrilaterals. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Solve multistep story problems using multiple operations. Apply mathematical knowledge and skills to evaluate and analyze real-world situations.
Fractions: Multiplication & Division 1 Fraction Multiplication (A)	5.NF.4	Use models and equations to multiply a whole number or a fraction by a fraction. Recognize and determine equivalent fractions. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality.
Fractions: Multiplication & Division 2 Fraction Multiplication (B)	5.NF.4	Use models and equations to multiply a whole number or a fraction by a fraction.
Fractions: Multiplication & Division 3 Fraction Multiplication (C)	5.NF.4	Use models and equations to multiply a whole number or a fraction by a fraction. Recognize and determine equivalent fractions.
Fractions: Multiplication & Division 4 Fraction Multiplication (D)	5.NF.4 5.NF.6.	Use models and equations to multiply a whole number or a fraction by a fraction.
Fractions: Multiplication & Division 5 Multiplication as Scaling	5.NF.5	Explain why multiplying a given number by a positive fraction less than 1 results in a product smaller than the given number. Interpret multiplication as scaling. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Explain why multiplying a given number by a fraction greater than 1 results in a product greater than the given number.
Fractions:	5.NF.3	Explain and give examples of different interpretations of fractions. Divide whole numbers by unit fractions and unit fractions by whole

Multiplication & Division 6 Fractions as Division Problems		numbers.
Fractions: Multiplication & Division 7 Fraction Division (A)	5.NF.7	Divide whole numbers by unit fractions and unit fractions by whole numbers. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of multiplication facts. Demonstrate automatic recall of addition facts with sums through 20. Demonstrate automatic recall of subtraction facts with minuends through 20.
Fractions: Multiplication & Division 8 Fraction Division (B)	5.NF.7	Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Multiply a fraction by a whole number to solve a story problem. Divide whole numbers by unit fractions and unit fractions by whole numbers.
Fractions: Multiplication & Division 9 Fraction Division (C)	5.NF.7	Divide whole numbers by unit fractions and unit fractions by whole numbers.
Fractions: Multiplication & Division 10 Core Focus		Use models and equations to multiply a whole number or a fraction by a fraction. Solve real-world problems involving multiplication of fractions and mixed numbers.
Fractions: Multiplication & Division 11 Unit Review		Interpret multiplication as scaling. Explain how multiplying two fractions or multiplying a fraction and a whole number affects the size of the product. Divide whole numbers by unit fractions and unit fractions by whole numbers. Use models and equations to multiply a whole number or a fraction by a fraction. Explain and give examples of different interpretations of fractions. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Solve real-world problems involving multiplication of fractions and mixed numbers.
Fractions: Multiplication & Division 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.

Fractions: Multiplication & Division 13 Unit Checkpoint		
Fractions: Multiplication & Division 14 Extended Problems: Reasoning		Explain how multiplying two fractions or multiplying a fraction and a whole number affects the size of the product. Divide whole numbers by unit fractions and unit fractions by whole numbers. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Solve real-world problems involving multiplication of fractions and mixed numbers. Analyze complex problems using mathematical knowledge and skills. Use models and equations to multiply a whole number or a fraction by a fraction.
Problems Involving Fractions Fraction Multiplication Story Problems (A)	5.NF.6	Solve a story problem involving multiplication or division of fractions. Solve real-world problems involving multiplication of fractions and mixed numbers. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder. Multiply fractions and explain a step-by-step approach.
Problems Involving Fractions Fraction Multiplication Story Problems (B)	5.NF.6	Solve real-world problems involving multiplication of fractions and mixed numbers. Multiply fractions and explain a step-by-step approach.
Problems Involving Fractions Add and Subtract Fractions (A)	5.NF.1	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Add and Subtract Fractions (B)	5.NF.1	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Add and Subtract Fractions (C)	5.NF.1	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Add and Subtract Fractions (D)	5.NF.1 5.NF.2.	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Core Focus		Solve a simple problem involving addition or subtraction of fractions.
Problems Involving		Solve a simple problem involving addition or subtraction of fractions.

Fractions Unit Review		Solve real-world problems involving multiplication of fractions and mixed numbers.
Problems Involving Fractions (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Problems Involving Fractions 1 Unit Checkpoint		
Problems Involving Fractions 1 Extended Problems: Real-World Application		Solve real-world problems involving multiplication of fractions and mixed numbers. Represent a data set of measurements in fractions of a unit on a line plot (limited to 1/2, 1/4, and 1/8). Apply mathematical knowledge and skills to evaluate and analyze real-world situations. Solve problems involving addition of fractions using information recorded in line plots (limited to 1/2, 1/4, and 1/8). Solve a simple problem involving addition or subtraction of fractions. Solve problems involving subtraction of fractions using information recorded in line plots (limited to 1/2, 1/4, and 1/8).
Decimals: Addition and Subtraction 1 Compare Decimals	5.NBT.1 5.NBT.3	Compare decimal numbers. Identify decimal place values through thousandths. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder.
Decimals: Addition and Subtraction 2 Compare and Expand Decimals	5.NBT.1 5.NBT.3	Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Read, write, compare, and order decimals to thousandths. Write decimals in expanded form.
Decimals: Addition and Subtraction 3 Order Three Decimal Numbers		Determine whether addition, subtraction, multiplication, or division is the appropriate operation to use to solve a story problem and solve the problem. Solve problems by using combinations of coins and bills. Demonstrate an understanding of how addition and subtraction affect whole numbers. Determine a missing number in an equation or an inequality. Compare decimal numbers. Order three or more decimal numbers.
Decimals: Addition and Subtraction 4 Roun Decimals Through Hundredths	5.NBT.4	Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of addition facts with sums through 20.

		Round a decimal number to any place through hundredths.
Decimals: Addition and Subtraction 5 (Optional) Your Choice	5.NBT.7	Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Decimals: Addition and Subtraction 6 Decimal Addition	5.NBT.7	Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Identify decimal place values through thousandths.
Decimals: Addition and Subtraction 7 Decimal Subtraction	5.NBT.7	Add or subtract decimals to hundredths, using models or drawings and strategies based on place value.
Decimals: Addition and Subtraction 8 Solve Story Problems with Decimals	5.NBT.7	Solve a story problem involving addition or subtraction of decimal numbers. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value.
Decimals: Addition and Subtraction 9 Estimate Decimal Sums and Differences	5.NBT.7	Estimate the sum or difference in a problem involving decimal numbers. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Round a decimal number.
Decimals: Addition and Subtraction 10 Core Focus		Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Round a decimal number to any place through hundredths. Estimate the sum or difference of positive decimal numbers. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Solve an addition or subtraction problem involving decimal numbers.
Decimals: Addition and Subtraction 11 Unit Review		Compare decimal numbers. Write decimals in expanded form. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Order three or more decimal numbers. Solve a story problem involving addition or subtraction of decimal numbers. Estimate the sum or difference in a problem involving decimal numbers. Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Round a decimal number to any place through hundredths.

		Read, write, compare, and order decimals to thousandths.
Decimals: Addition and Subtraction 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Decimals: Addition and Subtraction 13 Unit Checkpoint		
Decimals: Addition and Subtraction 14 Extended Problems: Reasoning		Solve a story problem involving addition or subtraction of decimal numbers. Verify that the calculated result of a problem involving addition or subtraction of decimal numbers is reasonable. Solve an addition or subtraction problem involving decimal numbers. Analyze complex problems using mathematical knowledge and skills. Demonstrate how and when to use the distributive property. Round a decimal number to any place up to hundredths.
Decimals: Multiplication and Division 1 Multiply and Divide by Powers of 10	5.NBT.3 5.NBT.4 5.NBT.7	Estimate or calculate a product or a quotient in a whole-number problem. Multiply or divide by a multiple or power of 10.
Decimals: Multiplication and Division 2 Expand and Compare Decimal Numbers	5.NBT.2 5.NBT.4 5.NBT.7	Write decimals in expanded form. Identify decimal place values through thousandths. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder. Compare decimal numbers.
Decimals: Multiplication and Division 3 Round to Estimate Decimal Products and Quotients	5.NBT.2 5.NBT.4 5.NBT.7	Round numbers through 10,000. Use place value to round decimals to any place. Estimate the product or quotient of a computation problem involving decimal numbers. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality.
Decimals: Multiplication and Division 4 Multiply and Divide Decimals (A)		Estimate the sum or difference in a problem involving decimal numbers. Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a sum or a difference in a whole-number problem. Solve a story problem involving multiplication or division of fractions. Estimate or calculate a product or quotient in a whole-number story problem. Solve a multiplication or division problem that involves decimal numbers.

		Estimate or calculate a product or a quotient in a whole-number problem.
Decimals: Multiplication and Division 5 Multiply and Divide Decimals (B)		Estimate or calculate a product or a quotient in a whole-number problem. Solve a multiplication or division problem that involves decimal numbers.
Decimals: Multiplication and Division 6 Multiply and Divide Decimals (C)		Solve a multiplication or division problem that involves decimal numbers. Verify that the calculated result of a problem involving multiplication or division of decimal numbers is reasonable. Demonstrate automatic recall of multiplication facts. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of addition facts with sums through 20.
Decimals: Multiplication and Division 7 Compute Decimal Story Problems (A)		Solve a multiplication or division problem that involves decimal numbers. Solve a story problem that involves multiplication or division of decimal numbers.
Decimals: Multiplication and Division 8 Compute Decimal Story Problems (B)		Solve a multiplication or division problem that involves decimal numbers. Solve a story problem that involves multiplication or division of decimal numbers.
Decimals: Multiplication and Division 9 Compute Decimal Story Problems (C)		Solve a story problem that involves multiplication or division of decimal numbers.
Decimals: Multiplication and Division 10 Core Focus		Read, write, compare, and order decimals to thousandths. Estimate the product or quotient of a computation problem involving decimal numbers. Use place value to round decimals to any place.
Decimals: Multiplication and Division 11 Unit Review		Solve a multiplication or division problem that involves decimal numbers. Solve a story problem that involves multiplication or division of decimal numbers. Use place value to round decimals to any place. Estimate the product or quotient of a computation problem involving

		decimal numbers. Multiply or divide by a multiple or power of 10. Verify that the calculated result of a problem involving multiplication or division of decimal numbers is reasonable. Write decimals in expanded form. Compare decimal numbers.
Decimals: Multiplication and Division 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Decimals: Multiplication and Division 13 Unit Checkpoint		
Decimals: Multiplication and Division 14 Extended Problems: Real-World Application		Multiply or divide by a multiple or power of 10. Solve a story problem involving addition or subtraction of decimal numbers. Compare decimal numbers. Solve a story problem that requires finding rectangular area. Use place value to round decimals to any place. Apply mathematical knowledge and skills to evaluate and analyze real-world situations. Solve simple put-together problems using information from a bar graph. Estimate the product or quotient of a computation problem involving decimal numbers. Organize or display data using tables, bar graphs, line graphs or pictographs. Solve a story problem that involves multiplication or division of decimal numbers.
Semester Review and Checkpoint 1 Semester Review		Represent and compute a power by using repeated multiplication. Solve a multiplication or division problem that involves decimal numbers. Read, write, compare, and order decimals to thousandths. Solve real-world problems involving multiplication of fractions and mixed numbers. Estimate or calculate a product or quotient in a whole-number story problem. Solve a problem that involves powers. Identify, measure, and draw angles with appropriate math tools. Write decimals in expanded form. Solve real-world problems involving multiplication of fractions and mixed numbers. Round whole numbers in a story problem. Identify that the sum of the interior angles of any triangle is 180º and

		solve related problems. Round a decimal number to any place through hundredths. Order three or more decimal numbers. Divide whole numbers by unit fractions and unit fractions by whole numbers. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Define and sketch different types of triangles and identify their attributes. Estimate the sum or difference in a problem involving decimal numbers. Interpret multiplication as scaling. Classify two-dimensional figures in a hierarchy based on their properties. Fluently multiply multidigit whole numbers using the standard algorithm. Multiply or divide by a multiple or power of 10. Compare decimal numbers. Estimate or calculate a sum or a difference in a whole-number problem. Estimate or calculate a product or a quotient in a whole-number problem. Solve a simple problem involving addition or subtraction of fractions. Solve a story problem involving addition or subtraction of decimal numbers. Estimate the product or quotient of a computation problem involving decimal numbers. Verify that the calculated result of a problem involving multiplication or division of decimal numbers is reasonable. Solve multistep story problems using multiple operations. Use models and equations to multiply a whole number or a fraction by a fraction. Use place value to round decimals to any place. Know how to define and sketch different quadrilaterals. Estimate or calculate a sum or a difference in a whole-number story problem. Identify and draw perpendicular or parallel lines with appropriate math tools. Solve a story problem that involves multiplication or division of decimal numbers. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Add or subtract decimals to hundredths, using models or drawings and

		strategies based on place value. Identify and represent decimal numbers, fractions, mixed numbers, and positive and negative integers on a number line. Solve a problem involving addition or subtraction of integers.
Semester Review and Checkpoint 2 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Semester Review and Checkpoint 3 Semester Checkpoint 1		
Semester Review and Checkpoint 4 Semester Checkpoint 2		Read, write, compare, and order decimals to thousandths. Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Know how to define and sketch different quadrilaterals.
Algebra 1 Understand Variables in Algebra (A)		Use a letter to represent an unknown value in an expression or an equation.
Algebra 2 Understand Variables in Algebra (B)		Use a letter to represent an unknown value in an expression or an equation. Solve a problem that involves powers. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Solve a simple problem involving addition or subtraction of fractions. Estimate or calculate a product or a quotient in a whole-number problem. Recognize and determine equivalent fractions.
Algebra (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Algebra Evaluate Numerical Expressions	5.OA.1 5.OA.2.	
Algebra Create and Interpret Numerical Expressions	5.OA.1 5.OA.2.	
Algebra One Variable in Algebraic Expressions		Evaluate a simple algebraic expression in one variable by using substitution.
Algebra (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.

Algebra Expression and Equation Problems (A)		Identify or use an expression or an equation to answer questions about a problem.
Algebra Expression and Equation Problems (B)		Identify or use an expression or an equation to answer questions about a problem.
Algebra 10 Expression and Equation Problems (C)		Identify or use an expression or an equation to answer questions about a problem.
Algebra 1 Core Focus		
Algebra 1 Unit Review		
Algebra 13 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Algebra 1 Unit Checkpoint		
Algebra 1 Extended Problems: Real-World Application		
Coordinate Planes 1 Quadrants in the Coordinate Plane	5.G.1	Identify and graph ordered pairs in all quadrants of a coordinate plane. Find distance between points on a coordinate grid with same first coordinate or same second coordinate. Draw a polygon on a coordinate grid when given coordinates of vertices. Solve word problems involving graphs of points on a coordinate plane.
Coordinate Planes 2 Ordered Pairs	5.G.1	Use the situation presented in a problem to describe the meaning of each coordinate of an ordered pair displayed on a graph.
Coordinate Planes 3 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Coordinate Planes 4 Graph or Write an Equation (A)	5.OA.3.	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 5 Graph or Write an Equation (B)	5.OA.3.	Graph or write an equation to solve a problem that involves a linear function.

Coordinate Planes 6 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Coordinate Planes 7 Graph or Write an Equation (C)	5.OA.3. 5.G.2	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 8 Graph or Write an Equation (D)	5.OA.3. 5.G.2	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 9 Core Focus		
Coordinate Planes 1 Unit Review		
Coordinate Planes 1 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Coordinate Planes 1 Unit Checkpoint		
Coordinate Planes 1 Extended Problems: Real-World Application		
1 Perimeter, Area, and Volume Find the Perimeter of Plane Figures		Use a formula to find the perimeter of a rectangle or a square. Determine the perimeter of a plane figure and use appropriate units.
1 Perimeter, Area, and Volume Nets, Solids, and Surface Area		Construct a cube or a rectangular box from a two-dimensional pattern and determine the surface area.
1 Perimeter, Area, and Volume 3 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Perimeter, Area, and Volume Area of Irregular Shapes		Use squares to approximate the area of an irregular shape.
1 Perimeter, Area, and Volume How	5.MD.3	Estimate or determine the number of cubes required to fill a solid

Many Cubes Does It Take?	5.MD.4	figure.
1 Perimeter, Area, and Volume Volume of Solid Figures (A)	5.MD.3 5.MD.4 5.MD.5	Explain and determine the volume of a solid figure and use appropriate units.
1 Perimeter, Area, and Volume Volume of Solid Figures (B)	5.MD.3 5.MD.5	992 Explain and determine the volume of a solid figure and use appropriate units.
1 Perimeter, Area, and Volume 8 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Perimeter, Area, and Volume Units of Perimeter, Area, and Volume		Differentiate among appropriate units to measure perimeter, area, and volume.
1 Perimeter, Area, and Volume 1 Core Focus		
1 Perimeter, Area, and Volume 1 Unit Review		
1 Perimeter, Area, and Volume 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Perimeter, Area, and Volume 1 Unit Checkpoint		
1 Perimeter, Area, and Volume 14 Extended Problems: Reasoning		
1 Math Reasoning: Methods and Strategies Steps to Solve Story Problems (A)		Prioritize and sequence the information in a story problem that involves multiplication or division of decimal numbers.
1 Math Reasoning:		Prioritize and sequence the information in a story problem that

Methods and Strategies Steps to Solve Story Problems (B)		involves multiplication or division of decimal numbers.
1 Math Reasoning: Methods and Strategies Break Down Multistep Problems		Determine when and how to break a multistep whole-number story problem or money problem into simpler parts.
1 Math Reasoning: Methods and Strategies 4 Mathematical Reasoning Methods (A)		Use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams, and models, to explain mathematical reasoning in nonroutine or complex problems.
1 Math Reasoning: Methods and Strategies 5 Mathematical Reasoning Methods (B)		Use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams, and models, to explain mathematical reasoning in nonroutine or complex problems.
1 Math Reasoning: Methods and Strategies (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Methods and Strategies Choose and Use Strategies (A)		Identify and generalize methods for solving problems that are similar to each other.
1 Math Reasoning: Methods and Strategies Choose and Use Strategies (B)		Identify and generalize methods for solving problems that are similar to each other.
1 Math Reasoning: Methods and Strategies Choose and Use Strategies (C)		Identify and generalize methods for solving problems that are similar to each other.
1 Math Reasoning: Methods and		Apply strategies and results from simple story problems involving fractions to more complex problems.

Strategies 1 Solve Simple to Complex Problems (A)		
1 Math Reasoning: Methods and Strategies 1 Solve Simple to Complex Problems (B)		Apply strategies and results from simple story problems involving fractions to more complex problems.
1 Math Reasoning: Methods and Strategies 1 Core Focus		
1 Math Reasoning: Methods and Strategies 1 Unit Review		
1 Math Reasoning: Methods and Strategies 14 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Methods and Strategies 1 Unit Checkpoint		
1 Math Reasoning: Methods and Strategies 16 Extended Problems: Reasoning		
1 Math Reasoning: Solutions Solve Problems Logically		Express clear and logical solutions to equal-measures problems and rate problems.
1 Math Reasoning: Solutions Estimation and Reasonable Answers		Express clear and logical solutions to equal-measures problems and rate problems.
1 Math Reasoning: Solutions (Optional)		Identify and master skills and tasks from earlier in the course that have not yet been mastered.

Your Choice		
1 Math Reasoning: Solutions Change Measurement	5.MD.1	Solve a measurement-conversion problem by using multiplication or division.
1 Math Reasoning: Solutions 5 Measurements in Story Problems	5.MD.1	Solve a story problem involving equal measures.
1 Math Reasoning: Solutions (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Solutions Decimal Solutions		Explain the advantages of exact solutions and approximate solutions to problems involving addition or subtraction of decimal numbers, and give answers to a specified degree of accuracy, such as hundredths. Make precise calculations and use the situation presented in a problem involving decimal-number operations to check the validity of the result.
1 Math Reasoning: Solutions 8 Reasonable Solutions		Evaluate whether a solution for a problem is reasonable.
1 Math Reasoning: Solutions Core Focus		
1 Math Reasoning: Solutions 1 Unit Review		
1 Math Reasoning: Solutions 11 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Solutions 1 Unit Checkpoint		
1 Math Reasoning: Solutions 1 Extended Problems: Real-World Application		
1 Data Analysis and Representation 1 Organize Data to Draw		Organize and display single-variable data in a histogram.

Histograms (A)		
1 Data Analysis and Representation 2 Organize Data to Draw Histograms (B)		Organize and display single-variable data in a histogram.
1 Data Analysis and Representation 3 Create Circle Graphs		Organize and display single-variable data in a circle graph.
1 Data Analysis and Representation 4 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Data Analysis and Representation 5 Line Plots (A)	5.MD.2.	Use operations on fractions to solve problems involving information presented in line plots.
1 Data Analysis and Representation 6 Line Plots (B)	5.MD.2.	Use operations on fractions to solve problems involving information presented in line plots.
1 Data Analysis and Representation 7 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Data Analysis and Representation 8 Interpret Graphs and Tables		Interpret information displayed in a graph or table.
1 Data Analysis and Representation 9 Fractions, Percents, and Graphs		Use fractions and percents to compare different data sets.
1 Data Analysis and Representation 10 Choose an Appropriate Graph		Explain which types of graphs are appropriate for various data sets.
1 Data Analysis and Representation 11 Core Focus		
1 Data Analysis and Representation 12		

Unit Review		
1 Data Analysis and Representation 13 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Data Analysis and Representation 14 Unit Checkpoint		
1 Data Analysis and Representation 15 Extended Problems: Reasoning		
1 Semester Review and Assessment 1 Semester Review		
1 Semester Review and Assessment 2 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Semester Review and Assessment 3 Semester Checkpoint 1		
1 Semester Review and Assessment 4 Semester Checkpoint 2		
Whole Numbers and Powers Round Whole Numbers in Story Problems		Round whole numbers in a story problem. Round a whole number. Identify and explain when rounding is useful. Represent and compute a power by using repeated multiplication. Solve a problem that involves powers. Estimate or calculate a sum or a difference in a whole-number problem. Estimate or calculate a product or a quotient in a whole-number problem. Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a product or quotient in a whole-number story problem.
Whole Numbers and Powers Estimate		Demonstrate automatic recall of addition facts with sums through 20. Use the inverse relationship of multiplication and division to compute

and Find Sums and Differences		and check results. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Explain and apply standard step-by-step approaches for subtraction. Estimate sums and differences on a number line. Explain and apply standard step-by-step approaches for addition. Estimate or calculate a sum or a difference in a whole-number problem.
Whole Numbers and Powers Estimate Sums and Differences (A)		Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a sum or a difference in a whole-number problem. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result.
Whole Numbers and Powers Estimate Sums and Differences (B)		Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a sum or a difference in a whole-number problem. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result.
Whole Numbers and Powers Multiply Whole Numbers	5.NBT.5	Fluently multiply multidigit whole numbers using the standard algorithm. Explain and apply standard step-by-step approaches for multiplication.
Whole Numbers and Powers Divide Whole Numbers	5.NBT.6	Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality. Explain and apply standard step-by-step approaches for division of a multidigit number by a 1- or 2-digit divisor. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using the standard algorithm.
Whole Numbers and Powers Solve Story Problems	5.NBT.5 5.NBT.6	Fluently multiply multidigit whole numbers using the standard algorithm. Determine whether multiplication or division is the appropriate operation to use to solve a story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies.
Whole Numbers and Powers Multistep Story Problems	5.NBT.5 5.NBT.6	Determine which operations are appropriate to use to solve a multi-step story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Fluently multiply multidigit whole numbers using the standard algorithm.

		Solve multistep story problems using multiple operations. Analyze a story problem by identifying the question, recognizing relevant information, and developing a solution strategy. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder.
Whole Numbers and Powers Place-Value Patterns	5.NBT.1	Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.
Whole Numbers and Powers 1 Bases and Exponents (A)		Represent and compute a power by using repeated multiplication.
Whole Numbers and Powers 1 Bases and Exponents (B)		Represent and compute a power by using repeated multiplication.
Whole Numbers and Powers 1 Core Focus		Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Fluently multiply multidigit whole numbers using the standard algorithm. Solve multistep story problems using multiple operations. Determine which operations are appropriate to use to solve a multi-step story problem.
1 Whole Numbers and Powers 1 Unit Review		Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Represent and compute a power by using repeated multiplication. Estimate or calculate a sum or a difference in a whole-number problem. Fluently multiply multidigit whole numbers using the standard algorithm. Estimate or calculate a sum or a difference in a whole-number story problem. Solve multistep story problems using multiple operations. Solve a problem that involves powers. Round whole numbers in a story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using the standard algorithm.
Whole Numbers and Powers 1 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Whole Numbers and		

Powers 1 Unit Checkpoint		
Whole Numbers and Powers 1 Extended Problems: Reasoning		Fluently multiply multidigit whole numbers using the standard algorithm. Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Solve a problem that involves powers. Analyze complex problems using mathematical knowledge and skills.
Geometry Angles (A)		Identify and draw perpendicular or parallel lines with appropriate math tools. Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Predict, describe, and perform transformations on two-dimensional shapes. Identify or draw a two-dimensional view of a three-dimensional object. Construct rectangles or triangles with appropriate math tools. Identify, measure, and draw angles with appropriate math tools. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Demonstrate understanding of relative angle measures. State and recognize the definitions of a right angle, an acute angle, an obtuse angle, and a straight angle.
Geometry Angles (B)		Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder. Identify, measure, and draw angles with appropriate math tools. Demonstrate understanding of relative angle measures.
Geometry 3 Perpendicular and Parallel Lines		Identify lines that are perpendicular. Identify lines that are parallel or intersecting. Identify and draw perpendicular or parallel lines with appropriate math tools.
Geometry Identify and Classify Triangles	5.G.3	Demonstrate automatic recall of addition facts with sums through 20. Demonstrate automatic recall of subtraction facts with minuends through 20. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of multiplication facts. Identify attributes of isosceles, equilateral, and right triangles. Define and sketch different types of triangles and identify their attributes. Understand that attributes that apply to a category of two-

		dimensional figures also apply to all subcategories of that category.
Geometry Identify and Classify Quadrilaterals (A)	5.G.3. 5.G.4	Determine the answer to a story problem to a specific degree of accuracy, such as hundredths. Estimate and measure the length of an object to the nearest centimeter. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Classify two-dimensional figures in a hierarchy based on their properties. Know how to define and sketch different quadrilaterals.
Geometry Identify and Classify Quadrilaterals (B)	5.G.3. 5.G.4	Classify two-dimensional figures in a hierarchy based on their properties. Know how to define and sketch different quadrilaterals. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Identify attributes of parallelograms, rectangles, and squares.
Geometry Identify and Classify Quadrilaterals (C)	5.G.3. 5.G.4	Draw or identify a triangle or a quadrilateral on the basis of a given description. Classify two-dimensional figures in a hierarchy based on their properties. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Identify attributes of parallelograms, rectangles, and squares.
Geometry 8 Construct Triangles and Quadrilaterals		Construct rectangles or triangles with appropriate math tools. Know how to define and sketch different quadrilaterals. Define and sketch different types of triangles and identify their attributes.
Geometry Angles and Triangles (A)		Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Define and sketch different types of triangles and identify their attributes. Identify attributes of isosceles, equilateral, and right triangles. Use objects or sketches to solve a story problem that involves addition or subtraction of fractions. Identify the diameter and radius of a circle. Order three or more decimal numbers. Estimate the length of a line segment to the nearest inch or centimeter.
Geometry 1 Angles and Triangles (B)		Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Define and sketch different types of triangles and identify their attributes. Identify attributes of isosceles, equilateral, and right triangles.

Geometry 1 Angles in a Quadrilateral (A)		Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Demonstrate automatic recall of addition facts with sums through 20. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Use the inverse relationship of multiplication and division to compute and check results. Identify attributes of parallelograms, rectangles, and squares. Know how to define and sketch different quadrilaterals.
Geometry 12 Angles in a Quadrilateral (B)		Identify attributes of parallelograms, rectangles, and squares. Know how to define and sketch different quadrilaterals. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems.
Geometry 1 Core Focus		Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Classify two-dimensional figures in a hierarchy based on their properties. Know how to define and sketch different quadrilaterals. Define and sketch different types of triangles and identify their attributes.
Geometry 1 Unit Review		Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Define and sketch different types of triangles and identify their attributes. Identify and draw perpendicular or parallel lines with appropriate math tools. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Identify, measure, and draw angles with appropriate math tools. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Know how to define and sketch different quadrilaterals. Classify two-dimensional figures in a hierarchy based on their properties.
Geometry 15 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Geometry 1 Unit Checkpoint		
Geometry 17 Extended Problems: Real-World Application		Define and sketch different types of triangles and identify their attributes. Classify two-dimensional figures in a hierarchy based on their properties. Partition shapes into parts with equal areas and express the area of

		each part as a unit fraction of the whole. Know how to define and sketch different quadrilaterals. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Solve multistep story problems using multiple operations. Apply mathematical knowledge and skills to evaluate and analyze real-world situations.
Fractions: Multiplication & Division 1 Fraction Multiplication (A)	5.NF.4	Use models and equations to multiply a whole number or a fraction by a fraction. Recognize and determine equivalent fractions. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality.
Fractions: Multiplication & Division 2 Fraction Multiplication (B)	5.NF.4	Use models and equations to multiply a whole number or a fraction by a fraction.
Fractions: Multiplication & Division 3 Fraction Multiplication (C)	5.NF.4	Use models and equations to multiply a whole number or a fraction by a fraction. Recognize and determine equivalent fractions.
Fractions: Multiplication & Division 4 Fraction Multiplication (D)	5.NF.4 5.NF.6.	Use models and equations to multiply a whole number or a fraction by a fraction.
Fractions: Multiplication & Division 5 Multiplication as Scaling	5.NF.5	Explain why multiplying a given number by a positive fraction less than 1 results in a product smaller than the given number. Interpret multiplication as scaling. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Explain why multiplying a given number by a fraction greater than 1 results in a product greater than the given number.
Fractions: Multiplication & Division 6 Fractions as Division Problems	5.NF.3	Explain and give examples of different interpretations of fractions. Divide whole numbers by unit fractions and unit fractions by whole numbers.
Fractions: Multiplication & Division 7 Fraction Division (A)	5.NF.7	Divide whole numbers by unit fractions and unit fractions by whole numbers. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of multiplication facts. Demonstrate automatic recall of addition facts with sums through 20. Demonstrate automatic recall of subtraction facts with minuends

		through 20.
Fractions: Multiplication & Division 8 Fraction Division (B)	5.NF.7	Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Multiply a fraction by a whole number to solve a story problem. Divide whole numbers by unit fractions and unit fractions by whole numbers.
Fractions: Multiplication & Division 9 Fraction Division (C)	5.NF.7	Divide whole numbers by unit fractions and unit fractions by whole numbers.
Fractions: Multiplication & Division 10 Core Focus		Use models and equations to multiply a whole number or a fraction by a fraction. Solve real-world problems involving multiplication of fractions and mixed numbers.
Fractions: Multiplication & Division 11 Unit Review		Interpret multiplication as scaling. Explain how multiplying two fractions or multiplying a fraction and a whole number affects the size of the product. Divide whole numbers by unit fractions and unit fractions by whole numbers. Use models and equations to multiply a whole number or a fraction by a fraction. Explain and give examples of different interpretations of fractions. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Solve real-world problems involving multiplication of fractions and mixed numbers.
Fractions: Multiplication & Division 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Fractions: Multiplication & Division 13 Unit Checkpoint		
Fractions: Multiplication & Division 14 Extended Problems: Reasoning		Explain how multiplying two fractions or multiplying a fraction and a whole number affects the size of the product. Divide whole numbers by unit fractions and unit fractions by whole numbers. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Solve real-world problems involving multiplication of fractions and

		mixed numbers. Analyze complex problems using mathematical knowledge and skills. Use models and equations to multiply a whole number or a fraction by a fraction.
Problems Involving Fractions Fraction Multiplication Story Problems (A)	5.NF.6	Solve a story problem involving multiplication or division of fractions. Solve real-world problems involving multiplication of fractions and mixed numbers. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder. Multiply fractions and explain a step-by-step approach.
Problems Involving Fractions Fraction Multiplication Story Problems (B)	5.NF.6	Solve real-world problems involving multiplication of fractions and mixed numbers. Multiply fractions and explain a step-by-step approach.
Problems Involving Fractions Add and Subtract Fractions (A)	5.NF.1	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Add and Subtract Fractions (B)	5.NF.1	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Add and Subtract Fractions (C)	5.NF.1	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Add and Subtract Fractions (D)	5.NF.1 5.NF.2.	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Core Focus		Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Unit Review		Solve a simple problem involving addition or subtraction of fractions. Solve real-world problems involving multiplication of fractions and mixed numbers.
Problems Involving Fractions (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Problems Involving Fractions 10 Unit Checkpoint		
Problems Involving		Solve real-world problems involving multiplication of fractions and

Fractions 1 Extended Problems: Real-World Application		mixed numbers. Represent a data set of measurements in fractions of a unit on a line plot (limited to 1/2, 1/4, and 1/8). Apply mathematical knowledge and skills to evaluate and analyze real-world situations. Solve problems involving addition of fractions using information recorded in line plots (limited to 1/2, 1/4, and 1/8). Solve a simple problem involving addition or subtraction of fractions. Solve problems involving subtraction of fractions using information recorded in line plots (limited to 1/2, 1/4, and 1/8).
Decimals: Addition and Subtraction 1 Compare Decimals	5.NBT.1 5.NBT.3	Compare decimal numbers. Identify decimal place values through thousandths. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder.
Decimals: Addition and Subtraction 2 Compare and Expand Decimals	5.NBT.1 5.NBT.3	Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Read, write, compare, and order decimals to thousandths. Write decimals in expanded form.
Decimals: Addition and Subtraction 3 Order Three Decimal Numbers		Determine whether addition, subtraction, multiplication, or division is the appropriate operation to use to solve a story problem and solve the problem. Solve problems by using combinations of coins and bills. Demonstrate an understanding of how addition and subtraction affect whole numbers. Determine a missing number in an equation or an inequality. Compare decimal numbers. Order three or more decimal numbers.
Decimals: Addition and Subtraction 4 Roun Decimals Through Hundredths	5.NBT.4	Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of addition facts with sums through 20. Round a decimal number to any place through hundredths.
Decimals: Addition and Subtraction 5 (Optional) Your Choice	5.NBT.7	Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Decimals: Addition and Subtraction 6 Decimal Addition	5.NBT.7	Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Identify decimal place values through thousandths.
Decimals: Addition and Subtraction 7	5.NBT.7	Add or subtract decimals to hundredths, using models or drawings and strategies based on place value.

Decimal Subtraction		
Decimals: Addition and Subtraction 8 Solve Story Problems with Decimals	5.NBT.7	Solve a story problem involving addition or subtraction of decimal numbers. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value.
Decimals: Addition and Subtraction 9 Estimate Decimal Sums and Differences	5.NBT.7	Estimate the sum or difference in a problem involving decimal numbers. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Round a decimal number.
Decimals: Addition and Subtraction 10 Core Focus		Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Round a decimal number to any place through hundredths. Estimate the sum or difference of positive decimal numbers. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Solve an addition or subtraction problem involving decimal numbers.
Decimals: Addition and Subtraction 11 Unit Review		Compare decimal numbers. Write decimals in expanded form. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Order three or more decimal numbers. Solve a story problem involving addition or subtraction of decimal numbers. Estimate the sum or difference in a problem involving decimal numbers. Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Round a decimal number to any place through hundredths. Read, write, compare, and order decimals to thousandths.
Decimals: Addition and Subtraction 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Decimals: Addition and Subtraction 13 Unit Checkpoint		
Decimals: Addition and Subtraction 14		Solve a story problem involving addition or subtraction of decimal numbers. Verify that the calculated result of a problem involving addition or

Extended Problems: Reasoning		subtraction of decimal numbers is reasonable. Solve an addition or subtraction problem involving decimal numbers. Analyze complex problems using mathematical knowledge and skills. Demonstrate how and when to use the distributive property. Round a decimal number to any place up to hundredths.
Decimals: Multiplication and Division 1 Multiply and Divide by Powers of 10	5.NBT.3 5.NBT.4 5.NBT.7	Estimate or calculate a product or a quotient in a whole-number problem. Multiply or divide by a multiple or power of 10.
Decimals: Multiplication and Division 2 Expand and Compare Decimal Numbers	5.NBT.2 5.NBT.4 5.NBT.7	Write decimals in expanded form. Identify decimal place values through thousandths. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder. Compare decimal numbers.
Decimals: Multiplication and Division 3 Round to Estimate Decimal Products and Quotients	5.NBT.2 5.NBT.4 5.NBT.7	Round numbers through 10,000. Use place value to round decimals to any place. Estimate the product or quotient of a computation problem involving decimal numbers. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality.
Decimals: Multiplication and Division 4 Multiply and Divide Decimals (A)		Estimate the sum or difference in a problem involving decimal numbers. Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a sum or a difference in a whole-number problem. Solve a story problem involving multiplication or division of fractions. Estimate or calculate a product or quotient in a whole-number story problem. Solve a multiplication or division problem that involves decimal numbers. Estimate or calculate a product or a quotient in a whole-number problem.
Decimals: Multiplication and Division 5 Multiply and Divide Decimals (B)		Estimate or calculate a product or a quotient in a whole-number problem. Solve a multiplication or division problem that involves decimal numbers.
Decimals: Multiplication and Division 6 Multiply		Solve a multiplication or division problem that involves decimal numbers. Verify that the calculated result of a problem involving multiplication

and Divide Decimals (C)		or division of decimal numbers is reasonable. Demonstrate automatic recall of multiplication facts. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of addition facts with sums through 20.
Decimals: Multiplication and Division 7 Compute Decimal Story Problems (A)		Solve a multiplication or division problem that involves decimal numbers. Solve a story problem that involves multiplication or division of decimal numbers.
Decimals: Multiplication and Division 8 Compute Decimal Story Problems (B)		Solve a multiplication or division problem that involves decimal numbers. Solve a story problem that involves multiplication or division of decimal numbers.
Decimals: Multiplication and Division 9 Compute Decimal Story Problems (C)		Solve a story problem that involves multiplication or division of decimal numbers.
Decimals: Multiplication and Division 10 Core Focus		Read, write, compare, and order decimals to thousandths. Estimate the product or quotient of a computation problem involving decimal numbers. Use place value to round decimals to any place.
Decimals: Multiplication and Division 11 Unit Review		Solve a multiplication or division problem that involves decimal numbers. Solve a story problem that involves multiplication or division of decimal numbers. Use place value to round decimals to any place. Estimate the product or quotient of a computation problem involving decimal numbers. Multiply or divide by a multiple or power of 10. Verify that the calculated result of a problem involving multiplication or division of decimal numbers is reasonable. Write decimals in expanded form. Compare decimal numbers.
Decimals: Multiplication and Division 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.

Decimals: Multiplication and Division 13 Unit Checkpoint		
Decimals: Multiplication and Division 14 Extended Problems: Real-World Application		Multiply or divide by a multiple or power of 10. Solve a story problem involving addition or subtraction of decimal numbers. Compare decimal numbers. Solve a story problem that requires finding rectangular area. Use place value to round decimals to any place. Apply mathematical knowledge and skills to evaluate and analyze real-world situations. Solve simple put-together problems using information from a bar graph. Estimate the product or quotient of a computation problem involving decimal numbers. Organize or display data using tables, bar graphs, line graphs or pictographs. Solve a story problem that involves multiplication or division of decimal numbers.
Semester Review and Checkpoint 1 Semester Review		Represent and compute a power by using repeated multiplication. Solve a multiplication or division problem that involves decimal numbers. Read, write, compare, and order decimals to thousandths. Solve real-world problems involving multiplication of fractions and mixed numbers. Estimate or calculate a product or quotient in a whole-number story problem. Solve a problem that involves powers. Identify, measure, and draw angles with appropriate math tools. Write decimals in expanded form. Solve real-world problems involving multiplication of fractions and mixed numbers. Round whole numbers in a story problem. Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Round a decimal number to any place through hundredths. Order three or more decimal numbers. Divide whole numbers by unit fractions and unit fractions by whole numbers. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Define and sketch different types of triangles and identify their attributes. Estimate the sum or difference in a problem involving decimal numbers. Interpret multiplication as scaling.

		Classify two-dimensional figures in a hierarchy based on their properties. Fluently multiply multidigit whole numbers using the standard algorithm. Multiply or divide by a multiple or power of 10. Compare decimal numbers. Estimate or calculate a sum or a difference in a whole-number problem. Estimate or calculate a product or a quotient in a whole-number problem. Solve a simple problem involving addition or subtraction of fractions. Solve a story problem involving addition or subtraction of decimal numbers. Estimate the product or quotient of a computation problem involving decimal numbers. Verify that the calculated result of a problem involving multiplication or division of decimal numbers is reasonable. Solve multistep story problems using multiple operations. Use models and equations to multiply a whole number or a fraction by a fraction. Use place value to round decimals to any place. Know how to define and sketch different quadrilaterals. Estimate or calculate a sum or a difference in a whole-number story problem. Identify and draw perpendicular or parallel lines with appropriate math tools. Solve a story problem that involves multiplication or division of decimal numbers. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Identify and represent decimal numbers, fractions, mixed numbers, and positive and negative integers on a number line. Solve a problem involving addition or subtraction of integers.
Semester Review and Checkpoint 2 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Semester Review and Checkpoint 3 Semester Checkpoint		

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Semester Review and Checkpoint 4 Semester Checkpoint 2		Read, write, compare, and order decimals to thousandths. Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Know how to define and sketch different quadrilaterals.
Algebra 1 Understand Variables in Algebra (A)		Use a letter to represent an unknown value in an expression or an equation.
Algebra 2 Understand Variables in Algebra (B)		Use a letter to represent an unknown value in an expression or an equation. Solve a problem that involves powers. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Solve a simple problem involving addition or subtraction of fractions. Estimate or calculate a product or a quotient in a whole-number problem. Recognize and determine equivalent fractions.
Algebra (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Algebra Evaluate Numerical Expressions	5.OA.1 5.OA.2.	
Algebra Create and Interpret Numerical Expressions	5.OA.1 5.OA.2.	
Algebra One Variable in Algebraic Expressions		Evaluate a simple algebraic expression in one variable by using substitution.
Algebra (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Algebra Expression and Equation Problems (A)		Identify or use an expression or an equation to answer questions about a problem.
Algebra Expression and Equation Problems (B)		Identify or use an expression or an equation to answer questions about a problem.
Algebra 10 Expression and Equation		Identify or use an expression or an equation to answer questions about a problem.

Problems (C)		
Algebra 1 Core Focus		
Algebra 1 Unit Review		
Algebra 13 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Algebra 1 Unit Checkpoint		
Algebra 1 Extended Problems: Real-World Application		
Coordinate Planes 1 Quadrants in the Coordinate Plane	5.G.1	Identify and graph ordered pairs in all quadrants of a coordinate plane. Find distance between points on a coordinate grid with same first coordinate or same second coordinate. Draw a polygon on a coordinate grid when given coordinates of vertices. Solve word problems involving graphs of points on a coordinate plane.
Coordinate Planes 2 Ordered Pairs	5.G.1	Use the situation presented in a problem to describe the meaning of each coordinate of an ordered pair displayed on a graph.
Coordinate Planes 3 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Coordinate Planes 4 Graph or Write an Equation (A)	5.OA.3.	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 5 Graph or Write an Equation (B)	5.OA.3.	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 6 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Coordinate Planes 7 Graph or Write an Equation (C)	5.OA.3. 5.G.2	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 8 Graph or Write an Equation (D)	5.OA.3. 5.G.2	Graph or write an equation to solve a problem that involves a linear function.

Coordinate Planes 9 Core Focus		
Coordinate Planes 1 Unit Review		
Coordinate Planes 1 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Coordinate Planes 1 Unit Checkpoint		
Coordinate Planes 1 Extended Problems: Real-World Application		
1 Perimeter, Area, and Volume Find the Perimeter of Plane Figures		Use a formula to find the perimeter of a rectangle or a square. Determine the perimeter of a plane figure and use appropriate units.
1 Perimeter, Area, and Volume Nets, Solids, and Surface Area		Construct a cube or a rectangular box from a two-dimensional pattern and determine the surface area.
1 Perimeter, Area, and Volume 3 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Perimeter, Area, and Volume Area of Irregular Shapes		Use squares to approximate the area of an irregular shape.
1 Perimeter, Area, and Volume How Many Cubes Does It Take?	5.MD.3 5.MD.4	Estimate or determine the number of cubes required to fill a solid figure.
1 Perimeter, Area, and Volume Volume of Solid Figures (A)	5.MD.3 5.MD.4 5.MD.5	Explain and determine the volume of a solid figure and use appropriate units.
1 Perimeter, Area, and Volume Volume	5.MD.3 5.MD.5	992 Explain and determine the volume of a solid figure and use appropriate units.

of Solid Figures (B)		
1 Perimeter, Area, and Volume 8 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Perimeter, Area, and Volume Units of Perimeter, Area, and Volume		Differentiate among appropriate units to measure perimeter, area, and volume.
1 Perimeter, Area, and Volume 1 Core Focus		
1 Perimeter, Area, and Volume 1 Unit Review		
1 Perimeter, Area, and Volume 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Perimeter, Area, and Volume 1 Unit Checkpoint		
1 Perimeter, Area, and Volume 14 Extended Problems: Reasoning		
1 Math Reasoning: Methods and Strategies Steps to Solve Story Problems (A)		Prioritize and sequence the information in a story problem that involves multiplication or division of decimal numbers.
1 Math Reasoning: Methods and Strategies Steps to Solve Story Problems (B)		Prioritize and sequence the information in a story problem that involves multiplication or division of decimal numbers.
1 Math Reasoning: Methods and Strategies Break Down Multistep		Determine when and how to break a multistep whole-number story problem or money problem into simpler parts.

Problems		
1 Math Reasoning: Methods and Strategies 4 Mathematical Reasoning Methods (A)		Use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams, and models, to explain mathematical reasoning in nonroutine or complex problems.
1 Math Reasoning: Methods and Strategies 5 Mathematical Reasoning Methods (B)		Use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams, and models, to explain mathematical reasoning in nonroutine or complex problems.
1 Math Reasoning: Methods and Strategies (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Methods and Strategies Choose and Use Strategies (A)		Identify and generalize methods for solving problems that are similar to each other.
1 Math Reasoning: Methods and Strategies Choose and Use Strategies (B)		Identify and generalize methods for solving problems that are similar to each other.
1 Math Reasoning: Methods and Strategies Choose and Use Strategies (C)		Identify and generalize methods for solving problems that are similar to each other.
1 Math Reasoning: Methods and Strategies 1 Solve Simple to Complex Problems (A)		Apply strategies and results from simple story problems involving fractions to more complex problems.
1 Math Reasoning: Methods and Strategies 1 Solve Simple to Complex Problems (B)		Apply strategies and results from simple story problems involving fractions to more complex problems.

1 Math Reasoning: Methods and Strategies 1 Core Focus		
1 Math Reasoning: Methods and Strategies 1 Unit Review		
1 Math Reasoning: Methods and Strategies 14 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Methods and Strategies 1 Unit Checkpoint		
1 Math Reasoning: Methods and Strategies 16 Extended Problems: Reasoning		
1 Math Reasoning: Solutions Solve Problems Logically		Express clear and logical solutions to equal-measures problems and rate problems.
1 Math Reasoning: Solutions Estimation and Reasonable Answers		Express clear and logical solutions to equal-measures problems and rate problems.
1 Math Reasoning: Solutions (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Solutions Change Measurement	5.MD.1	Solve a measurement-conversion problem by using multiplication or division.
1 Math Reasoning: Solutions 5 Measurements in Story Problems	5.MD.1	Solve a story problem involving equal measures.

1 Math Reasoning: Solutions (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Solutions Decimal Solutions		Explain the advantages of exact solutions and approximate solutions to problems involving addition or subtraction of decimal numbers, and give answers to a specified degree of accuracy, such as hundredths. Make precise calculations and use the situation presented in a problem involving decimal-number operations to check the validity of the result.
1 Math Reasoning: Solutions 8 Reasonable Solutions		Evaluate whether a solution for a problem is reasonable.
1 Math Reasoning: Solutions Core Focus		
1 Math Reasoning: Solutions 1 Unit Review		
1 Math Reasoning: Solutions 11 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Solutions 1 Unit Checkpoint		
1 Math Reasoning: Solutions 1 Extended Problems: Real-World Application		
1 Data Analysis and Representation 1 Organize Data to Draw Histograms (A)		Organize and display single-variable data in a histogram.
1 Data Analysis and Representation 2 Organize Data to Draw Histograms (B)		Organize and display single-variable data in a histogram.
1 Data Analysis and Representation 3 Create Circle Graphs		Organize and display single-variable data in a circle graph.

1 Data Analysis and Representation 4 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Data Analysis and Representation 5 Line Plots (A)	5.MD.2.	Use operations on fractions to solve problems involving information presented in line plots.
1 Data Analysis and Representation 6 Line Plots (B)	5.MD.2.	Use operations on fractions to solve problems involving information presented in line plots.
1 Data Analysis and Representation 7 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Data Analysis and Representation 8 Interpret Graphs and Tables		Interpret information displayed in a graph or table.
1 Data Analysis and Representation 9 Fractions, Percents, and Graphs		Use fractions and percents to compare different data sets.
1 Data Analysis and Representation 10 Choose an Appropriate Graph		Explain which types of graphs are appropriate for various data sets.
1 Data Analysis and Representation 11 Core Focus		
1 Data Analysis and Representation 12 Unit Review		
1 Data Analysis and Representation 13 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Data Analysis and Representation 14 Unit Checkpoint		
1 Data Analysis and		

Representation 15 Extended Problems: Reasoning		
1 Semester Review and Assessment 1 Semester Review		
1 Semester Review and Assessment 2 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Semester Review and Assessment 3 Semester Checkpoint 1		
1 Semester Review and Assessment 4 Semester Checkpoint 2		
Whole Numbers and Powers Round Whole Numbers in Story Problems		Round whole numbers in a story problem. Round a whole number. Identify and explain when rounding is useful. Represent and compute a power by using repeated multiplication. Solve a problem that involves powers. Estimate or calculate a sum or a difference in a whole-number problem. Estimate or calculate a product or a quotient in a whole-number problem. Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a product or quotient in a whole-number story problem.
Whole Numbers and Powers Estimate and Find Sums and Differences		Demonstrate automatic recall of addition facts with sums through 20. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Explain and apply standard step-by-step approaches for subtraction. Estimate sums and differences on a number line. Explain and apply standard step-by-step approaches for addition. Estimate or calculate a sum or a difference in a whole-number problem.
Whole Numbers and		Estimate or calculate a sum or a difference in a whole-number story

Powers Estimate Sums and Differences (A)		problem. Estimate or calculate a sum or a difference in a whole-number problem. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result.
Whole Numbers and Powers 4 Estimate Sums and Differences (B)		Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a sum or a difference in a whole-number problem. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result.
Whole Numbers and Powers Multiply Whole Numbers	5.NBT.5	Fluently multiply multidigit whole numbers using the standard algorithm. Explain and apply standard step-by-step approaches for multiplication.
Whole Numbers and Powers Divide Whole Numbers	5.NBT.6	Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality. Explain and apply standard step-by-step approaches for division of a multidigit number by a 1- or 2-digit divisor. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using the standard algorithm.
Whole Numbers and Powers Solve Story Problems	5.NBT.5 5.NBT.6	Fluently multiply multidigit whole numbers using the standard algorithm. Determine whether multiplication or division is the appropriate operation to use to solve a story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies.
Whole Numbers and Powers Multistep Story Problems	5.NBT.5 5.NBT.6	Determine which operations are appropriate to use to solve a multi-step story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Fluently multiply multidigit whole numbers using the standard algorithm. Solve multistep story problems using multiple operations. Analyze a story problem by identifying the question, recognizing relevant information, and developing a solution strategy. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder.
Whole Numbers and Powers Place-Value Patterns	5.NBT.1	Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.
Whole Numbers and		Represent and compute a power by using repeated multiplication.

Powers 1 Bases and Exponents (A)		
Whole Numbers and Powers 1 Bases and Exponents (B)		Represent and compute a power by using repeated multiplication.
Whole Numbers and Powers 1 Core Focus		Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Fluently multiply multidigit whole numbers using the standard algorithm. Solve multistep story problems using multiple operations. Determine which operations are appropriate to use to solve a multi-step story problem.
Whole Numbers and Powers 1 Unit Review		Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Represent and compute a power by using repeated multiplication. Estimate or calculate a sum or a difference in a whole-number problem. Fluently multiply multidigit whole numbers using the standard algorithm. Estimate or calculate a sum or a difference in a whole-number story problem. Solve multistep story problems using multiple operations. Solve a problem that involves powers. Round whole numbers in a story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using the standard algorithm.
Whole Numbers and Powers 1 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Whole Numbers and Powers 1 Unit Checkpoint		
Whole Numbers and Powers 1 Extended Problems: Reasoning		Fluently multiply multidigit whole numbers using the standard algorithm. Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Solve a problem that involves powers.

		Analyze complex problems using mathematical knowledge and skills.
Geometry Angles (A)		Identify and draw perpendicular or parallel lines with appropriate math tools. Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Predict, describe, and perform transformations on two-dimensional shapes. Identify or draw a two-dimensional view of a three-dimensional object. Construct rectangles or triangles with appropriate math tools. Identify, measure, and draw angles with appropriate math tools. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Demonstrate understanding of relative angle measures. State and recognize the definitions of a right angle, an acute angle, an obtuse angle, and a straight angle.
Geometry Angles (B)		Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder. Identify, measure, and draw angles with appropriate math tools. Demonstrate understanding of relative angle measures.
Geometry 3 Perpendicular and Parallel Lines		Identify lines that are perpendicular. Identify lines that are parallel or intersecting. Identify and draw perpendicular or parallel lines with appropriate math tools.
Geometry Identify and Classify Triangles	5.G.3	Demonstrate automatic recall of addition facts with sums through 20. Demonstrate automatic recall of subtraction facts with minuends through 20. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of multiplication facts. Identify attributes of isosceles, equilateral, and right triangles. Define and sketch different types of triangles and identify their attributes. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category.
Geometry Identify and Classify Quadrilaterals (A)	5.G.3 5.G.4	Determine the answer to a story problem to a specific degree of accuracy, such as hundredths. Estimate and measure the length of an object to the nearest centimeter. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Classify two-dimensional figures in a hierarchy based on their properties. Know how to define and sketch different quadrilaterals.

Geometry Identify and Classify Quadrilaterals (B)	5.G.3. 5.G.4	Classify two-dimensional figures in a hierarchy based on their properties. Know how to define and sketch different quadrilaterals. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Identify attributes of parallelograms, rectangles, and squares.
Geometry Identify and Classify Quadrilaterals (C)	5.G.3. 5.G.4	Draw or identify a triangle or a quadrilateral on the basis of a given description. Classify two-dimensional figures in a hierarchy based on their properties. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Identify attributes of parallelograms, rectangles, and squares.
Geometry 8 Construct Triangles and Quadrilaterals		Construct rectangles or triangles with appropriate math tools. Know how to define and sketch different quadrilaterals. Define and sketch different types of triangles and identify their attributes.
Geometry Angles and Triangles (A)		Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Define and sketch different types of triangles and identify their attributes. Identify attributes of isosceles, equilateral, and right triangles. Use objects or sketches to solve a story problem that involves addition or subtraction of fractions. Identify the diameter and radius of a circle. Order three or more decimal numbers. Estimate the length of a line segment to the nearest inch or centimeter.
Geometry 1 Angles and Triangles (B)		Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Define and sketch different types of triangles and identify their attributes. Identify attributes of isosceles, equilateral, and right triangles.
Geometry 1 Angles in a Quadrilateral (A)		Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Demonstrate automatic recall of addition facts with sums through 20. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Use the inverse relationship of multiplication and division to compute and check results. Identify attributes of parallelograms, rectangles, and squares. Know how to define and sketch different quadrilaterals.
Geometry 1 Angles		Identify attributes of parallelograms, rectangles, and squares. Know how to define and sketch different quadrilaterals.

in a Quadrilateral (B)		Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems.
Geometry 1 Core Focus		Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Classify two-dimensional figures in a hierarchy based on their properties. Know how to define and sketch different quadrilaterals. Define and sketch different types of triangles and identify their attributes.
Geometry 1 Unit Review		Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Define and sketch different types of triangles and identify their attributes. Identify and draw perpendicular or parallel lines with appropriate math tools. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Identify, measure, and draw angles with appropriate math tools. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Know how to define and sketch different quadrilaterals. Classify two-dimensional figures in a hierarchy based on their properties.
Geometry 15 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Geometry 1 Unit Checkpoint		
Geometry 17 Extended Problems: Real-World Application		Define and sketch different types of triangles and identify their attributes. Classify two-dimensional figures in a hierarchy based on their properties. Partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole. Know how to define and sketch different quadrilaterals. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Solve multistep story problems using multiple operations. Apply mathematical knowledge and skills to evaluate and analyze real-world situations.
Fractions: Multiplication & Division 1 Fraction Multiplication (A)	5.NF.4	Use models and equations to multiply a whole number or a fraction by a fraction. Recognize and determine equivalent fractions. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality.

Fractions: Multiplication & Division 2 Fraction Multiplication (B)	5.NF.4	Use models and equations to multiply a whole number or a fraction by a fraction.
Fractions: Multiplication & Division 3 Fraction Multiplication (C)	5.NF.4	Use models and equations to multiply a whole number or a fraction by a fraction. Recognize and determine equivalent fractions.
Fractions: Multiplication & Division 4 Fraction Multiplication (D)	5.NF.4 5.NF.6	Use models and equations to multiply a whole number or a fraction by a fraction.
Fractions: Multiplication & Division 5 Multiplication as Scaling	5.NF.5	Explain why multiplying a given number by a positive fraction less than 1 results in a product smaller than the given number. Interpret multiplication as scaling. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Explain why multiplying a given number by a fraction greater than 1 results in a product greater than the given number.
Fractions: Multiplication & Division 6 Fractions as Division Problems	5.NF.3	Explain and give examples of different interpretations of fractions. Divide whole numbers by unit fractions and unit fractions by whole numbers.
Fractions: Multiplication & Division 7 Fraction Division (A)	5.NF.7	Divide whole numbers by unit fractions and unit fractions by whole numbers. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of multiplication facts. Demonstrate automatic recall of addition facts with sums through 20. Demonstrate automatic recall of subtraction facts with minuends through 20.
Fractions: Multiplication & Division 8 Fraction Division (B)	5.NF.7	Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Multiply a fraction by a whole number to solve a story problem. Divide whole numbers by unit fractions and unit fractions by whole numbers.
Fractions: Multiplication & Division 9 Fraction Division (C)	5.NF.7	Divide whole numbers by unit fractions and unit fractions by whole numbers.
Fractions:		Use models and equations to multiply a whole number or a fraction by

Multiplication & Division 10 Core Focus		a fraction. Solve real-world problems involving multiplication of fractions and mixed numbers.
Fractions: Multiplication & Division 11 Unit Review		Interpret multiplication as scaling. Explain how multiplying two fractions or multiplying a fraction and a whole number affects the size of the product. Divide whole numbers by unit fractions and unit fractions by whole numbers. Use models and equations to multiply a whole number or a fraction by a fraction. Explain and give examples of different interpretations of fractions. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Solve real-world problems involving multiplication of fractions and mixed numbers.
Fractions: Multiplication & Division 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Fractions: Multiplication & Division 13 Unit Checkpoint		
Fractions: Multiplication & Division 14 Extended Problems: Reasoning		Explain how multiplying two fractions or multiplying a fraction and a whole number affects the size of the product. Divide whole numbers by unit fractions and unit fractions by whole numbers. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Solve real-world problems involving multiplication of fractions and mixed numbers. Analyze complex problems using mathematical knowledge and skills. Use models and equations to multiply a whole number or a fraction by a fraction.
Problems Involving Fractions Fraction Multiplication Story Problems (A)	5.NF.6	Solve a story problem involving multiplication or division of fractions. Solve real-world problems involving multiplication of fractions and mixed numbers. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder. Multiply fractions and explain a step-by-step approach.
Problems Involving Fractions Fraction	5.NF.6	Solve real-world problems involving multiplication of fractions and mixed numbers.

Multiplication Story Problems (B)		Multiply fractions and explain a step-by-step approach.
Problems Involving Fractions Add and Subtract Fractions (A)	5.NF.1	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Add and Subtract Fractions (B)	5.NF.1	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Add and Subtract Fractions (C)	5.NF.1	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Add and Subtract Fractions (D)	5.NF.1 5.NF.2.	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Core Focus		Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Unit Review		Solve a simple problem involving addition or subtraction of fractions. Solve real-world problems involving multiplication of fractions and mixed numbers.
Problems Involving Fractions (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Problems Involving Fractions 1 Unit Checkpoint		
Problems Involving Fractions 1 Extended Problems: Real-World Application		Solve real-world problems involving multiplication of fractions and mixed numbers. Represent a data set of measurements in fractions of a unit on a line plot (limited to 1/2, 1/4, and 1/8). Apply mathematical knowledge and skills to evaluate and analyze real-world situations. Solve problems involving addition of fractions using information recorded in line plots (limited to 1/2, 1/4, and 1/8). Solve a simple problem involving addition or subtraction of fractions. Solve problems involving subtraction of fractions using information recorded in line plots (limited to 1/2, 1/4, and 1/8).
Decimals: Addition and Subtraction 1	5.NBT.1 5.NBT.3	Compare decimal numbers. Identify decimal place values through thousandths. Solve a division problem that has a multidigit dividend, a one-digit

Compare Decimals		divisor, and no remainder.
Decimals: Addition and Subtraction 2 Compare and Expand Decimals	5.NBT.1 5.NBT.3	Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Read, write, compare, and order decimals to thousandths. Write decimals in expanded form.
Decimals: Addition and Subtraction 3 Order Three Decimal Numbers		Determine whether addition, subtraction, multiplication, or division is the appropriate operation to use to solve a story problem and solve the problem. Solve problems by using combinations of coins and bills. Demonstrate an understanding of how addition and subtraction affect whole numbers. Determine a missing number in an equation or an inequality. Compare decimal numbers. Order three or more decimal numbers.
Decimals: Addition and Subtraction 4 Roun Decimals Through Hundredths	5.NBT.4	Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of addition facts with sums through 20. Round a decimal number to any place through hundredths.
Decimals: Addition and Subtraction 5 (Optional) Your Choice	5.NBT.7	Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Decimals: Addition and Subtraction 6 Decimal Addition	5.NBT.7	Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Identify decimal place values through thousandths.
Decimals: Addition and Subtraction 7 Decimal Subtraction	5.NBT.7	Add or subtract decimals to hundredths, using models or drawings and strategies based on place value.
Decimals: Addition and Subtraction 8 Solve Story Problems with Decimals	5.NBT.7	Solve a story problem involving addition or subtraction of decimal numbers. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value.
Decimals: Addition and Subtraction 9 Estimate Decimal Sums and Differences	5.NBT.7	Estimate the sum or difference in a problem involving decimal numbers. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value.

		Round a decimal number.
Decimals: Addition and Subtraction 10 Core Focus		Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Round a decimal number to any place through hundredths. Estimate the sum or difference of positive decimal numbers. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Solve an addition or subtraction problem involving decimal numbers.
Decimals: Addition and Subtraction 11 Unit Review		Compare decimal numbers. Write decimals in expanded form. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Order three or more decimal numbers. Solve a story problem involving addition or subtraction of decimal numbers. Estimate the sum or difference in a problem involving decimal numbers. Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Round a decimal number to any place through hundredths. Read, write, compare, and order decimals to thousandths.
Decimals: Addition and Subtraction 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Decimals: Addition and Subtraction 13 Unit Checkpoint		
Decimals: Addition and Subtraction 14 Extended Problems: Reasoning		Solve a story problem involving addition or subtraction of decimal numbers. Verify that the calculated result of a problem involving addition or subtraction of decimal numbers is reasonable. Solve an addition or subtraction problem involving decimal numbers. Analyze complex problems using mathematical knowledge and skills. Demonstrate how and when to use the distributive property. Round a decimal number to any place up to hundredths.
Decimals: Multiplication and Division 1 Multiply and Divide by Powers of 10	5.NBT.3 5.NBT.4 5.NBT.7	Estimate or calculate a product or a quotient in a whole-number problem. Multiply or divide by a multiple or power of 10.
Decimals:	5.NBT.2	Write decimals in expanded form.

Multiplication and Division 2 Expand and Compare Decimal Numbers	5.NBT.4 5.NBT.7	Identify decimal place values through thousandths. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder. Compare decimal numbers.
Decimals: Multiplication and Division 3 Round to Estimate Decimal Products and Quotients	5.NBT.2 5.NBT.4 5.NBT.7	Round numbers through 10,000. Use place value to round decimals to any place. Estimate the product or quotient of a computation problem involving decimal numbers. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality.
Decimals: Multiplication and Division 4 Multiply and Divide Decimals (A)		Estimate the sum or difference in a problem involving decimal numbers. Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a sum or a difference in a whole-number problem. Solve a story problem involving multiplication or division of fractions. Estimate or calculate a product or quotient in a whole-number story problem. Solve a multiplication or division problem that involves decimal numbers. Estimate or calculate a product or a quotient in a whole-number problem.
Decimals: Multiplication and Division 5 Multiply and Divide Decimals (B)		Estimate or calculate a product or a quotient in a whole-number problem. Solve a multiplication or division problem that involves decimal numbers.
Decimals: Multiplication and Division 6 Multiply and Divide Decimals (C)		Solve a multiplication or division problem that involves decimal numbers. Verify that the calculated result of a problem involving multiplication or division of decimal numbers is reasonable. Demonstrate automatic recall of multiplication facts. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of addition facts with sums through 20.
Decimals: Multiplication and Division 7 Compute Decimal Story Problems (A)		Solve a multiplication or division problem that involves decimal numbers. Solve a story problem that involves multiplication or division of decimal numbers.

Decimals: Multiplication and Division 8 Compute Decimal Story Problems (B)		Solve a multiplication or division problem that involves decimal numbers. Solve a story problem that involves multiplication or division of decimal numbers.
Decimals: Multiplication and Division 9 Compute Decimal Story Problems (C)		Solve a story problem that involves multiplication or division of decimal numbers.
Decimals: Multiplication and Division 10 Core Focus		Read, write, compare, and order decimals to thousandths. Estimate the product or quotient of a computation problem involving decimal numbers. Use place value to round decimals to any place.
Decimals: Multiplication and Division 11 Unit Review		Solve a multiplication or division problem that involves decimal numbers. Solve a story problem that involves multiplication or division of decimal numbers. Use place value to round decimals to any place. Estimate the product or quotient of a computation problem involving decimal numbers. Multiply or divide by a multiple or power of 10. Verify that the calculated result of a problem involving multiplication or division of decimal numbers is reasonable. Write decimals in expanded form. Compare decimal numbers.
Decimals: Multiplication and Division 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Decimals: Multiplication and Division 13 Unit Checkpoint		
Decimals: Multiplication and Division 14 Extended Problems: Real-World Application		Multiply or divide by a multiple or power of 10. Solve a story problem involving addition or subtraction of decimal numbers. Compare decimal numbers. Solve a story problem that requires finding rectangular area. Use place value to round decimals to any place. Apply mathematical knowledge and skills to evaluate and analyze real-world situations. Solve simple put-together problems using information from a bar

		graph. Estimate the product or quotient of a computation problem involving decimal numbers. Organize or display data using tables, bar graphs, line graphs or pictographs. Solve a story problem that involves multiplication or division of decimal numbers.
7 Semester Review and Checkpoint 1 Semester Review		Represent and compute a power by using repeated multiplication. Solve a multiplication or division problem that involves decimal numbers. Read, write, compare, and order decimals to thousandths. Solve real-world problems involving multiplication of fractions and mixed numbers. Estimate or calculate a product or quotient in a whole-number story problem. Solve a problem that involves powers. Identify, measure, and draw angles with appropriate math tools. Write decimals in expanded form. Solve real-world problems involving multiplication of fractions and mixed numbers. Round whole numbers in a story problem. Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Round a decimal number to any place through hundredths. Order three or more decimal numbers. Divide whole numbers by unit fractions and unit fractions by whole numbers. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Define and sketch different types of triangles and identify their attributes. Estimate the sum or difference in a problem involving decimal numbers. Interpret multiplication as scaling. Classify two-dimensional figures in a hierarchy based on their properties. Fluently multiply multidigit whole numbers using the standard algorithm. Multiply or divide by a multiple or power of 10. Compare decimal numbers. Estimate or calculate a sum or a difference in a whole-number problem. Estimate or calculate a product or a quotient in a whole-number problem. Solve a simple problem involving addition or subtraction of fractions. Solve a story problem involving addition or subtraction of decimal numbers. Estimate the product or quotient of a computation problem involving

		decimal numbers. Verify that the calculated result of a problem involving multiplication or division of decimal numbers is reasonable. Solve multistep story problems using multiple operations. Use models and equations to multiply a whole number or a fraction by a fraction. Use place value to round decimals to any place. Know how to define and sketch different quadrilaterals. Estimate or calculate a sum or a difference in a whole-number story problem. Identify and draw perpendicular or parallel lines with appropriate math tools. Solve a story problem that involves multiplication or division of decimal numbers. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Identify and represent decimal numbers, fractions, mixed numbers, and positive and negative integers on a number line. Solve a problem involving addition or subtraction of integers.
Semester Review and Checkpoint 2 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Semester Review and Checkpoint 3 Semester Checkpoint 1		
Semester Review and Checkpoint 4 Semester Checkpoint 2		Read, write, compare, and order decimals to thousandths. Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Know how to define and sketch different quadrilaterals.
Algebra 1 Understand Variables in Algebra (A)		Use a letter to represent an unknown value in an expression or an equation.
Algebra 2 Understand Variables		Use a letter to represent an unknown value in an expression or an equation. Solve a problem that involves powers.

in Algebra (B)		Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Solve a simple problem involving addition or subtraction of fractions. Estimate or calculate a product or a quotient in a whole-number problem. Recognize and determine equivalent fractions.
Algebra (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Algebra Evaluate Numerical Expressions	5.OA.1 5.OA.2.	
Algebra Create and Interpret Numerical Expressions	5.OA.1 5.OA.2.	
Algebra One Variable in Algebraic Expressions		Evaluate a simple algebraic expression in one variable by using substitution.
Algebra (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Algebra Expression and Equation Problems (A)		Identify or use an expression or an equation to answer questions about a problem.
Algebra Expression and Equation Problems (B)		Identify or use an expression or an equation to answer questions about a problem.
Algebra 10 Expression and Equation Problems (C)		Identify or use an expression or an equation to answer questions about a problem.
Algebra 1 Core Focus		
Algebra 1 Unit Review		
Algebra 13 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Algebra 1 Unit Checkpoint		

Algebra 1 Extended Problems: Real-World Application		
Coordinate Planes 1 Quadrants in the Coordinate Plane	5.G.1	Identify and graph ordered pairs in all quadrants of a coordinate plane. Find distance between points on a coordinate grid with same first coordinate or same second coordinate. Draw a polygon on a coordinate grid when given coordinates of vertices. Solve word problems involving graphs of points on a coordinate plane.
Coordinate Planes 2 Ordered Pairs	5.G.1	Use the situation presented in a problem to describe the meaning of each coordinate of an ordered pair displayed on a graph.
Coordinate Planes 3 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Coordinate Planes 4 Graph or Write an Equation (A)	5.OA.3.	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 5 Graph or Write an Equation (B)	5.OA.3.	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 6 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Coordinate Planes 7 Graph or Write an Equation (C)	5.OA.3. 5.G.2	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 8 Graph or Write an Equation (D)	5.OA.3. 5.G.2	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 9 Core Focus		
Coordinate Planes 1 Unit Review		
Coordinate Planes 1 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Coordinate Planes 1 Unit Checkpoint		
Coordinate Planes		

1 Extended Problems: Real-World Application		
1 Perimeter, Area, and Volume Find the Perimeter of Plane Figures		Use a formula to find the perimeter of a rectangle or a square. Determine the perimeter of a plane figure and use appropriate units.
1 Perimeter, Area, and Volume Nets, Solids, and Surface Area		Construct a cube or a rectangular box from a two-dimensional pattern and determine the surface area.
1 Perimeter, Area, and Volume 3 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Perimeter, Area, and Volume Area of Irregular Shapes		Use squares to approximate the area of an irregular shape.
1 Perimeter, Area, and Volume How Many Cubes Does It Take?	5.MD.3 5.MD.4	Estimate or determine the number of cubes required to fill a solid figure.
1 Perimeter, Area, and Volume Volume of Solid Figures (A)	5.MD.3 5.MD.4 5.MD.5	Explain and determine the volume of a solid figure and use appropriate units.
1 Perimeter, Area, and Volume Volume of Solid Figures (B)	5.MD.3 5.MD.5	992 Explain and determine the volume of a solid figure and use appropriate units.
1 Perimeter, Area, and Volume 8 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Perimeter, Area, and Volume Units of Perimeter, Area, and Volume		Differentiate among appropriate units to measure perimeter, area, and volume.
1 Perimeter, Area, and Volume 1 Core Focus		

1 Perimeter, Area, and Volume 1 Unit Review		
1 Perimeter, Area, and Volume 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Perimeter, Area, and Volume 1 Unit Checkpoint		
1 Perimeter, Area, and Volume 14 Extended Problems: Reasoning		
1 Math Reasoning: Methods and Strategies Steps to Solve Story Problems (A)		Prioritize and sequence the information in a story problem that involves multiplication or division of decimal numbers.
1 Math Reasoning: Methods and Strategies Steps to Solve Story Problems (B)		Prioritize and sequence the information in a story problem that involves multiplication or division of decimal numbers.
1 Math Reasoning: Methods and Strategies Break Down Multistep Problems		Determine when and how to break a multistep whole-number story problem or money problem into simpler parts.
1 Math Reasoning: Methods and Strategies 4 Mathematical Reasoning Methods (A)		Use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams, and models, to explain mathematical reasoning in nonroutine or complex problems.
1 Math Reasoning: Methods and Strategies 5 Mathematical Reasoning Methods		Use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams, and models, to explain mathematical reasoning in nonroutine or complex problems.

(B)		
1 Math Reasoning: Methods and Strategies (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Methods and Strategies Choose and Use Strategies (A)		Identify and generalize methods for solving problems that are similar to each other.
1 Math Reasoning: Methods and Strategies Choose and Use Strategies (B)		Identify and generalize methods for solving problems that are similar to each other.
1 Math Reasoning: Methods and Strategies Choose and Use Strategies (C)		Identify and generalize methods for solving problems that are similar to each other.
1 Math Reasoning: Methods and Strategies 1 Solve Simple to Complex Problems (A)		Apply strategies and results from simple story problems involving fractions to more complex problems.
1 Math Reasoning: Methods and Strategies 1 Solve Simple to Complex Problems (B)		Apply strategies and results from simple story problems involving fractions to more complex problems.
1 Math Reasoning: Methods and Strategies 1 Core Focus		
1 Math Reasoning: Methods and Strategies 1 Unit Review		
1 Math Reasoning: Methods and Strategies 14		Identify and master skills and tasks from earlier in the course that have not yet been mastered.

(Optional) Your Choice		
1 Math Reasoning: Methods and Strategies 1 Unit Checkpoint		
1 Math Reasoning: Methods and Strategies 16 Extended Problems: Reasoning		
1 Math Reasoning: Solutions Solve Problems Logically		Express clear and logical solutions to equal-measures problems and rate problems.
1 Math Reasoning: Solutions Estimation and Reasonable Answers		Express clear and logical solutions to equal-measures problems and rate problems.
1 Math Reasoning: Solutions (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Solutions Change Measurement	5.MD.1	Solve a measurement-conversion problem by using multiplication or division.
1 Math Reasoning: Solutions 5 Measurements in Story Problems	5.MD.1	Solve a story problem involving equal measures.
1 Math Reasoning: Solutions (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Solutions Decimal Solutions		Explain the advantages of exact solutions and approximate solutions to problems involving addition or subtraction of decimal numbers, and give answers to a specified degree of accuracy, such as hundredths. Make precise calculations and use the situation presented in a problem involving decimal-number operations to check the validity of the result.
1 Math Reasoning: Solutions 8		Evaluate whether a solution for a problem is reasonable.

Reasonable Solutions		
1 Math Reasoning: Solutions Core Focus		
1 Math Reasoning: Solutions 1 Unit Review		
1 Math Reasoning: Solutions 11 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Solutions 1 Unit Checkpoint		
1 Math Reasoning: Solutions 1 Extended Problems: Real-World Application		
1 Data Analysis and Representation 1 Organize Data to Draw Histograms (A)		Organize and display single-variable data in a histogram.
1 Data Analysis and Representation 2 Organize Data to Draw Histograms (B)		Organize and display single-variable data in a histogram.
1 Data Analysis and Representation 3 Create Circle Graphs		Organize and display single-variable data in a circle graph.
1 Data Analysis and Representation 4 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Data Analysis and Representation 5 Line Plots (A)	5.MD.2.	Use operations on fractions to solve problems involving information presented in line plots.
1 Data Analysis and Representation 6 Line Plots (B)	5.MD.2.	Use operations on fractions to solve problems involving information presented in line plots.

1 Data Analysis and Representation 7 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Data Analysis and Representation 8 Interpret Graphs and Tables		Interpret information displayed in a graph or table.
1 Data Analysis and Representation 9 Fractions, Percents, and Graphs		Use fractions and percents to compare different data sets.
1 Data Analysis and Representation 10 Choose an Appropriate Graph		Explain which types of graphs are appropriate for various data sets.
1 Data Analysis and Representation 11 Core Focus		
1 Data Analysis and Representation 12 Unit Review		
1 Data Analysis and Representation 13 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Data Analysis and Representation 14 Unit Checkpoint		
1 Data Analysis and Representation 15 Extended Problems: Reasoning		
1 Semester Review and Assessment 1 Semester Review		
1 Semester Review and Assessment 2 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.

1 Semester Review and Assessment 3 Semester Checkpoint 1		
1 Semester Review and Assessment 4 Semester Checkpoint 2		
Whole Numbers and Powers Round Whole Numbers in Story Problems		Round whole numbers in a story problem. Round a whole number. Identify and explain when rounding is useful. Represent and compute a power by using repeated multiplication. Solve a problem that involves powers. Estimate or calculate a sum or a difference in a whole-number problem. Estimate or calculate a product or a quotient in a whole-number problem. Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a product or quotient in a whole-number story problem.
Whole Numbers and Powers Estimate and Find Sums and Differences		Demonstrate automatic recall of addition facts with sums through 20. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Explain and apply standard step-by-step approaches for subtraction. Estimate sums and differences on a number line. Explain and apply standard step-by-step approaches for addition. Estimate or calculate a sum or a difference in a whole-number problem.
Whole Numbers and Powers Estimate Sums and Differences (A)		Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a sum or a difference in a whole-number problem. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result.
Whole Numbers and Powers Estimate Sums and Differences (B)		Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a sum or a difference in a whole-number problem. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result.

Whole Numbers and Powers Multiply Whole Numbers	5.NBT.5	Fluently multiply multidigit whole numbers using the standard algorithm. Explain and apply standard step-by-step approaches for multiplication.
Whole Numbers and Powers Divide Whole Numbers	5.NBT.6	Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality. Explain and apply standard step-by-step approaches for division of a multidigit number by a 1- or 2-digit divisor. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using the standard algorithm.
Whole Numbers and Powers Solve Story Problems	5.NBT.5 5.NBT.6	Fluently multiply multidigit whole numbers using the standard algorithm. Determine whether multiplication or division is the appropriate operation to use to solve a story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies.
Whole Numbers and Powers Multistep Story Problems	5.NBT.5 5.NBT.6	Determine which operations are appropriate to use to solve a multi-step story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Fluently multiply multidigit whole numbers using the standard algorithm. Solve multistep story problems using multiple operations. Analyze a story problem by identifying the question, recognizing relevant information, and developing a solution strategy. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder.
Whole Numbers and Powers Place-Value Patterns	5.NBT.1	Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.
Whole Numbers and Powers 1 Bases and Exponents (A)		Represent and compute a power by using repeated multiplication.
Whole Numbers and Powers 1 Bases and Exponents (B)		Represent and compute a power by using repeated multiplication.
Whole Numbers and Powers 1 Core Focus		Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Fluently multiply multidigit whole numbers using the standard algorithm. Solve multistep story problems using multiple operations. Determine which operations are appropriate to use to solve a multi-

		step story problem.
Whole Numbers and Powers 1 Unit Review		Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Represent and compute a power by using repeated multiplication. Estimate or calculate a sum or a difference in a whole-number problem. Fluently multiply multidigit whole numbers using the standard algorithm. Estimate or calculate a sum or a difference in a whole-number story problem. Solve multistep story problems using multiple operations. Solve a problem that involves powers. Round whole numbers in a story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using the standard algorithm.
Whole Numbers and Powers 1 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Whole Numbers and Powers 1 Unit Checkpoint		
Whole Numbers and Powers 1 Extended Problems: Reasoning		Fluently multiply multidigit whole numbers using the standard algorithm. Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Solve a problem that involves powers. Analyze complex problems using mathematical knowledge and skills.
Geometry Angles (A)		Identify and draw perpendicular or parallel lines with appropriate math tools. Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Predict, describe, and perform transformations on two-dimensional shapes. Identify or draw a two-dimensional view of a three-dimensional object. Construct rectangles or triangles with appropriate math tools. Identify, measure, and draw angles with appropriate math tools. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems.

		Demonstrate understanding of relative angle measures. State and recognize the definitions of a right angle, an acute angle, an obtuse angle, and a straight angle.
Geometry Angles (B)		Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder. Identify, measure, and draw angles with appropriate math tools. Demonstrate understanding of relative angle measures.
Geometry 3 Perpendicular and Parallel Lines		Identify lines that are perpendicular. Identify lines that are parallel or intersecting. Identify and draw perpendicular or parallel lines with appropriate math tools.
Geometry Identify and Classify Triangles	5.G.3	Demonstrate automatic recall of addition facts with sums through 20. Demonstrate automatic recall of subtraction facts with minuends through 20. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of multiplication facts. Identify attributes of isosceles, equilateral, and right triangles. Define and sketch different types of triangles and identify their attributes. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category.
Geometry Identify and Classify Quadrilaterals (A)	5.G.3. 5.G.4	Determine the answer to a story problem to a specific degree of accuracy, such as hundredths. Estimate and measure the length of an object to the nearest centimeter. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Classify two-dimensional figures in a hierarchy based on their properties. Know how to define and sketch different quadrilaterals.
Geometry Identify and Classify Quadrilaterals (B)	5.G.3. 5.G.4	Classify two-dimensional figures in a hierarchy based on their properties. Know how to define and sketch different quadrilaterals. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Identify attributes of parallelograms, rectangles, and squares.
Geometry Identify and Classify Quadrilaterals (C)	5.G.3. 5.G.4	Draw or identify a triangle or a quadrilateral on the basis of a given description. Classify two-dimensional figures in a hierarchy based on their properties. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Identify attributes of parallelograms, rectangles, and squares.

Geometry 8 Construct Triangles and Quadrilaterals		Construct rectangles or triangles with appropriate math tools. Know how to define and sketch different quadrilaterals. Define and sketch different types of triangles and identify their attributes.
Geometry Angles and Triangles (A)		Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Define and sketch different types of triangles and identify their attributes. Identify attributes of isosceles, equilateral, and right triangles. Use objects or sketches to solve a story problem that involves addition or subtraction of fractions. Identify the diameter and radius of a circle. Order three or more decimal numbers. Estimate the length of a line segment to the nearest inch or centimeter.
Geometry 1 Angles and Triangles (B)		Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Define and sketch different types of triangles and identify their attributes. Identify attributes of isosceles, equilateral, and right triangles.
Geometry 1 Angles in a Quadrilateral (A)		Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Demonstrate automatic recall of addition facts with sums through 20. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Use the inverse relationship of multiplication and division to compute and check results. Identify attributes of parallelograms, rectangles, and squares. Know how to define and sketch different quadrilaterals.
Geometry 1 Angles in a Quadrilateral (B)		Identify attributes of parallelograms, rectangles, and squares. Know how to define and sketch different quadrilaterals. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems.
Geometry 1 Core Focus		Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Classify two-dimensional figures in a hierarchy based on their properties. Know how to define and sketch different quadrilaterals. Define and sketch different types of triangles and identify their attributes.
Geometry 1 Unit Review		Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Define and sketch different types of triangles and identify their attributes.

		Identify and draw perpendicular or parallel lines with appropriate math tools. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Identify, measure, and draw angles with appropriate math tools. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Know how to define and sketch different quadrilaterals. Classify two-dimensional figures in a hierarchy based on their properties.
Geometry 15 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Geometry 1 Unit Checkpoint		
Geometry 17 Extended Problems: Real-World Application		Define and sketch different types of triangles and identify their attributes. Classify two-dimensional figures in a hierarchy based on their properties. Partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole. Know how to define and sketch different quadrilaterals. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Solve multistep story problems using multiple operations. Apply mathematical knowledge and skills to evaluate and analyze real-world situations.
Fractions: Multiplication & Division 1 Fraction Multiplication (A)	5.NF.4	Use models and equations to multiply a whole number or a fraction by a fraction. Recognize and determine equivalent fractions. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality.
Fractions: Multiplication & Division 2 Fraction Multiplication (B)	5.NF.4	Use models and equations to multiply a whole number or a fraction by a fraction.
Fractions: Multiplication & Division Fraction Multiplication (C)	5.NF.4	Use models and equations to multiply a whole number or a fraction by a fraction. Recognize and determine equivalent fractions.
Fractions: Multiplication & Division 4 Fraction	5.NF.4 5.NF.6	Use models and equations to multiply a whole number or a fraction by a fraction.

Multiplication (D)		
Fractions: Multiplication & Division 5 Multiplication as Scaling	5.NF.5	Explain why multiplying a given number by a positive fraction less than 1 results in a product smaller than the given number. Interpret multiplication as scaling. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Explain why multiplying a given number by a fraction greater than 1 results in a product greater than the given number.
Fractions: Multiplication & Division 6 Fractions as Division Problems	5.NF.3	Explain and give examples of different interpretations of fractions. Divide whole numbers by unit fractions and unit fractions by whole numbers.
Fractions: Multiplication & Division 7 Fraction Division (A)	5.NF.7	Divide whole numbers by unit fractions and unit fractions by whole numbers. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of multiplication facts. Demonstrate automatic recall of addition facts with sums through 20. Demonstrate automatic recall of subtraction facts with minuends through 20.
Fractions: Multiplication & Division 8 Fraction Division (B)	5.NF.7	Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Multiply a fraction by a whole number to solve a story problem. Divide whole numbers by unit fractions and unit fractions by whole numbers.
Fractions: Multiplication & Division 9 Fraction Division (C)	5.NF.7	Divide whole numbers by unit fractions and unit fractions by whole numbers.
Fractions: Multiplication & Division 10 Core Focus		Use models and equations to multiply a whole number or a fraction by a fraction. Solve real-world problems involving multiplication of fractions and mixed numbers.
Fractions: Multiplication & Division 11 Unit Review		Interpret multiplication as scaling. Explain how multiplying two fractions or multiplying a fraction and a whole number affects the size of the product. Divide whole numbers by unit fractions and unit fractions by whole numbers. Use models and equations to multiply a whole number or a fraction by a fraction. Explain and give examples of different interpretations of fractions. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying.

		Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Solve real-world problems involving multiplication of fractions and mixed numbers.
Fractions: Multiplication & Division 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Fractions: Multiplication & Division 13 Unit Checkpoint		
Fractions: Multiplication & Division 14 Extended Problems: Reasoning		Explain how multiplying two fractions or multiplying a fraction and a whole number affects the size of the product. Divide whole numbers by unit fractions and unit fractions by whole numbers. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Solve real-world problems involving multiplication of fractions and mixed numbers. Analyze complex problems using mathematical knowledge and skills. Use models and equations to multiply a whole number or a fraction by a fraction.
Problems Involving Fractions Fraction Multiplication Story Problems (A)	5.NF.6	Solve a story problem involving multiplication or division of fractions. Solve real-world problems involving multiplication of fractions and mixed numbers. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder. Multiply fractions and explain a step-by-step approach.
Problems Involving Fractions Fraction Multiplication Story Problems (B)	5.NF.6	Solve real-world problems involving multiplication of fractions and mixed numbers. Multiply fractions and explain a step-by-step approach.
Problems Involving Fractions Add and Subtract Fractions (A)	5.NF.1	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Add and Subtract Fractions (B)	5.NF.1	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Add and	5.NF.1	Solve a simple problem involving addition or subtraction of fractions.

Subtract Fractions (C)		
Problems Involving Fractions Add and Subtract Fractions (D)	5.NF.1 5.NF.2.	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Core Focus		Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Unit Review		Solve a simple problem involving addition or subtraction of fractions. Solve real-world problems involving multiplication of fractions and mixed numbers.
Problems Involving Fractions (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Problems Involving Fractions 1 Unit Checkpoint		
Problems Involving Fractions 1 Extended Problems: Real-World Application		Solve real-world problems involving multiplication of fractions and mixed numbers. Represent a data set of measurements in fractions of a unit on a line plot (limited to 1/2, 1/4, and 1/8). Apply mathematical knowledge and skills to evaluate and analyze real-world situations. Solve problems involving addition of fractions using information recorded in line plots (limited to 1/2, 1/4, and 1/8). Solve a simple problem involving addition or subtraction of fractions. Solve problems involving subtraction of fractions using information recorded in line plots (limited to 1/2, 1/4, and 1/8).
Decimals: Addition and Subtraction 1 Compare Decimals	5.NBT.1 5.NBT.3	Compare decimal numbers. Identify decimal place values through thousandths. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder.
Decimals: Addition and Subtraction 2 Compare and Expand Decimals	5.NBT.1 5.NBT.3	Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Read, write, compare, and order decimals to thousandths. Write decimals in expanded form.
Decimals: Addition and Subtraction 3 Order Three Decimal Numbers		Determine whether addition, subtraction, multiplication, or division is the appropriate operation to use to solve a story problem and solve the problem. Solve problems by using combinations of coins and bills. Demonstrate an understanding of how addition and subtraction affect whole numbers.

		Determine a missing number in an equation or an inequality. Compare decimal numbers. Order three or more decimal numbers.
Decimals: Addition and Subtraction 4 Roun Decimals Through Hundredths	5.NBT.4	Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of addition facts with sums through 20. Round a decimal number to any place through hundredths.
Decimals: Addition and Subtraction 5 (Optional) Your Choice	5.NBT.7	Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Decimals: Addition and Subtraction 6 Decimal Addition	5.NBT.7	Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Identify decimal place values through thousandths.
Decimals: Addition and Subtraction 7 Decimal Subtraction	5.NBT.7	Add or subtract decimals to hundredths, using models or drawings and strategies based on place value.
Decimals: Addition and Subtraction 8 Solve Story Problems with Decimals	5.NBT.7	Solve a story problem involving addition or subtraction of decimal numbers. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value.
Decimals: Addition and Subtraction 9 Estimate Decimal Sums and Differences	5.NBT.7	Estimate the sum or difference in a problem involving decimal numbers. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Round a decimal number.
Decimals: Addition and Subtraction 10 Core Focus		Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Round a decimal number to any place through hundredths. Estimate the sum or difference of positive decimal numbers. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Solve an addition or subtraction problem involving decimal numbers.
Decimals: Addition and Subtraction 11 Unit Review		Compare decimal numbers. Write decimals in expanded form. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value.

		Order three or more decimal numbers. Solve a story problem involving addition or subtraction of decimal numbers. Estimate the sum or difference in a problem involving decimal numbers. Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Round a decimal number to any place through hundredths. Read, write, compare, and order decimals to thousandths.
Decimals: Addition and Subtraction 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Decimals: Addition and Subtraction 13 Unit Checkpoint		
Decimals: Addition and Subtraction 14 Extended Problems: Reasoning		Solve a story problem involving addition or subtraction of decimal numbers. Verify that the calculated result of a problem involving addition or subtraction of decimal numbers is reasonable. Solve an addition or subtraction problem involving decimal numbers. Analyze complex problems using mathematical knowledge and skills. Demonstrate how and when to use the distributive property. Round a decimal number to any place up to hundredths.
Decimals: Multiplication and Division 1 Multiply and Divide by Powers of 10	5.NBT.3 5.NBT.4 5.NBT.7	Estimate or calculate a product or a quotient in a whole-number problem. Multiply or divide by a multiple or power of 10.
Decimals: Multiplication and Division 2 Expand and Compare Decimal Numbers	5.NBT.2 5.NBT.4 5.NBT.7	Write decimals in expanded form. Identify decimal place values through thousandths. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder. Compare decimal numbers.
Decimals: Multiplication and Division 3 Round to Estimate Decimal Products and Quotients	5.NBT.2 5.NBT.4 5.NBT.7	Round numbers through 10,000. Use place value to round decimals to any place. Estimate the product or quotient of a computation problem involving decimal numbers. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality.
Decimals:		Estimate the sum or difference in a problem involving decimal numbers.

Multiplication and Division 4 Multiply and Divide Decimals (A)		Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a sum or a difference in a whole-number problem. Solve a story problem involving multiplication or division of fractions. Estimate or calculate a product or quotient in a whole-number story problem. Solve a multiplication or division problem that involves decimal numbers. Estimate or calculate a product or a quotient in a whole-number problem.
Decimals: Multiplication and Division 5 Multiply and Divide Decimals (B)		Estimate or calculate a product or a quotient in a whole-number problem. Solve a multiplication or division problem that involves decimal numbers.
Decimals: Multiplication and Division 6 Multiply and Divide Decimals (C)		Solve a multiplication or division problem that involves decimal numbers. Verify that the calculated result of a problem involving multiplication or division of decimal numbers is reasonable. Demonstrate automatic recall of multiplication facts. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of addition facts with sums through 20.
Decimals: Multiplication and Division 7 Compute Decimal Story Problems (A)		Solve a multiplication or division problem that involves decimal numbers. Solve a story problem that involves multiplication or division of decimal numbers.
Decimals: Multiplication and Division 8 Compute Decimal Story Problems (B)		Solve a multiplication or division problem that involves decimal numbers. Solve a story problem that involves multiplication or division of decimal numbers.
Decimals: Multiplication and Division 9 Compute Decimal Story Problems (C)		Solve a story problem that involves multiplication or division of decimal numbers.
Decimals:		Read, write, compare, and order decimals to thousandths. Estimate the product or quotient of a computation problem involving

Multiplication and Division 10 Core Focus		decimal numbers. Use place value to round decimals to any place.
Decimals: Multiplication and Division 11 Unit Review		Solve a multiplication or division problem that involves decimal numbers. Solve a story problem that involves multiplication or division of decimal numbers. Use place value to round decimals to any place. Estimate the product or quotient of a computation problem involving decimal numbers. Multiply or divide by a multiple or power of 10. Verify that the calculated result of a problem involving multiplication or division of decimal numbers is reasonable. Write decimals in expanded form. Compare decimal numbers.
Decimals: Multiplication and Division 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Decimals: Multiplication and Division 13 Unit Checkpoint		
Decimals: Multiplication and Division 14 Extended Problems: Real-World Application		Multiply or divide by a multiple or power of 10. Solve a story problem involving addition or subtraction of decimal numbers. Compare decimal numbers. Solve a story problem that requires finding rectangular area. Use place value to round decimals to any place. Apply mathematical knowledge and skills to evaluate and analyze real-world situations. Solve simple put-together problems using information from a bar graph. Estimate the product or quotient of a computation problem involving decimal numbers. Organize or display data using tables, bar graphs, line graphs or pictographs. Solve a story problem that involves multiplication or division of decimal numbers.
Semester Review and Checkpoint 1 Semester Review		Represent and compute a power by using repeated multiplication. Solve a multiplication or division problem that involves decimal numbers. Read, write, compare, and order decimals to thousandths. Solve real-world problems involving multiplication of fractions and mixed numbers.

		Estimate or calculate a product or quotient in a whole-number story problem. Solve a problem that involves powers. Identify, measure, and draw angles with appropriate math tools. Write decimals in expanded form. Solve real-world problems involving multiplication of fractions and mixed numbers. Round whole numbers in a story problem. Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Round a decimal number to any place through hundredths. Order three or more decimal numbers. Divide whole numbers by unit fractions and unit fractions by whole numbers. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Define and sketch different types of triangles and identify their attributes. Estimate the sum or difference in a problem involving decimal numbers. Interpret multiplication as scaling. Classify two-dimensional figures in a hierarchy based on their properties. Fluently multiply multidigit whole numbers using the standard algorithm. Multiply or divide by a multiple or power of 10. Compare decimal numbers. Estimate or calculate a sum or a difference in a whole-number problem. Estimate or calculate a product or a quotient in a whole-number problem. Solve a simple problem involving addition or subtraction of fractions. Solve a story problem involving addition or subtraction of decimal numbers. Estimate the product or quotient of a computation problem involving decimal numbers. Verify that the calculated result of a problem involving multiplication or division of decimal numbers is reasonable. Solve multistep story problems using multiple operations. Use models and equations to multiply a whole number or a fraction by a fraction. Use place value to round decimals to any place. Know how to define and sketch different quadrilaterals. Estimate or calculate a sum or a difference in a whole-number story problem. Identify and draw perpendicular or parallel lines with appropriate math tools. Solve a story problem that involves multiplication or division of decimal numbers.

		Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Identify and represent decimal numbers, fractions, mixed numbers, and positive and negative integers on a number line. Solve a problem involving addition or subtraction of integers.
Semester Review and Checkpoint 2 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Semester Review and Checkpoint 3 Semester Checkpoint 1		
Semester Review and Checkpoint 4 Semester Checkpoint 2		Read, write, compare, and order decimals to thousandths. Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Know how to define and sketch different quadrilaterals.
Algebra 1 Understand Variables in Algebra (A)		Use a letter to represent an unknown value in an expression or an equation.
Algebra 2 Understand Variables in Algebra (B)		Use a letter to represent an unknown value in an expression or an equation. Solve a problem that involves powers. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Solve a simple problem involving addition or subtraction of fractions. Estimate or calculate a product or a quotient in a whole-number problem. Recognize and determine equivalent fractions.
Algebra 3 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Algebra Evaluate Numerical Expressions	5.OA.1 5.OA.2.	
Algebra Create	5.OA.1	

and Interpret Numerical Expressions	5.OA.2.	
Algebra One Variable in Algebraic Expressions		Evaluate a simple algebraic expression in one variable by using substitution.
Algebra (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Algebra Expression and Equation Problems (A)		Identify or use an expression or an equation to answer questions about a problem.
Algebra Expression and Equation Problems (B)		Identify or use an expression or an equation to answer questions about a problem.
Algebra 10 Expression and Equation Problems (C)		Identify or use an expression or an equation to answer questions about a problem.
Algebra 1 Core Focus		
Algebra 1 Unit Review		
Algebra 13 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Algebra 1 Unit Checkpoint		
Algebra 1 Extended Problems: Real-World Application		
Coordinate Planes 1 Quadrants in the Coordinate Plane	5.G.1	Identify and graph ordered pairs in all quadrants of a coordinate plane. Find distance between points on a coordinate grid with same first coordinate or same second coordinate. Draw a polygon on a coordinate grid when given coordinates of vertices. Solve word problems involving graphs of points on a coordinate plane.
Coordinate Planes 2 Ordered Pairs	5.G.1	Use the situation presented in a problem to describe the meaning of each coordinate of an ordered pair displayed on a graph.

Coordinate Planes 3 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Coordinate Planes 4 Graph or Write an Equation (A)	5.OA.3.	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 5 Graph or Write an Equation (B)	5.OA.3.	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 6 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Coordinate Planes 7 Graph or Write an Equation (C)	5.OA.3. 5.G.2	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 8 Graph or Write an Equation (D)	5.OA.3. 5.G.2	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 9 Core Focus		
Coordinate Planes 1 Unit Review		
Coordinate Planes 1 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Coordinate Planes 1 Unit Checkpoint		
Coordinate Planes 1 Extended Problems: Real-World Application		
1 Perimeter, Area, and Volume Find the Perimeter of Plane Figures		Use a formula to find the perimeter of a rectangle or a square. Determine the perimeter of a plane figure and use appropriate units.
1 Perimeter, Area, and Volume Nets, Solids, and Surface		Construct a cube or a rectangular box from a two-dimensional pattern and determine the surface area.

Area		
1 Perimeter, Area, and Volume 3 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Perimeter, Area, and Volume Area of Irregular Shapes		Use squares to approximate the area of an irregular shape.
1 Perimeter, Area, and Volume How Many Cubes Does It Take?	5.MD.3 5.MD.4	Estimate or determine the number of cubes required to fill a solid figure.
1 Perimeter, Area, and Volume Volume of Solid Figures (A)	5.MD.3 5.MD.4 5.MD.5	Explain and determine the volume of a solid figure and use appropriate units.
1 Perimeter, Area, and Volume Volume of Solid Figures (B)	5.MD.3 5.MD.5	992 Explain and determine the volume of a solid figure and use appropriate units.
1 Perimeter, Area, and Volume 8 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Perimeter, Area, and Volume Units of Perimeter, Area, and Volume		Differentiate among appropriate units to measure perimeter, area, and volume.
1 Perimeter, Area, and Volume 1 Core Focus		
1 Perimeter, Area, and Volume 1 Unit Review		
1 Perimeter, Area, and Volume 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Perimeter, Area, and Volume 1 Unit Checkpoint		

1 Perimeter, Area, and Volume 14 Extended Problems: Reasoning		
1 Math Reasoning: Methods and Strategies Steps to Solve Story Problems (A)		Prioritize and sequence the information in a story problem that involves multiplication or division of decimal numbers.
1 Math Reasoning: Methods and Strategies Steps to Solve Story Problems (B)		Prioritize and sequence the information in a story problem that involves multiplication or division of decimal numbers.
1 Math Reasoning: Methods and Strategies Break Down Multistep Problems		Determine when and how to break a multistep whole-number story problem or money problem into simpler parts.
1 Math Reasoning: Methods and Strategies 4 Mathematical Reasoning Methods (A)		Use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams, and models, to explain mathematical reasoning in nonroutine or complex problems.
1 Math Reasoning: Methods and Strategies 5 Mathematical Reasoning Methods (B)		Use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams, and models, to explain mathematical reasoning in nonroutine or complex problems.
1 Math Reasoning: Methods and Strategies (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Methods and Strategies Choose and Use Strategies (A)		Identify and generalize methods for solving problems that are similar to each other.

1 Math Reasoning: Methods and Strategies Choose and Use Strategies (B)		Identify and generalize methods for solving problems that are similar to each other.
1 Math Reasoning: Methods and Strategies Choose and Use Strategies (C)		Identify and generalize methods for solving problems that are similar to each other.
1 Math Reasoning: Methods and Strategies 1 Solve Simple to Complex Problems (A)		Apply strategies and results from simple story problems involving fractions to more complex problems.
1 Math Reasoning: Methods and Strategies 1 Solve Simple to Complex Problems (B)		Apply strategies and results from simple story problems involving fractions to more complex problems.
1 Math Reasoning: Methods and Strategies 1 Core Focus		
1 Math Reasoning: Methods and Strategies 1 Unit Review		
1 Math Reasoning: Methods and Strategies 14 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Methods and Strategies 1 Unit Checkpoint		
1 Math Reasoning: Methods and Strategies 16 Extended Problems: Reasoning		

1 Math Reasoning: Solutions Solve Problems Logically		Express clear and logical solutions to equal-measures problems and rate problems.
1 Math Reasoning: Solutions Estimation and Reasonable Answers		Express clear and logical solutions to equal-measures problems and rate problems.
1 Math Reasoning: Solutions (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Solutions Change Measurement	5.MD.1	Solve a measurement-conversion problem by using multiplication or division.
1 Math Reasoning: Solutions 5 Measurements in Story Problems	5.MD.1	Solve a story problem involving equal measures.
1 Math Reasoning: Solutions (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Solutions Decimal Solutions		Explain the advantages of exact solutions and approximate solutions to problems involving addition or subtraction of decimal numbers, and give answers to a specified degree of accuracy, such as hundredths. Make precise calculations and use the situation presented in a problem involving decimal-number operations to check the validity of the result.
1 Math Reasoning: Solutions 8 Reasonable Solutions		Evaluate whether a solution for a problem is reasonable.
1 Math Reasoning: Solutions Core Focus		
1 Math Reasoning: Solutions 1 Unit Review		
1 Math Reasoning: Solutions 11 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.

1 Math Reasoning: Solutions 1 Unit Checkpoint		
1 Math Reasoning: Solutions 1 Extended Problems: Real-World Application		
1 Data Analysis and Representation 1 Organize Data to Draw Histograms (A)		Organize and display single-variable data in a histogram.
1 Data Analysis and Representation 2 Organize Data to Draw Histograms (B)		Organize and display single-variable data in a histogram.
1 Data Analysis and Representation 3 Create Circle Graphs		Organize and display single-variable data in a circle graph.
1 Data Analysis and Representation 4 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Data Analysis and Representation 5 Line Plots (A)	5.MD.2.	Use operations on fractions to solve problems involving information presented in line plots.
1 Data Analysis and Representation 6 Line Plots (B)	5.MD.2.	Use operations on fractions to solve problems involving information presented in line plots.
1 Data Analysis and Representation 7 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Data Analysis and Representation 8 Interpret Graphs and Tables		Interpret information displayed in a graph or table.
1 Data Analysis and Representation 9 Fractions, Percents,		Use fractions and percents to compare different data sets.

and Graphs		
1 Data Analysis and Representation 10 Choose an Appropriate Graph		Explain which types of graphs are appropriate for various data sets.
1 Data Analysis and Representation 11 Core Focus		
1 Data Analysis and Representation 12 Unit Review		
1 Data Analysis and Representation 13 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Data Analysis and Representation 14 Unit Checkpoint		
1 Data Analysis and Representation 15 Extended Problems: Reasoning		
1 Semester Review and Assessment 1 Semester Review		
1 Semester Review and Assessment 2 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Semester Review and Assessment 3 Semester Checkpoint 1		
1 Semester Review and Assessment 4 Semester Checkpoint 2		
Whole Numbers and Powers Round		Round whole numbers in a story problem. Round a whole number. Identify and explain when rounding is useful.

Whole Numbers in Story Problems		Represent and compute a power by using repeated multiplication. Solve a problem that involves powers. Estimate or calculate a sum or a difference in a whole-number problem. Estimate or calculate a product or a quotient in a whole-number problem. Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a product or quotient in a whole-number story problem.
Whole Numbers and Powers Estimate and Find Sums and Differences		Demonstrate automatic recall of addition facts with sums through 20. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Explain and apply standard step-by-step approaches for subtraction. Estimate sums and differences on a number line. Explain and apply standard step-by-step approaches for addition. Estimate or calculate a sum or a difference in a whole-number problem.
Whole Numbers and Powers 3 Estimate Sums and Differences (A)		Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a sum or a difference in a whole-number problem. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result.
Whole Numbers and Powers Estimate Sums and Differences (B)		Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a sum or a difference in a whole-number problem. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result.
Whole Numbers and Powers Multiply Whole Numbers	5.NBT.5	Fluently multiply multidigit whole numbers using the standard algorithm. Explain and apply standard step-by-step approaches for multiplication.
Whole Numbers and Powers Divide Whole Numbers	5.NBT.6	Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality. Explain and apply standard step-by-step approaches for division of a multidigit number by a 1- or 2-digit divisor. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using the standard algorithm.

Whole Numbers and Powers Solve Story Problems	5.NBT.5 5.NBT.6	Fluently multiply multidigit whole numbers using the standard algorithm. Determine whether multiplication or division is the appropriate operation to use to solve a story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies.
Whole Numbers and Powers Multistep Story Problems	5.NBT.5 5.NBT.6	Determine which operations are appropriate to use to solve a multi-step story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Fluently multiply multidigit whole numbers using the standard algorithm. Solve multistep story problems using multiple operations. Analyze a story problem by identifying the question, recognizing relevant information, and developing a solution strategy. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder.
Whole Numbers and Powers Place-Value Patterns	5.NBT.1	Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.
Whole Numbers and Powers 1 Bases and Exponents (A)		Represent and compute a power by using repeated multiplication.
Whole Numbers and Powers 1 Bases and Exponents (B)		Represent and compute a power by using repeated multiplication.
Whole Numbers and Powers 1 Core Focus		Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Fluently multiply multidigit whole numbers using the standard algorithm. Solve multistep story problems using multiple operations. Determine which operations are appropriate to use to solve a multi-step story problem.
Whole Numbers and Powers 1 Unit Review		Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Represent and compute a power by using repeated multiplication. Estimate or calculate a sum or a difference in a whole-number problem. Fluently multiply multidigit whole numbers using the standard algorithm. Estimate or calculate a sum or a difference in a whole-number story problem. Solve multistep story problems using multiple operations.

		Solve a problem that involves powers. Round whole numbers in a story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using the standard algorithm.
Whole Numbers and Powers 1 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Whole Numbers and Powers 1 Unit Checkpoint		
Whole Numbers and Powers 1 Extended Problems: Reasoning		Fluently multiply multidigit whole numbers using the standard algorithm. Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Solve a problem that involves powers. Analyze complex problems using mathematical knowledge and skills.
Geometry Angles (A)		Identify and draw perpendicular or parallel lines with appropriate math tools. Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Predict, describe, and perform transformations on two-dimensional shapes. Identify or draw a two-dimensional view of a three-dimensional object. Construct rectangles or triangles with appropriate math tools. Identify, measure, and draw angles with appropriate math tools. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Demonstrate understanding of relative angle measures. State and recognize the definitions of a right angle, an acute angle, an obtuse angle, and a straight angle.
Geometry Angles (B)		Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder. Identify, measure, and draw angles with appropriate math tools. Demonstrate understanding of relative angle measures.
Geometry 3 Perpendicular and Parallel Lines		Identify lines that are perpendicular. Identify lines that are parallel or intersecting. Identify and draw perpendicular or parallel lines with appropriate

		math tools.
Geometry Identify and Classify Triangles	5.G.3	Demonstrate automatic recall of addition facts with sums through 20. Demonstrate automatic recall of subtraction facts with minuends through 20. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of multiplication facts. Identify attributes of isosceles, equilateral, and right triangles. Define and sketch different types of triangles and identify their attributes. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category.
Geometry 5 Identify and Classify Quadrilaterals (A)	5.G.3 5.G.4	Determine the answer to a story problem to a specific degree of accuracy, such as hundredths. Estimate and measure the length of an object to the nearest centimeter. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Classify two-dimensional figures in a hierarchy based on their properties. Know how to define and sketch different quadrilaterals.
Geometry Identify and Classify Quadrilaterals (B)	5.G.3. 5.G.4	Classify two-dimensional figures in a hierarchy based on their properties. Know how to define and sketch different quadrilaterals. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Identify attributes of parallelograms, rectangles, and squares.
Geometry Identify and Classify Quadrilaterals (C)	5.G.3. 5.G.4	Draw or identify a triangle or a quadrilateral on the basis of a given description. Classify two-dimensional figures in a hierarchy based on their properties. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Identify attributes of parallelograms, rectangles, and squares.
Geometry 8 Construct Triangles and Quadrilaterals		Construct rectangles or triangles with appropriate math tools. Know how to define and sketch different quadrilaterals. Define and sketch different types of triangles and identify their attributes.
Geometry Angles and Triangles (A)		Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Define and sketch different types of triangles and identify their attributes. Identify attributes of isosceles, equilateral, and right triangles. Use objects or sketches to solve a story problem that involves addition or subtraction of fractions.

		Identify the diameter and radius of a circle. Order three or more decimal numbers. Estimate the length of a line segment to the nearest inch or centimeter.
Geometry 1 Angles and Triangles (B)		Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Define and sketch different types of triangles and identify their attributes. Identify attributes of isosceles, equilateral, and right triangles.
Geometry 1 Angles in a Quadrilateral (A)		Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Demonstrate automatic recall of addition facts with sums through 20. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Use the inverse relationship of multiplication and division to compute and check results. Identify attributes of parallelograms, rectangles, and squares. Know how to define and sketch different quadrilaterals.
Geometry 1 Angles in a Quadrilateral (B)		Identify attributes of parallelograms, rectangles, and squares. Know how to define and sketch different quadrilaterals. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems.
Geometry 1 Core Focus		Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Classify two-dimensional figures in a hierarchy based on their properties. Know how to define and sketch different quadrilaterals. Define and sketch different types of triangles and identify their attributes.
Geometry 14 Unit Review		Identify that the sum of the interior angles of any triangle is 180º and solve related problems. Define and sketch different types of triangles and identify their attributes. Identify and draw perpendicular or parallel lines with appropriate math tools. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Identify, measure, and draw angles with appropriate math tools. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Know how to define and sketch different quadrilaterals. Classify two-dimensional figures in a hierarchy based on their properties.

Geometry 15 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Geometry 1 Unit Checkpoint		
Geometry 17 Extended Problems: Real-World Application		Define and sketch different types of triangles and identify their attributes. Classify two-dimensional figures in a hierarchy based on their properties. Partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole. Know how to define and sketch different quadrilaterals. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Solve multistep story problems using multiple operations. Apply mathematical knowledge and skills to evaluate and analyze real-world situations.
Fractions: Multiplication & Division 1 Fraction Multiplication (A)	5.NF.4	Use models and equations to multiply a whole number or a fraction by a fraction. Recognize and determine equivalent fractions. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality.
Fractions: Multiplication & Division 2 Fraction Multiplication (B)	5.NF.4	Use models and equations to multiply a whole number or a fraction by a fraction.
Fractions: Multiplication & Division Fraction Multiplication (C)	5.NF.4	Use models and equations to multiply a whole number or a fraction by a fraction. Recognize and determine equivalent fractions.
Fractions: Multiplication & Division 4 Fraction Multiplication (D)	5.NF.4 5.NF.6	Use models and equations to multiply a whole number or a fraction by a fraction.
Fractions: Multiplication & Division 5 Multiplication as Scaling	5.NF.5	Explain why multiplying a given number by a positive fraction less than 1 results in a product smaller than the given number. Interpret multiplication as scaling. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Explain why multiplying a given number by a fraction greater than 1 results in a product greater than the given number.
Fractions:	5.NF.3	Explain and give examples of different interpretations of fractions. Divide whole numbers by unit fractions and unit fractions by whole

Multiplication & Division 6 Fractions as Division Problems		numbers.
Fractions: Multiplication & Division 7 Fraction Division (A)	5.NF.7	Divide whole numbers by unit fractions and unit fractions by whole numbers. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of multiplication facts. Demonstrate automatic recall of addition facts with sums through 20. Demonstrate automatic recall of subtraction facts with minuends through 20.
Fractions: Multiplication & Division 8 Fraction Division (B)	5.NF.7	Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Multiply a fraction by a whole number to solve a story problem. Divide whole numbers by unit fractions and unit fractions by whole numbers.
Fractions: Multiplication & Division 9 Fraction Division (C)	5.NF.7	Divide whole numbers by unit fractions and unit fractions by whole numbers.
Fractions: Multiplication & Division 10 Core Focus		Use models and equations to multiply a whole number or a fraction by a fraction. Solve real-world problems involving multiplication of fractions and mixed numbers.
Fractions: Multiplication & Division 11 Unit Review		Interpret multiplication as scaling. Explain how multiplying two fractions or multiplying a fraction and a whole number affects the size of the product. Divide whole numbers by unit fractions and unit fractions by whole numbers. Use models and equations to multiply a whole number or a fraction by a fraction. Explain and give examples of different interpretations of fractions. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Solve real-world problems involving multiplication of fractions and mixed numbers.
Fractions: Multiplication & Division 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.

Fractions: Multiplication & Division 13 Unit Checkpoint		
Fractions: Multiplication & Division 14 Extended Problems: Reasoning		Explain how multiplying two fractions or multiplying a fraction and a whole number affects the size of the product. Divide whole numbers by unit fractions and unit fractions by whole numbers. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Solve real-world problems involving multiplication of fractions and mixed numbers. Analyze complex problems using mathematical knowledge and skills. Use models and equations to multiply a whole number or a fraction by a fraction.
Problems Involving Fractions Fraction Multiplication Story Problems (A)	5.NF.6	Solve a story problem involving multiplication or division of fractions. Solve real-world problems involving multiplication of fractions and mixed numbers. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder. Multiply fractions and explain a step-by-step approach.
Problems Involving Fractions Fraction Multiplication Story Problems (B)	5.NF.6	Solve real-world problems involving multiplication of fractions and mixed numbers. Multiply fractions and explain a step-by-step approach.
Problems Involving Fractions Add and Subtract Fractions (A)	5.NF.1	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Add and Subtract Fractions (B)	5.NF.1	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Add and Subtract Fractions (C)	5.NF.1	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Add and Subtract Fractions (D)	5.NF.1 5.NF.2	Solve a simple problem involving addition or subtraction of fractions.
Problems Involving Fractions Core Focus		Solve a simple problem involving addition or subtraction of fractions.
Problems Involving		Solve a simple problem involving addition or subtraction of fractions.

Fractions Unit Review		Solve real-world problems involving multiplication of fractions and mixed numbers.
Problems Involving Fractions (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Problems Involving Fractions 1 Unit Checkpoint		
Problems Involving Fractions 1 Extended Problems: Real-World Application		Solve real-world problems involving multiplication of fractions and mixed numbers. Represent a data set of measurements in fractions of a unit on a line plot (limited to 1/2, 1/4, and 1/8). Apply mathematical knowledge and skills to evaluate and analyze real-world situations. Solve problems involving addition of fractions using information recorded in line plots (limited to 1/2, 1/4, and 1/8). Solve a simple problem involving addition or subtraction of fractions. Solve problems involving subtraction of fractions using information recorded in line plots (limited to 1/2, 1/4, and 1/8).
Decimals: Addition and Subtraction 1 Compare Decimals	5.NBT.1 5.NBT.3	Compare decimal numbers. Identify decimal place values through thousandths. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder.
Decimals: Addition and Subtraction 2 Compare and Expand Decimals	5.NBT.1 5.NBT.3	Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Read, write, compare, and order decimals to thousandths. Write decimals in expanded form.
Decimals: Addition and Subtraction 3 Order Three Decimal Numbers		Determine whether addition, subtraction, multiplication, or division is the appropriate operation to use to solve a story problem and solve the problem. Solve problems by using combinations of coins and bills. Demonstrate an understanding of how addition and subtraction affect whole numbers. Determine a missing number in an equation or an inequality. Compare decimal numbers. Order three or more decimal numbers.
Decimals: Addition and Subtraction 4 Roun Decimals Through Hundredths	5.NBT.4	Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of addition facts with sums through 20.

		Round a decimal number to any place through hundredths.
Decimals: Addition and Subtraction 5 (Optional) Your Choice	5.NBT.7	Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Decimals: Addition and Subtraction 6 Decimal Addition	5.NBT.7	Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Identify decimal place values through thousandths.
Decimals: Addition and Subtraction 7 Decimal Subtraction	5.NBT.7	Add or subtract decimals to hundredths, using models or drawings and strategies based on place value.
Decimals: Addition and Subtraction 8 Solve Story Problems with Decimals	5.NBT.7	Solve a story problem involving addition or subtraction of decimal numbers. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value.
Decimals: Addition and Subtraction 9 Estimate Decimal Sums and Differences	5.NBT.7	Estimate the sum or difference in a problem involving decimal numbers. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Round a decimal number.
Decimals: Addition and Subtraction 10 Core Focus		Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Round a decimal number to any place through hundredths. Estimate the sum or difference of positive decimal numbers. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Solve an addition or subtraction problem involving decimal numbers.
Decimals: Addition and Subtraction 11 Unit Review		Compare decimal numbers. Write decimals in expanded form. Add or subtract decimals to hundredths, using models or drawings and strategies based on place value. Order three or more decimal numbers. Solve a story problem involving addition or subtraction of decimal numbers. Estimate the sum or difference in a problem involving decimal numbers. Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. Round a decimal number to any place through hundredths.

		Read, write, compare, and order decimals to thousandths.
Decimals: Addition and Subtraction 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Decimals: Addition and Subtraction 13 Unit Checkpoint		
Decimals: Addition and Subtraction 14 Extended Problems: Reasoning		Solve a story problem involving addition or subtraction of decimal numbers. Verify that the calculated result of a problem involving addition or subtraction of decimal numbers is reasonable. Solve an addition or subtraction problem involving decimal numbers. Analyze complex problems using mathematical knowledge and skills. Demonstrate how and when to use the distributive property. Round a decimal number to any place up to hundredths.
Decimals: Multiplication and Division 1 Multiply and Divide by Powers of 10	5.NBT.3 5.NBT.4 5.NBT.7	Estimate or calculate a product or a quotient in a whole-number problem. Multiply or divide by a multiple or power of 10.
Decimals: Multiplication and Division 2 Expand and Compare Decimal Numbers	5.NBT.2 5.NBT.4 5.NBT.7	Write decimals in expanded form. Identify decimal place values through thousandths. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder. Compare decimal numbers.
Decimals: Multiplication and Division 3 Round to Estimate Decimal Products and Quotients	5.NBT.2 5.NBT.4 5.NBT.7	Round numbers through 10,000. Use place value to round decimals to any place. Estimate the product or quotient of a computation problem involving decimal numbers. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality.
Decimals: Multiplication and Division 4 Multiply and Divide Decimals (A)		Estimate the sum or difference in a problem involving decimal numbers. Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a sum or a difference in a whole-number problem. Solve a story problem involving multiplication or division of fractions. Estimate or calculate a product or quotient in a whole-number story problem. Solve a multiplication or division problem that involves decimal numbers.

		Estimate or calculate a product or a quotient in a whole-number problem.
Decimals: Multiplication and Division 5 Multiply and Divide Decimals (B)		Estimate or calculate a product or a quotient in a whole-number problem. Solve a multiplication or division problem that involves decimal numbers.
Decimals: Multiplication and Division 6 Multiply and Divide Decimals (C)		Solve a multiplication or division problem that involves decimal numbers. Verify that the calculated result of a problem involving multiplication or division of decimal numbers is reasonable. Demonstrate automatic recall of multiplication facts. Use the inverse relationship of multiplication and division to compute and check results. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of addition facts with sums through 20.
Decimals: Multiplication and Division 7 Compute Decimal Story Problems (A)		Solve a multiplication or division problem that involves decimal numbers. Solve a story problem that involves multiplication or division of decimal numbers.
Decimals: Multiplication and Division 8 Compute Decimal Story Problems (B)		Solve a multiplication or division problem that involves decimal numbers. Solve a story problem that involves multiplication or division of decimal numbers.
Decimals: Multiplication and Division 9 Compute Decimal Story Problems (C)		Solve a story problem that involves multiplication or division of decimal numbers.
Decimals: Multiplication and Division 10 Core Focus		Read, write, compare, and order decimals to thousandths. Estimate the product or quotient of a computation problem involving decimal numbers. Use place value to round decimals to any place.
Decimals: Multiplication and Division 11 Unit Review		Solve a multiplication or division problem that involves decimal numbers. Solve a story problem that involves multiplication or division of decimal numbers. Use place value to round decimals to any place. Estimate the product or quotient of a computation problem involving

		decimal numbers. Multiply or divide by a multiple or power of 10. Verify that the calculated result of a problem involving multiplication or division of decimal numbers is reasonable. Write decimals in expanded form. Compare decimal numbers.
Decimals: Multiplication and Division 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Decimals: Multiplication and Division 13 Unit Checkpoint		
Decimals: Multiplication and Division 14 Extended Problems: Real-World Application		Multiply or divide by a multiple or power of 10. Solve a story problem involving addition or subtraction of decimal numbers. Compare decimal numbers. Solve a story problem that requires finding rectangular area. Use place value to round decimals to any place. Apply mathematical knowledge and skills to evaluate and analyze real-world situations. Solve simple put-together problems using information from a bar graph. Estimate the product or quotient of a computation problem involving decimal numbers. Organize or display data using tables, bar graphs, line graphs or pictographs. Solve a story problem that involves multiplication or division of decimal numbers.
Semester Review and Checkpoint 1 Semester Review		Represent and compute a power by using repeated multiplication. Solve a multiplication or division problem that involves decimal numbers. Read, write, compare, and order decimals to thousandths. Solve real-world problems involving multiplication of fractions and mixed numbers. Estimate or calculate a product or quotient in a whole-number story problem. Solve a problem that involves powers. Identify, measure, and draw angles with appropriate math tools. Write decimals in expanded form. Solve real-world problems involving multiplication of fractions and mixed numbers. Round whole numbers in a story problem. Identify that the sum of the interior angles of any triangle is 180º and

		solve related problems. Round a decimal number to any place through hundredths. Order three or more decimal numbers. Divide whole numbers by unit fractions and unit fractions by whole numbers. Understand that attributes that apply to a category of two-dimensional figures also apply to all subcategories of that category. Define and sketch different types of triangles and identify their attributes. Estimate the sum or difference in a problem involving decimal numbers. Interpret multiplication as scaling. Classify two-dimensional figures in a hierarchy based on their properties. Fluently multiply multidigit whole numbers using the standard algorithm. Multiply or divide by a multiple or power of 10. Compare decimal numbers. Estimate or calculate a sum or a difference in a whole-number problem. Estimate or calculate a product or a quotient in a whole-number problem. Solve a simple problem involving addition or subtraction of fractions. Solve a story problem involving addition or subtraction of decimal numbers. Estimate the product or quotient of a computation problem involving decimal numbers. Verify that the calculated result of a problem involving multiplication or division of decimal numbers is reasonable. Solve multistep story problems using multiple operations. Use models and equations to multiply a whole number or a fraction by a fraction. Use place value to round decimals to any place. Know how to define and sketch different quadrilaterals. Estimate or calculate a sum or a difference in a whole-number story problem. Identify and draw perpendicular or parallel lines with appropriate math tools. Solve a story problem that involves multiplication or division of decimal numbers. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Compare the size of a product to the size of one factor on the basis of the size of the other factor, without multiplying. Add or subtract decimals to hundredths, using models or drawings and

		strategies based on place value. Identify and represent decimal numbers, fractions, mixed numbers, and positive and negative integers on a number line. Solve a problem involving addition or subtraction of integers.
Semester Review and Checkpoint 2 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Semester Review and Checkpoint 3 Semester Checkpoint 1		
Semester Review and Checkpoint 4 Semester Checkpoint 2		Read, write, compare, and order decimals to thousandths. Represent division of a unit fraction by a whole number such as using objects and pictorial models, including area models. Know how to define and sketch different quadrilaterals.
Algebra 1 Understand Variables in Algebra (A)		Use a letter to represent an unknown value in an expression or an equation.
Algebra 2 Understand Variables in Algebra (B)		Use a letter to represent an unknown value in an expression or an equation. Solve a problem that involves powers. Identify that the sum of the interior angles of any quadrilateral is 360º and solve related problems. Solve a simple problem involving addition or subtraction of fractions. Estimate or calculate a product or a quotient in a whole-number problem. Recognize and determine equivalent fractions.
Algebra 3 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Algebra Evaluate Numerical Expressions	5.OA.1 5.OA.2.	
Algebra Create and Interpret Numerical Expressions	5.OA.1 5.OA.2.	
Algebra One Variable in Algebraic Expressions		Evaluate a simple algebraic expression in one variable by using substitution.
Algebra (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.

Algebra Expression and Equation Problems (A)		Identify or use an expression or an equation to answer questions about a problem.
Algebra Expression and Equation Problems (B)		Identify or use an expression or an equation to answer questions about a problem.
Algebra 10 Expression and Equation Problems (C)		Identify or use an expression or an equation to answer questions about a problem.
Algebra 1 Core Focus		
Algebra 1 Unit Review		
Algebra 13 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Algebra 1 Unit Checkpoint		
Algebra 1 Extended Problems: Real-World Application		
Coordinate Planes 1 Quadrants in the Coordinate Plane	5.G.1	Identify and graph ordered pairs in all quadrants of a coordinate plane. Find distance between points on a coordinate grid with same first coordinate or same second coordinate. Draw a polygon on a coordinate grid when given coordinates of vertices. Solve word problems involving graphs of points on a coordinate plane.
Coordinate Planes 2 Ordered Pairs	5.G.1	Use the situation presented in a problem to describe the meaning of each coordinate of an ordered pair displayed on a graph.
Coordinate Planes 3 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Coordinate Planes 4 Graph or Write an Equation (A)	5.OA.3.	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 5 Graph or Write an Equation (B)	5.OA.3.	Graph or write an equation to solve a problem that involves a linear function.

Coordinate Planes 6 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Coordinate Planes 7 Graph or Write an Equation (C)	5.OA.3. 5.G.2	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 8 Graph or Write an Equation (D)	5.OA.3. 5.G.2	Graph or write an equation to solve a problem that involves a linear function.
Coordinate Planes 9 Core Focus		
Coordinate Planes 1 Unit Review		
Coordinate Planes 1 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
Coordinate Planes 1 Unit Checkpoint		
Coordinate Planes 1 Extended Problems: Real-World Application		
1 Perimeter, Area, and Volume Find the Perimeter of Plane Figures		Use a formula to find the perimeter of a rectangle or a square. Determine the perimeter of a plane figure and use appropriate units.
1 Perimeter, Area, and Volume Nets, Solids, and Surface Area		Construct a cube or a rectangular box from a two-dimensional pattern and determine the surface area.
1 Perimeter, Area, and Volume 3 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Perimeter, Area, and Volume Area of Irregular Shapes		Use squares to approximate the area of an irregular shape.
1 Perimeter, Area, and Volume How	5.MD.3	Estimate or determine the number of cubes required to fill a solid

Many Cubes Does It Take?	5.MD.4	figure.
1 Perimeter, Area, and Volume Volume of Solid Figures (A)	5.MD.3 5.MD.4 5.MD.5	Explain and determine the volume of a solid figure and use appropriate units.
1 Perimeter, Area, and Volume Volume of Solid Figures (B)	5.MD.3 5.MD.5	992 Explain and determine the volume of a solid figure and use appropriate units.
1 Perimeter, Area, and Volume 8 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Perimeter, Area, and Volume Units of Perimeter, Area, and Volume		Differentiate among appropriate units to measure perimeter, area, and volume.
1 Perimeter, Area, and Volume 1 Core Focus		
1 Perimeter, Area, and Volume 1 Unit Review		
1 Perimeter, Area, and Volume 12 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Perimeter, Area, and Volume 1 Unit Checkpoint		
1 Perimeter, Area, and Volume 14 Extended Problems: Reasoning		
1 Math Reasoning: Methods and Strategies Steps to Solve Story Problems (A)		Prioritize and sequence the information in a story problem that involves multiplication or division of decimal numbers.
1 Math Reasoning:		Prioritize and sequence the information in a story problem that

Methods and Strategies Steps to Solve Story Problems (B)		involves multiplication or division of decimal numbers.
1 Math Reasoning: Methods and Strategies Break Down Multistep Problems		Determine when and how to break a multistep whole-number story problem or money problem into simpler parts.
1 Math Reasoning: Methods and Strategies 4 Mathematical Reasoning Methods (A)		Use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams, and models, to explain mathematical reasoning in nonroutine or complex problems.
1 Math Reasoning: Methods and Strategies 5 Mathematical Reasoning Methods (B)		Use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams, and models, to explain mathematical reasoning in nonroutine or complex problems.
1 Math Reasoning: Methods and Strategies (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Methods and Strategies Choose and Use Strategies (A)		Identify and generalize methods for solving problems that are similar to each other.
1 Math Reasoning: Methods and Strategies Choose and Use Strategies (B)		Identify and generalize methods for solving problems that are similar to each other.
1 Math Reasoning: Methods and Strategies Choose and Use Strategies (C)		Identify and generalize methods for solving problems that are similar to each other.
1 Math Reasoning: Methods and		Apply strategies and results from simple story problems involving fractions to more complex problems.

Strategies 1 Solve Simple to Complex Problems (A)		
1 Math Reasoning: Methods and Strategies 1 Solve Simple to Complex Problems (B)		Apply strategies and results from simple story problems involving fractions to more complex problems.
1 Math Reasoning: Methods and Strategies 1 Core Focus		
1 Math Reasoning: Methods and Strategies 1 Unit Review		
1 Math Reasoning: Methods and Strategies 14 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Methods and Strategies 1 Unit Checkpoint		
1 Math Reasoning: Methods and Strategies 16 Extended Problems: Reasoning		
1 Math Reasoning: Solutions Solve Problems Logically		Express clear and logical solutions to equal-measures problems and rate problems.
1 Math Reasoning: Solutions Estimation and Reasonable Answers		Express clear and logical solutions to equal-measures problems and rate problems.
1 Math Reasoning: Solutions (Optional)		Identify and master skills and tasks from earlier in the course that have not yet been mastered.

Your Choice		
1 Math Reasoning: Solutions Change Measurement	5.MD.1	Solve a measurement-conversion problem by using multiplication or division.
1 Math Reasoning: Solutions 5 Measurements in Story Problems	5.MD.1	Solve a story problem involving equal measures.
1 Math Reasoning: Solutions (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Solutions Decimal Solutions		Explain the advantages of exact solutions and approximate solutions to problems involving addition or subtraction of decimal numbers, and give answers to a specified degree of accuracy, such as hundredths. Make precise calculations and use the situation presented in a problem involving decimal-number operations to check the validity of the result.
1 Math Reasoning: Solutions 8 Reasonable Solutions		Evaluate whether a solution for a problem is reasonable.
1 Math Reasoning: Solutions Core Focus		
1 Math Reasoning: Solutions 1 Unit Review		
1 Math Reasoning: Solutions 11 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Math Reasoning: Solutions 1 Unit Checkpoint		
1 Math Reasoning: Solutions 1 Extended Problems: Real-World Application		
1 Data Analysis and Representation 1 Organize Data to Draw		Organize and display single-variable data in a histogram.

Histograms (A)		
1 Data Analysis and Representation 2 Organize Data to Draw Histograms (B)		Organize and display single-variable data in a histogram.
1 Data Analysis and Representation 3 Create Circle Graphs		Organize and display single-variable data in a circle graph.
1 Data Analysis and Representation 4 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Data Analysis and Representation 5 Line Plots (A)	5.MD.2.	Use operations on fractions to solve problems involving information presented in line plots.
1 Data Analysis and Representation 6 Line Plots (B)	5.MD.2.	Use operations on fractions to solve problems involving information presented in line plots.
1 Data Analysis and Representation 7 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Data Analysis and Representation 8 Interpret Graphs and Tables		Interpret information displayed in a graph or table.
1 Data Analysis and Representation 9 Fractions, Percents, and Graphs		Use fractions and percents to compare different data sets.
1 Data Analysis and Representation 10 Choose an Appropriate Graph		Explain which types of graphs are appropriate for various data sets.
1 Data Analysis and Representation 11 Core Focus		
1 Data Analysis and Representation 12		

Unit Review		
1 Data Analysis and Representation 13 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Data Analysis and Representation 14 Unit Checkpoint		
1 Data Analysis and Representation 15 Extended Problems: Reasoning		
1 Semester Review and Assessment 1 Semester Review		
1 Semester Review and Assessment 2 (Optional) Your Choice		Identify and master skills and tasks from earlier in the course that have not yet been mastered.
1 Semester Review and Assessment 3 Semester Checkpoint 1		
1 Semester Review and Assessment 4 Semester Checkpoint 2		
Whole Numbers and Powers Round Whole Numbers in Story Problems		Round whole numbers in a story problem. Round a whole number. Identify and explain when rounding is useful. Represent and compute a power by using repeated multiplication. Solve a problem that involves powers. Estimate or calculate a sum or a difference in a whole-number problem. Estimate or calculate a product or a quotient in a whole-number problem. Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a product or quotient in a whole-number story problem.
Whole Numbers and Powers Estimate		Demonstrate automatic recall of addition facts with sums through 20. Use the inverse relationship of multiplication and division to compute

and Find Sums and Differences		and check results. Demonstrate automatic recall of subtraction facts with minuends through 20. Demonstrate automatic recall of multiplication facts. Explain and apply standard step-by-step approaches for subtraction. Estimate sums and differences on a number line. Explain and apply standard step-by-step approaches for addition. Estimate or calculate a sum or a difference in a whole-number problem.
Whole Numbers and Powers Estimate Sums and Differences (A)		Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a sum or a difference in a whole-number problem. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result.
Whole Numbers and Powers Estimate Sums and Differences (B)		Estimate or calculate a sum or a difference in a whole-number story problem. Estimate or calculate a sum or a difference in a whole-number problem. Use estimation to predict a solution to a story problem and to verify the reasonableness of the calculated result.
Whole Numbers and Powers Multiply Whole Numbers	5.NBT.5	Fluently multiply multidigit whole numbers using the standard algorithm. Explain and apply standard step-by-step approaches for multiplication.
Whole Numbers and Powers Divide Whole Numbers	5.NBT.6	Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Demonstrate automatic recall of multiplication facts. Determine a missing number in an equation or an inequality. Explain and apply standard step-by-step approaches for division of a multidigit number by a 1- or 2-digit divisor. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using the standard algorithm.
Whole Numbers and Powers Solve Story Problems	5.NBT.5 5.NBT.6	Fluently multiply multidigit whole numbers using the standard algorithm. Determine whether multiplication or division is the appropriate operation to use to solve a story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies.
Whole Numbers and Powers Multistep Story Problems	5.NBT.5 5.NBT.6	Determine which operations are appropriate to use to solve a multi-step story problem. Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies. Fluently multiply multidigit whole numbers using the standard algorithm.

		Solve multistep story problems using multiple operations. Analyze a story problem by identifying the question, recognizing relevant information, and developing a solution strategy. Solve a division problem that has a multidigit dividend, a one-digit divisor, and no remainder.
Whole Numbers and Powers Place-Value Patterns	5.NBT.1	Recognize that in a multidigit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.
Whole Numbers and Powers 1 Bases and Exponents (A)		Represent and compute a power by using repeated multiplication.
Whole Numbers and Powers 1 Bases and Exponents (B)		Represent and compute a power by using repeated multiplication.