

## Scope and Sequence

*Earlybird Kindergarten, Standards Edition*

*Primary Mathematics, Standards Edition*

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The check mark indicates where the topic is first introduced or specifically addressed.

	KA	KB	1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	6A	6B
<b>Whole Numbers</b>														
Understand and use ordinal numbers to describe position.			✓											
Count objects in a set, read and write numerals to 10.	✓		✓											
Compare two or more sets of objects up to 10 and identify which set is equal to, more than, or less than the other.	✓		✓											
Compare two sets of objects up to 10 and determine how many more or less are in one set than the other.		✓	✓											
Count and identify 1 more than or 1 less than a number within 10.	✓		✓											
Use place-value models to represent numbers to 30.		✓												
Count objects in a set, read, and write numerals to 30.		✓												
Count and identify 1 more than or 1 less than a number within 30.		✓	✓											
Understand number order and know that larger numbers describe sets with more objects in them than smaller numbers.	✓	✓	✓											
Count, read, and write whole numbers to 20.			✓											
Compare numbers within 20.			✓	✓										
Use place-value models to represent numbers to 100.		✓		✓										
Read, write in words, standard, and expanded notation, and identify place values of digits for numbers within 100.				✓										
Count and identify 1 more than, 1 less than, 10 more than, 10 less than a number within 100.				✓										
Compare numbers within 100 and use the symbols $<$ , $+$ , $>$ .				✓										
Make reasonable estimates when comparing numbers and sets of objects within 100.				✓										

	KA	KB	1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	6A	6B
Describe and extend regular number patterns within 100, including counting by 2's and 20's.				✓										
Use place-value models to represent numbers to 1000.					✓									
Read, write in words, standard, and expanded notation, identify place values of digits, and compare and order numbers within 1000.					✓									
Describe and extend regular number patterns within 1000.					✓									
Compare numbers within 1000 and use the symbols $<$ , $+$ , $>$ .					✓									
Use place-value models to represent numbers to 10,000.							✓							
Read, write in words, standard, and expanded notation, identify place values of digits, and compare and order numbers within 10,000.							✓							
Count on and back in steps of 1, 10, 100, and 1000 and complete or extend regular number patterns within 10,000.							✓							
Round numbers within 100,000 to the nearest 10 or 100							✓							
Round numbers within 10,000 to the nearest 10, 100, or 1000.							✓							
Use place-value models to represent numbers to 100,000.								✓						
Read, write in words, standard, and expanded notation, identify place values of digits, and compare and order numbers within 100,000.								✓						
Complete or extend regular number patterns for numbers within 100,000.								✓						
Use place-value models to represent numbers to 1,000,000.									✓					
Use place-value models to represent numbers to 1,000,000,000.									✓					
Read, write in words, standard, and expanded notation, identify place values of digits, and compare and order numbers within 1,000,000,000.									✓					
Complete or extend regular number patterns for numbers within 1,000,000,000.									✓					
Round numbers within 1,000,000,000 to the nearest 10, 100 or 1000									✓					

	KA	KB	1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	6A	6B
Read, write in words, standard, and expanded notation, and identify place values of digits and round numbers in the billions.											✓			
Round large numbers to the nearest 10, 100, 1000, 10,000, or 100,000.											✓			
<b>Addition and Subtraction of Whole Numbers</b>														
Understand number bonds and part-whole concept.		✓	✓											
Understand the meaning of addition (missing whole, putting together, counting on, and simple addition stories).		✓	✓		✓									
Understand the meaning of subtraction (missing part, taking away, counting back, and simple subtraction stories).		✓	✓		✓									
Use concrete objects to determine the answer to addition and subtraction problems for two numbers within 10.		✓												
Recognize when an estimate is reasonable.		✓												
Add/Subtract numbers within 20.			✓											
Use inverse relationship between addition and subtraction.			✓		✓	✓								
Learn addition and subtraction facts within 20.			✓											
Compare numbers by using subtraction to find the difference.				✓	✓									
Add/Subtract numbers within 100.				✓										
Count by 2's, and 5's within 100.		✓												
Count by 10's within 100.		✓		✓										
Find the sum of three 1-digit numbers.				✓										
Add/Subtract numbers within 1000.					✓									
Add/Subtract numbers within 10,000.							✓		✓					
Use estimation to verify the reasonableness of calculated results in addition and subtraction, check subtraction problems using addition.							✓		✓		✓			
Determine whether an estimate is sufficient for a specific problem situation.									✓					
Add/subtract numbers in the billions.											✓			
<b>Multiplication and Division of Whole Numbers</b>														
Use repeated addition and arrays to solve multiplication problems within 40.				✓	✓									
Use sharing and grouping to divide.				✓	✓									
Relate division to multiplication.					✓	✓	✓							

	KA	KB	1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	6A	6B
Recognize and extend regular linear patterns.				✓	✓	✓	✓							
Multiply/divide by 2's and 3's.					✓									
Learn multiplication/division facts for 2's and 3's.					✓									
Multiply/divide by 4's, 5's, and 10's.						✓								
Learn multiplication/division facts for 4's, 5's, and 10's.						✓								
Use repeated subtraction to divide and find the remainder.						✓								
Understand quotient and remainder.							✓							
Understand the properties of 0 and 1 in multiplication and division.							✓							
Multiply/Divide by 6's, 7's, 8's, and 9's.							✓							
Learn multiplication/division facts for 6's, 7's, 8's, and 9's.							✓							
Multiply numbers within 1000 by a 1-digit number.							✓							
Multiply numbers within 10,000 by a 1-digit number.							✓		✓					
Divide numbers within 1000 by a 1-digit number, including situations where there is a remainder.							✓							
Divide numbers within 10,000 by a 1-digit number, including situations where there is a remainder.							✓		✓					
Multiply numbers within 10,000 by a 2-digit number.									✓		✓			
Divide numbers within 10,000 by a 2-digit number.											✓			
Multiply/divide numbers within 1,000,000 by tens, hundreds, or thousands.											✓			
Use estimation to verify the reasonableness of calculated results in multiplication and division problems.							✓		✓		✓			
Check division problems using multiplication.							✓		✓		✓			
Find the factors and common factors of whole numbers within 100.									✓		✓			
Find the greatest common factor of up to 3 numbers within 100.											✓			
Identify prime numbers.									✓		✓			
Determine the prime factors of numbers within 100 and write the numbers as products of prime numbers, using exponents.											✓			
Find multiples and common multiples of whole numbers within 100.									✓		✓			

	KA	KB	1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	6A	6B
Find the lowest common multiple of up to 3 numbers within 100.											✓			
Use divisibility rules for 2, 3, 5, 6, 9, and 10.									✓		✓			
Use order of operations to solve mathematical expressions with or without parentheses.									✓		✓			
Understand the distributive property.											✓			
<b>Mental Math Strategies</b>														
Use the commutative and associative properties to perform mental calculations and check results.			✓	✓	✓	✓	✓		✓		✓			
Use the distributive property to perform mental calculations and check results.							✓		✓		✓			
Add 1-digit numbers involving renaming (e.g. 7 + 5) by making a ten.			✓											
Subtract 1-digit numbers involving renaming (e.g. 14 – 8) by subtracting from a ten.			✓											
Add/Subtract numbers within 100.				✓	✓	✓	✓							
Add/Subtract 1's, 10's, or 100's to numbers within 1000.					✓	✓	✓							
Subtract from 100.						✓								
Subtract from 1000.								✓	✓					
Add/Subtract a number close to 100 (e.g. 98).						✓	✓							
Add/subtract a number close to 1000 (e.g. 998).									✓					
Add/subtract a number close to a multiple of 100 (e.g. 498).											✓			
Add and subtract money in compound units (dollars and cents) when the cents are multiples of 5 or close to \$1.00.						✓		✓						
Add/Subtract measurements in compound units.								✓						
Add/Subtract tenths, hundredths, or thousandths to or from decimal numbers.										✓				
Multiply and divide tens, hundreds, and thousands by a 1-digit number.								✓						
Multiply by 99 or by 25.									✓		✓			
Multiply 10's by 10's or 100's.									✓					
Multiply by a number one less than a multiple of 10 or 100 (e.g. 49, 499).											✓			
<b>Fractions</b>														
Recognize and name halves and fourths.				✓		✓								
Recognize, write, name, and illustrate fractions of a whole (denominators 1-12).						✓								

	KA	KB	1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	6A	6B
Find the fraction with the same denominator to make a whole with another fraction.						✓								
Compare and order unit fractions.						✓								
Compare and order fractions with the same denominator or with the same numerator.								✓						
Find equivalent fractions and simplest form of a fraction.								✓	✓					
Compare and order fractions with different denominators.								✓	✓		✓		✓	
Recognize and name the fraction of a set.						✓		✓						
Find the value given the fraction of a set, using objects or drawings.						✓		✓						
Find the fraction of a set where the answer is a whole number.								✓	✓					
Find the fraction of a set where the answer is a whole number or a mixed number.											✓		✓	
Find coin amounts as a fraction of a dollar.								✓		✓				
Find fraction of a set for measurements (e.g. 10 minutes as a fraction of one hour).									✓		✓			
Add/Subtract like fractions.								✓						
Add/Subtract related fractions.									✓				✓	
Add/Subtract unlike fractions.											✓		✓	
Understand mixed numbers and improper fractions, convert between them, locate them on a number line.									✓				✓	
Relate division to fractions.									✓		✓			
Add/subtract mixed numbers.											✓		✓	
Determine the least common multiple and the greatest common divisor of whole numbers and use them to solve problems involving fractions.													✓	
Multiply a fraction by a whole number.									✓		✓		✓	
Multiply a fraction by a fraction.											✓		✓	
Divide a fraction by a whole number.											✓		✓	
Divide a whole number or a fraction by a fraction.											✓		✓	
<b>Money</b>														
Identify and know the value of coins and use the cent symbol.		✓		✓										
Identify and know the value of bills and use the dollar symbol.				✓										
Count combinations of coins.		✓		✓										
Count combinations of bills.				✓										

	KA	KB	1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	6A	6B
Count combinations of bills and coins to \$10.00.						✓								
Use decimal notation for money.						✓								
Use decimal notation to add and subtract money within \$10.00.						✓								
Use decimal notation to add and subtract money within \$100.00.								✓						
Multiply and divide money amounts in decimal notation.								✓						
<b>Decimals</b>														
Understand tenths, hundredths, thousandths, locate decimal numbers on a number line, compare decimal numbers.										✓		✓		
Convert a decimal to a fraction and simplify.										✓		✓		
Convert a fraction to a decimal number (denominators are a factor of 10, 100, or 1000).										✓		✓		
Compare and order decimal numbers of up to 3 decimal places and fractions.										✓		✓		
Round decimal numbers of up to 2 decimal places to the nearest whole number or to 1-decimal place.										✓				
Round decimal numbers up to 3 decimal places to the nearest whole number, to 1-decimal place, or to 2-decimal places.												✓		
Add/Subtract decimal numbers of up to 2 decimal places.										✓				
Add/Subtract decimal numbers of up to 3 decimal places.												✓		
Multiply/Divide decimal numbers of up to 2 decimal places by a whole number.										✓		✓		
Find the quotient of a division problem correct to 1 decimal place.										✓				
Find the quotient of a division problem correct to 2-decimal places.												✓		
Convert fractions to decimals correct to 2-decimal places.												✓		
Multiply/Divide decimal number by tens, hundreds, or thousands.												✓		
Multiply/divide a decimal number by a 2-digit whole number.												✓		
Multiply/divide a whole number or a decimal by a decimal.												✓		

	KA	KB	1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	6A	6B
Use estimation to verify the reasonableness of calculated results in problems involving decimal numbers.										✓		✓		
<b>Time</b>														
Understand sequence of events.		✓												
Demonstrate an understanding of the concept of time (morning, afternoon, evening, today, yesterday, tomorrow, week, and year).		✓												
Name the days of the week.		✓												
Understand the calendar as a tool for measuring time.		✓												
Tell time to the hour (analog clock face).		✓												
Relate time to events.		✓		✓										
Tell time to the half-hour (analog clock face).				✓										
Tell time to the nearest 5-minute mark (analog clock face).						✓								
Tell time to the minute (analog clock face).								✓						
Estimate reasonable time intervals.						✓								
Find the duration of time intervals.						✓		✓						
Find starting or ending times, given a time and the interval.						✓		✓						
Know relationships of time (years, months, days, weeks, hours, and seconds).						✓		✓						
Convert between of units of time.								✓		✓	✓	✓		
<b>Length, Weight, Mass, and Capacity</b>														
Compare and measure length and weight by making direct comparisons with reference objects.	✓		✓											
Compare and measure capacity by making direct comparisons with reference objects.	✓		✓											
Compare and measure length, and weight using nonstandard units.	✓		✓		✓									
Compare and measure capacity using nonstandard units.	✓		✓		✓									
Measure and estimate length of objects in meters and centimeters, yards, feet, and inches.					✓			✓						
Understand and estimate length in kilometers and miles.								✓						
Compare measurements made using different units.					✓									
Measure and estimate weight in kilograms, grams, pounds, and ounces.					✓			✓						

	KA	KB	1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	6A	6B
Measure and estimate capacity in liters, cups, pints, quarts, half-gallon, and gallon.						✓		✓						
Measure and estimate capacity in milliliters.								✓						
Convert units within a metric system using multiplication.								✓			✓			
Add/subtract measurements in compound units.								✓		✓				
Multiply/divide measurements in compound units.										✓				
Convert fractional measurements to a different unit or a compound unit, within a measuring system.											✓			
Convert units involving decimals within a measuring system.												✓		
<b>Perimeter, Area, and Volume</b>														
Find the perimeter of polygons.								✓						
Find the area of shapes by covering them with unit squares or by counting squares.								✓	✓		✓			
Understand and use units of area, such as square centimeter and square inch.								✓	✓		✓			
Find the area, perimeter, and unknown sides of rectangles.									✓		✓			
Find the area and perimeter of composite figures made from squares and rectangles.									✓		✓			
Derive the formula for area of a triangle and find the area of triangles.											✓			
Derive the formula for area of a parallelogram and find the area of parallelograms.											✓			
Find the surface area of cubes and rectangular prisms.											✓			
Count unit cubes in 2-dimensional representations of 3-dimensional solids.								✓						
Find the volume of solid figures by counting cubic units.								✓		✓				
Understand and use units of volume, such as cubic centimeter and cubic inch.										✓		✓		
Find the volume of rectangular prisms.										✓		✓		✓
Find the side of a rectangular prism given the volume and two sides or area of one side.												✓		
Understand the relationship between cubic centimeters, milliliters, and liters.										✓		✓		
Solve problems involving the change in height of liquids and volume of liquids in rectangular tanks, including rate problems.												✓		

	KA	KB	1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	6A	6B
Find the volume of triangular prisms and cylinders.														✓
Find the volume of composite figures involving prisms and cylinders.														✓
Identify the radius and diameter of a circle, find one given the other.									✓					✓
Derive the formula for circumference of a circle and find circumference when given the radius or diameter.														✓
Derive the formula for area of a circle and find area when given the radius or diameter.														✓
Find the perimeter and area of compound figures involving squares, rectangles, triangles, and half-circles or quarter circles.														✓
<b>Geometry</b>														
Give and follow directions about location.			✓											
Arrange and describe objects in space by proximity, position, and direction.			✓											
Identify, describe, and categorize common 2-dimensional and 3-dimensional objects.	✓													
Identify, describe, and categorize common 2-dimensional shapes, including the faces of 3-dimensional objects.	✓		✓			✓								
Identify common 2-dimensional shapes within compound shapes, combine shapes to form common shapes.			✓			✓								
Describe and classify common 3-dimensional shapes according to number and shape of faces, edges, and vertices.	✓					✓		✓	✓					
Describe and extend repeating patterns involving objects, colors, or shapes.	✓													
Describe and extend repeating patterns involving color and shapes.			✓			✓								
Describe and extend repeating patterns involving combination of shapes (compound shapes).						✓								
Identify common 3-dimensional shapes within compound shapes.								✓						
Identify intersecting and parallel lines.								✓						
Identify and describe polygons.								✓						
Identify attributes of triangles and quadrilaterals.								✓	✓			✓		
Identify right angles and compare angles to right angles.								✓						

	KA	KB	1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	6A	6B
Identify acute, obtuse, and right angles and relate $90^\circ$ , $180^\circ$ , $270^\circ$ , and $360^\circ$ with quarter, half, three-quarter, and whole turn.									✓					✓
Measure and construct angles.									✓			✓		
Identify perpendicular and parallel lines.									✓					
Name different types of triangles and quadrilaterals.									✓					
Find the lengths of unknown sides given the length of other sides or the perimeter of triangles and quadrilaterals.									✓					
Identify angles as vertical, adjacent, complementary, or supplementary and provide descriptions of these terms.														✓
Find unknown angles in figures based on identifying vertical, adjacent, complementary, or supplementary angles.												✓		✓
Know and use angle properties of intersecting lines, triangles, parallelograms, rhombuses, and trapezoids to solve problems involving finding unknown angles.												✓		✓
Construct triangles, parallelograms, and rhombuses with specified angles.												✓		✓
Construct trapezoids various quadrilaterals with specified angles and lengths of sides.														✓
Visualize, describe, and draw geometric solids.									✓		✓			
Identify nets of solids, or solids of nets.									✓					
Identify congruent figures									✓					
Create tessellations.									✓					
Identify figures that have line symmetry.										✓				
Identify figures that have rotational symmetry.										✓				
Understand the coordinate grid, locate points, and write ordered pairs (first quadrant).										✓		✓		
Understand the coordinate grid, locate points, and write ordered pairs (all four quadrants).												✓		
Find the length of horizontal and vertical lines on the coordinate grid.										✓				
<b>Percentage</b>														
Understand and use percent.												✓		
Find decimal and fraction equivalents for percentages.												✓		
Write fractions as percentages.												✓		

	KA	KB	1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	6A	6B
Solve problems involving percentage of a quantity.												✓	✓	
Solve problems involving part of a whole as a percentage.													✓	
Solve problems involving one quantity as a percentage of another.													✓	
Solve percentage problems using a unitary method.													✓	
Calculate given percentages of quantities and solve problems involving discounts at sales, interest earned, percentage increase or decrease.												✓	✓	
<b>Ratio/Average/Rate/Speed</b>														
Use ratios to compare two quantities.												✓	✓	
Use ratios to compare three quantities.												✓	✓	
Find equivalent ratios and simplify ratios												✓	✓	
Use ratios to solve problems.												✓	✓	
Relate ratios to fraction of a quantity.													✓	
Solve problems involving changing ratios.													✓	
Relate ratios to proportions.													✓	
Solve problems involving proportions.													✓	
Understand rate as the measure of one quantity per unit value of another.												✓	✓	
Solve problems involving rate.												✓	✓	
Use a unitary approach to solve rate problems.												✓	✓	
Solve discontinuous rate problems involving time.												✓	✓	
Understand and use speed and average speed to solve problems.													✓	
<b>Word Problems</b>														
Make addition/subtraction stories from problem situations.			✓											
Write equations and solve simple addition/subtraction stories.			✓	✓										
Solve simple multiplication/division problems using objects and pictures.				✓										
Write equations and solve one-step word problems involving addition/subtraction.				✓	✓	✓								
Write equations and solve one-step word problems involving multiplication/division.					✓	✓								
Solve simple word problems involving fraction of a set.						✓								
Solve 2-step word problems which involve the four operations on whole numbers.							✓		✓					

	KA	KB	1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	6A	6B
Solve 2-step word problems which involve fraction of a set.									✓					
Solve 2-step word problems which involve decimals and fractions.										✓				
Solve multi-step word problems involving all four operations on whole numbers, fractions, decimals, percentage, and ratios.											✓	✓	✓	
Solve multi-step word problems involving average, rate, and percentage.												✓	✓	
Solve multi-step word problems involving speed and average speed.													✓	
<b>Data Analysis and Probability</b>														
Identify, sort, and classify objects by common attributes (e.g. appearance, size, shape, color, pattern, function).	✓	✓												
Identify objects that do not belong to a particular group.	✓													
Sort objects and data by common attributes.			✓	✓										
Collect, organize, and represent data using objects, pictures, picture graphs, and bar graphs (within 10).	✓													
Represent and compare data using picture graphs				✓		✓								
Represent and compare data bar graphs.				✓		✓								
Represent and compare data using tally charts.				✓		✓								
Collect, organize, and analyze data using tables and bar graphs.						✓	✓			✓				
Collect, organize, and analyze data using tally charts.						✓	✓			✓				
Ask and solve questions related to data representation, including finding the range and mode.						✓	✓			✓		✓		
Collect, organize, and analyze data using line plots.							✓			✓		✓		
Collect, organize, and analyze data using line graphs.										✓		✓		
Collect, organize, and analyze data using coordinate graphs										✓		✓		
Collect, organize and display data in pie charts.												✓		
Collect, organize and display data in histograms.												✓		
Find the average of a set of data.												✓		
Find a data value given the average and the other values.												✓		
Identify the mode and median of categorical data.										✓				

	KA	KB	1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	6A	6B
Understand, find, and compare mean, median, and mode of a set of data.												✓		✓
Find the range of a set of data.														✓
Understand how additional data added to data sets may affect measures of central tendency.														✓
Understand how the inclusion or exclusion of outliers affects measures of central tendency.														✓
Compare different samples of a population with the data from the entire population and identify situations in which it makes sense to use a sample.														✓
Identify different ways of selecting a sample and which method makes the sample more representative of the population.														✓
Know why a specific measure of central tendency provides the most useful information in a given context.														✓
Analyze data displays and identify data that represent sampling errors.														✓
Identify claims based on statistical data and, in simple cases, evaluate the validity of the claims.														✓
Identify ordered pairs of data from a graph.										✓		✓		
Identify whether common events are certain, likely, unlikely, or impossible.							✓							
Record the possible outcomes for a simple event and systematically keep track of the outcome when it is repeated many times.							✓							
Summarize and display results of simple probability experiments, use the results to predict future events.							✓							
Represent all possible outcomes for simple probability experiments.									✓					✓
Express all possible outcome of experimental probability situations verbally and numerically and as fractions.									✓					✓
Use data to estimate the probability of future events.														✓
Represent probabilities as ratios, proportions, decimals, and percentages.														✓
Find the probability of disjoint events and understand that the theoretical probability of disjoint events is the sum of the two individual probabilities.														✓

	KA	KB	1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	6A	6B
Find the probability of combined events and understand that the theoretical probability of combined events is the product of the two probabilities.														✓
Understand the difference between independent and dependent events.														✓
<b>Algebra</b>														
Solve problems involving numeric equations or inequalities.		✓	✓	✓	✓		✓							
Select appropriate operational symbol to make an expression true.			✓	✓	✓		✓							
Use boxes and other symbols to stand for unknown numbers in expressions and equations.		✓	✓		✓		✓		✓					
Use letters to stand for unknown numbers in equations and solve for the unknown numbers using properties of the four operations.									✓		✓	✓	✓	
Represent unknown quantities with bar diagrams and solve word problems involving whole numbers using bar diagrams.							✓	✓	✓	✓	✓		✓	
Use bar diagrams to solve word problems involving fractions.									✓		✓		✓	
Use bar diagrams to solve word problems involving decimals.										✓		✓	✓	
Use bar diagrams to solve word problems involving percentage.												✓	✓	
Use bar diagrams to solve word problems involving ratio.											✓		✓	
Solve word problems involving the functional relationship between two quantities.										✓	✓	✓	✓	
Use and interpret formulas to answer questions about quantities and their relationships.									✓	✓	✓	✓		
Write simple equations involving related changes in quantities (e.g. $y = 3x + 5$ ) and solve for the dependent value when given the independent value.										✓		✓	✓	
Write and evaluate simple algebraic expressions in one variable using substitution.												✓	✓	
Write and evaluate simple algebraic expressions for a given situation, using up to three variables.													✓	
Use the distributive property in expressions with variables.												✓		✓
Simplify algebraic expressions in one variable.												✓		

	KA	KB	1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	6A	6B
Use variables in expressions describing geometric quantities.													✓	✓
Solve simple algebraic equations in one variable.													✓	✓
Solve problems involving simple linear functions with whole numbers values, write the equation, and graph the resulting ordered pairs on a grid.										✓		✓	✓	
Understand and interpret negative numbers, locate negative numbers on a number line, compare and order integers.									✓			✓		
Compare and order positive and negative fractions, decimals, and mixed numbers and place them on a number line.													✓	
Recognize and extend regular number patterns that include negative numbers.									✓					
Find the numerical value of negative numbers.												✓		
Add and subtract positive and negative integers.												✓		✓
Multiply and divide positive and negative integers.														✓
Apply algebraic order of operations and the commutative, associative, and distributive properties to evaluate expressions that involve positive and negative integers.														✓
Solve problems involving linear functions with integer values, write the equation, and graph the resulting ordered pairs on a grid.												✓	✓	✓