SADLIER

Progress in Mathematics

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Common Core Progress Mathematics

Common Core State Standards for Mathematics

Grade 6 Crosswalk

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Skills Update—Review of Grade 5 Skills

Progr	ESS IN MATHEMATICS, GRADE 6	COMMON COF	RE PROGRESS MATHEMATICS, GRADE 6	COMMON	CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6
SU	Whole Numbers: Place Value, Compare, and Order—p. 1				
SU	Round Whole Numbers—p. 2				
SU	Factors, Multiples, and Divisibility—p. 3	Lesson 14	Find the Greatest Common Factor and Least Common Multiple—pp. 120–127	6.NS.4	Find the greatest common factor of two whole numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12. Use the distributive property to express a sum of two whole numbers 1–100 with a common factor as a multiple of a sum of two whole numbers with no common factor.
					For example, express $36 + 8$ as $4 (9 + 2)$.
SU	Decimals to Hundredths—p. 4	Hundredths—p. 4 Lesson 12 Add and Subtract Multi-digit Decimals— pp. 104–111	6.NS.3	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard	
		Lesson 13	Multiply and Divide Multi-digit Decimals—pp. 112–119		algorithm for each operation
SU	Add Whole Numbers and Decimals—p. 5				
SU	Subtract Whole Numbers and Decimals—p. 6	Lesson 12	Add and Subtract Multi-digit Decimals—pp. 104–111	6.NS.3	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard
		Lesson 13	Multiply and Divide Multi-digit Decimals—pp. 112–119		algorithm for each operation
SU	Inverse Operations: Addition and Subtraction—p. 7				
SU	Properties of Addition and Multiplication—p.	Lesson 24	Generate and Identify Equivalent Expressions—pp. 206–213	6.EE.3	Apply the properties of operations to generate equivalent expressions.
					For example, apply the distributive property to the expression 3 $(2 + x)$ to produce the equivalent expression $6 + 3x$; apply the distributive property to the expression $24x + 18y$ to produce the equivalent expression $6 (4x + 3y)$; apply properties of operations to $y + y + y$ to produce the equivalent expression $3y$.

Skills Update—Review of Grade 5 Skills

PROGRESS IN MATHEMATICS, GRADE 6		COMMON COF	RE PROGRESS MATHEMATICS, GRADE 6	Соммон	CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6
SU	Multiply 1- and 2-Digit Numbers—p. 9				
SU	Trial Quotients —p. 10	Lesson 11	Divide Multi-digit Numbers—pp. 96–103	6.NS.2	Fluently divide multi-digit numbers using the
SU	Divide Whole Numbers—p. 11				standard algorithm.
SU	Add and Subtract Fractions: Like Denominators—p. 12				
SU	Make Pictographs—p. 13				
SU	Make Bar Graphs—p. 14				
SU	Equally/Not Equally Likely Outcomes —p. 15				
SU	List Outcomes —p. 16				
SU	Geometric Figures —p. 17				
SU	Lines: Intersecting and Parallel—p. 18				
SU	Polygons—p. 19				
SU	Metric Units of Length—p. 20				
SU	Metric Units of Capacity and Mass—p. 21				
SU	Customary Units of Length—p. 22				
SU	Customary Units of Capacity and Weight—p. 23				
SU	Read an Inch Ruler—p. 24				
SU	Perimeter and Area of Rectangles—p. 25	Lesson 31	Find Areas of Parallelograms and Triangles—pp. 268–275	6.G.1	Find the area of right triangles, other triangles, special quadrilaterals, and polygons by
		Lesson 32	Find Areas of Polygons—pp. 276–283		composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems.

Chapter 1 Number Sense, Addition, and Subtraction

PROGRES	ss in Mathematics, Grade 6	COMMON COF	E PROGRESS MATHEMATICS, GRADE 6	COMMON	Core State Standards for Mathematics, Grade 6
1-1	Place Value—pp. 34–35				
1-2	Expanded Form—pp. 36–37				
1-3	Place Value and Exponents—pp. 38–39	Lesson 20	Write and Evaluate Numerical Expressions with Exponents—pp. 174–181	6.EE.1	Write and evaluate numerical expressions involving whole-number exponents.
1-4	Compare and Order Decimals—pp. 40-41				
1-5	Round Whole Numbers and Decimals—pp. 42–43				
1-6	Estimate Decimal Sums and Differences—pp. 44–45				
1-7	Addition of Whole Numbers and Decimals— pp. 46–47	Lesson 12	Add and Subtract Multi-digit Decimals—pp. 104–111	6.NS.3	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard
1-8	Subtraction of Whole Numbers and Decimals—pp. 48–49	Lesson 13	Multiply and Divide Multi-digit Decimals—pp. 112–119		algorithm for each operation
1-9	Addition and Subtraction of Decimals—pp. 50-51				
I-10	Addition and Subtraction Expressions—pp. 52–53	Lesson 12	Add and Subtract Multi-digit Decimals—pp. 104–111	6.NS.3	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard
		Lesson 13	Multiply and Divide Multi-digit Decimals—pp. 112–119		algorithm for each operation
		Lesson 21	Write Algebraic Expressions to Record Operations—pp. 182–189	6.EE.2a	Write expressions that record operations with numbers and with letters standing for numbers.
					For example, express the calculation "Subtract y from 5 " as $5-y$.
		Lesson 22	Identify Parts of an Expression —pp. 190–197	6.EE.2b	Identify parts of an expression using mathematical terms (sum, term, product, factor, quotient, coefficient); view one or more parts of an expression as a single entity.
					– continued on next page –

Chapter 1 Number Sense, Addition, and Subtraction

Progress in Mathematics, Grade 6		COMMON COR	COMMON CORE PROGRESS MATHEMATICS, GRADE 6		COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6		
					– continued from previous page –		
					For example, describe the expression 2 $(8 + 7)$ as a product of two factors; view $(8 + 7)$ as both a single entity and a sum of two terms.		
		Lesson 26	Write Algebraic Expressions to Represent Problems—pp. 222–229	6.EE.6	Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.		
1-11	Evaluate Addition and Subtraction Expressions—pp. 54–55	Lesson 23	Evaluate Algebraic Expressions —pp. 198–205	6.EE.2.c	Evaluate expressions at specific values of their variables. Include expressions that arise from formulas used in real-world problems. Perform arithmetic operations, including those involving whole-number exponents, in the conventional order when there are no parentheses to specify a particular order (Order of Operations).		
					For example, use the formulas $V = s3$ and $A = 6 s2$ to find the volume and surface area of a cube with sides of length $s = 1/2$.		
		Lesson 26	Write Algebraic Expressions to Represent Problems—pp. 222–229	6.EE.6	Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.		
1-12	Problem Solving Strategy: Write an Equation—pp. 56–57	Lesson 26	Write Algebraic Expressions to Represent Problems—pp. 222-229	6.EE.6	Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.		

Chapter 1 Number Sense, Addition, and Subtraction

PROGRESS IN MATHEMATICS, GRADE 6		COMMON COF	COMMON CORE PROGRESS MATHEMATICS, GRADE 6		COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6	
		Lesson 27	Lesson 27 Solve Equations of the Form $x + p = q$ 6.E pp. 230–237	6.EE.7	6.EE.7 Solve real-world and mathematical problems by writing and solving equations of the form $x + p = q$ and $px = q$ for cases in which p , q and x are all nonnegative rational numbers.	
		Lesson 28	Solve Equations of the Form $px = q$ —pp. 238–245			
1-13	Problem Solving Applications: Mixed Review—pp. 58–59	Lesson 12	Add and Subtract Multi-digit Decimals— pp. 104–111	6.NS.3	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation	
		Lesson 13	Multiply and Divide Multi-digit Decimals—pp. 112–119			

Chapter 2 Multiplication: Whole Numbers and Decimals

Progre	SS IN MATHEMATICS, GRADE 6	COMMON COR	E PROGRESS MATHEMATICS, GRADE 6	COMMON	CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6
2-1	Multiplication Patterns —pp. 66–67	Lesson 12	Add and Subtract Multi-digit Decimals—pp. 104–111	6.NS.3	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard
		Lesson 13	Multiply and Divide Multi-digit Decimals—pp. 112–119		algorithm for each operation
2-2	Estimate Products—pp. 68-69				
2-3	Multiply Whole Numbers—pp. 70-71				
2-4	Multiply with Decimals —pp. 72–73	Lesson 12	Add and Subtract Multi-digit Decimals—pp. 104–111	6.NS.3	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation
		Lesson 13	Multiply and Divide Multi-digit Decimals—pp. 112–119		
2-5	Exponents—pp. 74–75	Lesson 20	Write and Evaluate Numerical Expressions with Exponents—pp. 174–181	6.EE.1	Write and evaluate numerical expressions involving whole-number exponents.

Chapter 2 Multiplication: Whole Numbers and Decimals

PROGRESS IN MATHEMATICS, GRADE 6		COMMON COR	COMMON CORE PROGRESS MATHEMATICS, GRADE 6		COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6	
		Lesson 23	Evaluate Algebraic Expressions —pp. 198–205	6.EE.2c	Evaluate expressions at specific values of their variables. Include expressions that arise from formulas used in real-world problems. Perform arithmetic operations, including those involving whole-number exponents, in the conventional order when there are no parentheses to specify a particular order (Orde of Operations).	
					For example, use the formulas $V = s^3$ and $A = 6 s^2$ to find the volume and surface area of a cube with sides of length $s = 1/2$.	
2-6	Scientific Notation—pp. 76–77					
2-7	Problem Solving Strategy: Use Simpler Numbers—pp. 78-79					
2-8	Problem Solving Applications: Mixed Review—pp. 80–81	Lesson 12	Add and Subtract Multi-digit Decimals—pp. 104–111	6.NS.3	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard	
		Lesson 13	Multiply and Divide Multi-digit Decimals—pp. 112–119		algorithm for each operation	
Chap Decir	ter 3 Division: Whole Numbers and mals					
Progre	ess in Mathematics, Grade 6	Common Cor	e Progress Mathematics, Grade 6	Common	Core State Standards for Mathematics, Grade 6	
3-1	Short Division—pp. 88-89	Lesson 11	Divide Multi-digit Numbers —pp. 96–103	6.NS.2	Fluently divide multi-digit numbers using the standard algorithm.	
3-2	Estimate Quotients—pp. 90-91					
3-3	Divide Whole Numbers—pp. 92-93	Lesson 11	Divide Multi-digit Numbers —pp. 96–103	6.NS.2	Fluently divide multi-digit numbers using the standard algorithm.	

Chapter 3 Division: Whole Numbers and Decimals

Progress in Mathematics, Grade 6		COMMON COR	COMMON CORE PROGRESS MATHEMATICS, GRADE 6		COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6	
3-4	Divide Decimals by 10, 100, and 1,000 —pp. 94–95	Lesson 12	Add and Subtract Multi-digit Decimals—pp. 104–111	6.NS.3	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard	
3-5	Divide Decimals by Whole Numbers —pp. 96–97	Lesson 13	Multiply and Divide Multi-digit Decimals—pp. 112–119		algorithm for each operation	
3-6	Patterns with Tenths, Hundredths, and Thousandths—pp. 98–99					
3-7	Estimate Decimal Quotients—pp. 100-101					
3-4	Subtract with Regrouping—pp. 106–107					
3-8	Decimal Divisors—pp. 102–103	Lesson 12	Add and Subtract Multi-digit Decimals—	6.NS.3	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard	
3-9	Zeros in Division—pp. 104–105	Lesson 13	Multiply and Divide Multi-digit Decimals—pp. 112–119		algorithm for each operation	
3-10	Multiplication and Division Expressions —pp. 106–107	Lesson 21	Write Algebraic Expressions to Record Operations—pp. 182–189	6.EE.2a	Write expressions that record operations with numbers and with letters standing for numbers.	
	L				For example, express the calculation "Subtract y from 5 " as $5-y$.	
		Lesson 22	Identify Parts of an Expression —pp. 190– 197	6.EE.2b	Identify parts of an expression using mathematical terms (sum, term, product, factor, quotient, coefficient); view one or more parts of an expression as a single entity.	
					For example, describe the expression 2 $(8 + 7)$ as a product of two factors; view $(8 + 7)$ as both a single entity and a sum of two terms.	
		Lesson 26	Write Algebraic Expressions to Represent Problems—pp. 222-229	6.EE.6	Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.	

Chapter 3 Division: Whole Numbers and Decimals

Progress in Mathematics, Grade 6		COMMON COF	e Progress Mathematics, Grade 6	COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6	
3-11	Evaluate Multiplication and Division Expressions—pp. 108–109	Lesson 23	Evaluate Algebraic Expressions —pp. 198–205	6.EE.2c	Evaluate expressions at specific values of their variables. Include expressions that arise from formulas used in real-world problems. Perform arithmetic operations, including those involving whole-number exponents, in the conventional order when there are no parentheses to specify a particular order (Order of Operations).
					For example, use the formulas $V = s^3$ and $A = 6 s^2$ to find the volume and surface area of a cube with sides of length $s = 1/2$.
		Lesson 26	Write Algebraic Expressions to Represent Problems—pp. 222–229	6.EE.6	Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.
3-12	Round Quotients—pp. 110-111	_			
3-13	Problem Solving Strategy: Interpret the Remainder—pp. 112–113				
3-14	Problem Solving Applications: Mixed Review—pp. 114–115	Lesson 11	Divide Multi-digit Numbers —pp. 96–103	6.NS.2	Fluently divide multi-digit numbers using the standard algorithm.
		Lesson 12	Add and Subtract Multi-digit Decimals—pp. 104–111	6.NS.3	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard
		Lesson 13	Multiply and Divide Multi-digit Decimals—pp. 112–119		algorithm for each operation

Progress in Mathematics, Grade 6		COMMON COR	RE PROGRESS MATHEMATICS, GRADE 6	COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6	
4-1	Order of Operations—pp. 122–123	Lesson 20	Write and Evaluate Numerical Expressions with Exponents—pp. 174–181	6.EE.1	Write and evaluate numerical expressions involving whole-number exponents.
		Lesson 23	Evaluate Algebraic Expressions —pp. 198–205	6.EE.2c	Evaluate expressions at specific values of their variables. Include expressions that arise from formulas used in real-world problems. Perform arithmetic operations, including those involving whole-number exponents, in the conventional order when there are no parentheses to specify a particular order (Order of Operations).
					For example, use the formulas $V = s^3$ and $A = 6 s^2$ to find the volume and surface area of a cube with sides of length $s = 1/2$.
*4-1A	Expressions—Online Les	Lesson 22	ldentify Parts of an Expression—pp. 190–197	6.EE.2b	Identify parts of an expression using mathematical terms (sum, term, product, factor, quotient, coefficient); view one or more parts of an expression as a single entity.
					For example, describe the expression 2 $(8 + 7)$ as a product of two factors; view $(8 + 7)$ as both a single entity and a sum of two terms.
		Lesson 23	Evaluate Algebraic Expressions—pp. 198–205	6.EE.2c	Evaluate expressions at specific values of their variables. Include expressions that arise from formulas used in real-world problems. Perform arithmetic operations, including those involving whole-number exponents, in the conventional order when there are no parentheses to specify a particular order (Order of Operations).
					For example, use the formulas $V = s^3$ and $A = 6 s^2$ to find the volume and surface area of a cube with sides of length $s = 1/2$.
4-2	Translate Expressions —pp. 124–125	Lesson 21	Write Algebraic Expressions to Record Operations—pp. 182–189	6.EE.2a	Write expressions that record operations with numbers and with letters standing for numbers.
					For example, express the calculation "Subtract y from 5 " as $5-y$.

Progress in Mathematics, Grade 6	s in Mathematics, Grade 6	COMMON CORE PROGRESS MATHEMATICS, GRADE 6		COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6	
		Lesson 22	Identify Parts of an Expression—pp. 190– 197	6.EE.2b	Identify parts of an expression using mathematical terms (sum, term, product, factor, quotient, coefficient); view one or more parts of an expression as a single entity.
					For example, describe the expression 2 $(8 + 7)$ as a product of two factors; view $(8 + 7)$ as both a single entity and a sum of two terms.
		Lesson 23	Evaluate Algebraic Expressions—pp. 198–205	6.EE.2c	Evaluate expressions at specific values of their variables. Include expressions that arise from formulas used in real-world problems. Perform arithmetic operations, including those involving whole-number exponents, in the conventional order when there are no parentheses to specify a particular order (Order of Operations).
					For example, use the formulas $V = s^3$ and $A = 6 s^2$ to find the volume and surface area of a cube with sides of length $s = 1/2$.
		Lesson 26	Write Algebraic Expressions to Represent Problems—pp. 222-229	6.EE.6	Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.
		Lesson 27	Solve Equations of the Form x + p = q—pp. 230–237	6.EE.7	Solve real-world and mathematical problems by writing and solving equations of the form <i>x</i>
		Lesson 28	Solve Equations of the Form px = q —pp. 238–245		+ p = q and $px = q$ for cases in which p , q and x are all nonnegative rational numbers.
*4-2A	Expressions Involving Exponents—Online	Lesson 20	Write and Evaluate Numerical Expressions with Exponents—pp. 174–181	6.EE.1	Write and evaluate numerical expressions involving whole-number exponents.
4-3	Evaluate Algebraic Expressions—pp. 126–127	Lesson 20	Write and Evaluate Numerical Expressions with Exponents—pp. 174–181	6.EE.1	Write and evaluate numerical expressions involving whole-number exponents.

Progress in Mathematics, Grade 6	COMMON COR	COMMON CORE PROGRESS MATHEMATICS, GRADE 6		COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6	
	Lesson 24	Generate and Identify Equivalent Expressions—pp. 206–213	6.EE.3	Apply the properties of operations to generate equivalent expressions.	
				For example, apply the distributive property to the expression 3 $(2 + x)$ to produce the equivalent expression $6 + 3x$; apply the distributive property to the expression $24x + 18y$ to produce the equivalent expression $6(4x + 3y)$; apply properties of operations to $y + y + y$ to produce the equivalent expression $3y$.	
	Lesson 26	Write Algebraic Expressions to Represent Problems—pp. 222–229	6.EE.6	Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.	
	Lesson 27	Solve Equations of the Form x + p = q—pp. 230–237	6.EE.7	Solve real-world and mathematical problems by writing and solving equations of the form $x + p = q$ and $px = q$ for cases in which p , q and x are all nonnegative rational numbers.	
	Lesson 28	Solve Equations of the Form $px = q$ —pp. 238–245			
*4-3A Equivalent Expressions—Online	Lesson 24	Generate and Identify Equivalent Expressions—pp. 206–213	6.EE.4	Identify when two expressions are equivalent (i.e., when the two expressions name the same number regardless of which value is substituted into them).	
				For example, the expressions $y + y + y$ and 3y are equivalent because they name the same number regardless of which number y stands for.	
*4-3B Simplify Expressions—Online	Lesson 24	Generate and Identify Equivalent Expressions—pp. 206–213	6.EE.3	Apply the properties of operations to generate equivalent expressions.	
				For example, apply the distributive property to the expression $3(2+x)$ to produce the equivalent expression $6+3x$; apply the distributive property to the expression $24x+18y$ to produce the equivalent expression $6(4x+3y)$; apply properties of operations to $y+y+y$ to produce the equivalent expression $3y$.	

PROGRESS	S IN MATHEMATICS, GRADE 6	COMMON COF	E Progress Mathematics, Grade 6	Соммон	CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6
4-4	Equations and Inequalities—pp. 128–129	Lesson 25	Identify Solutions to Equations and Inequalities—pp. 214–221	6.EE.5	Understand solving an equation or inequality as a process of answering a question: which values from a specified set, if any, make the equation or inequality true? Use substitution to determine whether a given number in a specified set makes an equation or inequality true.
4-4	Equations and Inequalities—pp. 128-129	Lesson 25	· · · · · · · · · · · · · · · · · · ·	6.EE.5	Understand solving an equation or inequality
*4-4A	Inequalities—Online		Inequalities—pp. 214–221		as a process of answering a question: which values from a specified set, if any, make the equation or inequality true? Use substitution to determine whether a given number in a specified set makes an equation or inequality true.
		Lesson 29	Graph Solutions to Inequalities —pp. 246–253	6.EE.8	Write an inequality of the form $x > c$ or $x < c$ to represent a constraint or condition in a realworld or mathematical problem. Recognize that inequalities of the form $x > c$ or $x < c$ have infinitely many solutions; represent solutions of such inequalities on number line diagrams.
4-5	Addition Equations—pp. 130–131	Lesson 26	3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	6.EE.6	Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a
4-6	Subtraction Equations—pp. 132–133	-1	Problems —pp. 222–229		
4-7	Multiplication and Division Equations —pp. 134–135				variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.
		Lesson 27	Solve Equations of the Form x + p = q—pp. 230–237	6.EE.7	Solve real-world and mathematical problems by writing and solving equations of the form <i>x</i>
		Lesson 28	Solve Equations of the Form px = q —pp. 238–245		+ p = q and $px = q$ for cases in which p , q and x are all nonnegative rational numbers.
*4-7A	Write an Equation—Online	Lesson 27	Solve Equations of the Form x + p = q—pp. 230–237	6.EE.7	Solve real-world and mathematical problems by writing and solving equations of the form <i>x</i>
		Lesson 28	Solve Equations of the Form $px = q$ —pp. 238–245		+ p = q and $px = q$ for cases in which p , q and x are all nonnegative rational numbers.

PROGRES	Progress in Mathematics, Grade 6		re Progress Mathematics, Grade 6	COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6	
4-8	Use Formulas —pp. 136–137	Lesson 21	Write Algebraic Expressions to Record Operations—pp. 182–189	6.EE.2a	Write expressions that record operations with numbers and with letters standing for numbers.
					For example, express the calculation "Subtract y from 5 " as $5-y$.
4-9	Explore Order of Operations with a Calculator—pp. 138–139				
4-10	Problem Solving Strategy: Use More Than One Step—pp. 140–141	Lesson 26	Write Algebraic Expressions to Represent Problems—pp. 222–229	6.EE.6	Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.
		Lesson 27	Solve Equations of the Form x + p = q — pp. 230–237	6.EE.7	Solve real-world and mathematical problems by writing and solving equations of the form x
		Lesson 28	Solve Equations of the Form $px = q$ —pp. 238–245		+ p = q and $px = q$ for cases in which p , q and x are all nonnegative rational numbers.
4-11	Problem Solving Applications: Mixed Review—pp. 142–143	Lesson 21	Write Algebraic Expressions to Record Operations—pp. 182–189	6.EE.2a	Write expressions that record operations with numbers and with letters standing for numbers.
					For example, express the calculation "Subtract y from 5 " as $5-y$.
		Lesson 26	Write Algebraic Expressions to Represent Problems—pp. 222–229	6.EE.6	Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.
		Lesson 27	Solve Equations of the Form x + p = q—pp. 230–237	6.EE.7	Solve real-world and mathematical problems by writing and solving equations of the form <i>x</i>
		Lesson 28	Solve Equations of the Form px = q —pp. 238–245		+ p = q and $px = q$ for cases in which p, q and x are all nonnegative rational numbers.

Progre	ss in Mathematics, Grade 6	COMMON COR	re Progress Mathematics, Grade 6	Соммон	CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6
5-1	Integers —pp. 150-151	Lesson 15	Understand Positive and Negative Numbers and Opposites—pp. 128–135	6.NS.5	Understand that positive and negative numbers are used together to describe quantities having opposite directions or values (e.g., temperature above/below zero, elevation above/below sea level, credits/debits, positive/negative electric charge); use positive and negative numbers to represent quantities in real-world contexts, explaining the meaning of 0 in each situation.
				6.NS.6.a	Recognize opposite signs of numbers as indicating locations on opposite sides of 0 on the number line; recognize that the opposite of the opposite of a number is the number itself, e.g., $-(-3) = 3$, and that 0 is its own opposite.
		Lesson 16	Locate Points with Rational Coordinates—pp. 136–143	6.NS.6.c	Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.
		Lesson 18	Understand Absolute Value—pp. 152–159	6.NS.7.c	Understand the absolute value of a rational number as its distance from 0 on the number line; interpret absolute value as magnitude for a positive or negative quantity in a real-world situation.
					For example, for an account balance of -30 dollars, write $ -30 = 30$ to describe the size of the debt in dollars.
		Lesson 19	Problem Solving: The Coordinate Plane—pp. 160–167	6.NS.8	Solve real-world and mathematical problems by graphing points in all four quadrants of the coordinate plane. Include use of coordinates and absolute value to find distances between points with the same first coordinate or the same second coordinate.

PROGRESS	s in Mathematics, Grade 6	COMMON COR	re Progress Mathematics, Grade 6	COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6		
*5-1A	Integers in the Real World—Online	Lesson 15	Understand Positive and Negative Numbers and Opposites—pp. 128–135	6.NS.5	Understand that positive and negative numbers are used together to describe quantities having opposite directions or values (e.g., temperature above/below zero, elevation above/below sea level, credits/debits, positive/negative electric charge); use positive and negative numbers to represent quantities in real-world contexts, explaining the meaning of 0 in each situation.	
5-2	Compare and Order Integers—pp. 152–153	Lesson 15	Understand Positive and Negative Numbers and Opposites—pp. 128–135	6.NS.6a	Recognize opposite signs of numbers as indicating locations on opposite sides of 0 on the number line; recognize that the opposite of the opposite of a number is the number itself, e.g., $-(-3) = 3$, and that 0 is its own opposite.	
		Lesson 16	Locate Points with Rational Coordinates—pp. 136–143	6.NS.6c	Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.	
		Lesson 17	Compare and Order Rational Numbers—pp. 144–151	6.NS.7a	Interpret statements of inequality as statements about the relative position of two numbers on a number line diagram.	
					For example, interpret -3 > -7 as a statement that -3 is located to the right of -7 on a number line oriented from left to right.	
				6.NS.7b	Write, interpret, and explain statements of order for rational numbers in real-world contexts.	
					For example, write -3° C > -7° C to express the fact that -3° C is warmer than -7° C.	
		Lesson 18	Understand Absolute Value—pp. 152–159	6.NS.7.c	Understand the absolute value of a rational number as its distance from 0 on the number line; interpret absolute value as magnitude for a positive or negative quantity in a real-world situation.	
					– continued on next page –	

Progress in Mathematics, Grade 6	COMMON CORE PROGRESS MATHEMATICS, GRADE 6	COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6
		– continued from previous page – For example, for an account balance of -30 dollars, write $ -30 = 30$ to describe the size of the debt in dollars.
		6.NS.7d Distinguish comparisons of absolute value from statements about order.
		For example, recognize that an account balance less than –30 dollars represents a debt greater than 30 dollars.
*5-2A Use Reasoning to Compare and Order Rational Numbers—Online	Lesson 17 Compare and Order Rational Numbers— pp. 144–151	6.NS.7b Write, interpret, and explain statements of order for rational numbers in real-world contexts.
		For example, write -3° C > -7° C to express the fact that -3° C is warmer than -7° C.
	Lesson 18 Understand Absolute Value—pp. 152–159	6.NS.7.c Understand the absolute value of a rational number as its distance from 0 on the number line; interpret absolute value as magnitude for a positive or negative quantity in a real-world situation.
		For example, for an account balance of -30 dollars, write $ -30 = 30$ to describe the size of the debt in dollars.
		6.NS.7d Distinguish comparisons of absolute value from statements about order.
		For example, recognize that an account balance less than –30 dollars represents a debt greater than 30 dollars.
5-3 Add Integers—pp. 154–155		
5-4 Subtract Integers—pp. 156–157		

Progres	SS IN MATHEMATICS, GRADE 6	Common Cor	re Progress Mathematics, Grade 6	Common (Core State Standards for Mathematics, Grade 6
5-5	Multiply Integers—pp. 158–159	Lesson 18	Understand Absolute Value—pp. 152–159	6.NS.7.c	Understand the absolute value of a rational number as its distance from 0 on the number line; interpret absolute value as magnitude for a positive or negative quantity in a real-world situation.
					For example, for an account balance of -30 dollars, write $ -30 = 30$ to describe the size of the debt in dollars.
5-6	Divide Integers—pp. 160-161				
5-7	Integers and Order of Operations—pp. 162– 163				
5-8	Expressions and Equations with Integers —pp. 164–165				
5-9	Temperature —pp. 166–167	Lesson 17	Compare and Order Rational Numbers—pp. 144–151	6.NS.7b	Write, interpret, and explain statements of order for rational numbers in real-world contexts.
					For example, write -3° C > -7° C to express the fact that -3° C is warmer than -7° C.
5-10	Problem Solving Strategy: Make a Table —pp. 168–169	Lesson 18	Understand Absolute Value—pp. 152–159	6.NS.7.c	Understand the absolute value of a rational number as its distance from 0 on the number line; interpret absolute value as magnitude for a positive or negative quantity in a real-world situation.
					For example, for an account balance of -30 dollars, write $ -30 = 30$ to describe the size of the debt in dollars.
				6.NS.7d	Distinguish comparisons of absolute value from statements about order.
					For example, recognize that an account balance less than –30 dollars represents a debt greater than 30 dollars.

PROGRES	S IN MATHEMATICS, GRADE 6	COMMON COR	e Progress Mathematics, Grade 6	COMMON	Core State Standards for Mathematics, Grade 6
5-11	Problem Solving Applications: Mixed Review—pp. 170–171				
Chapt	er 6 Number Theory and Fractions				
Progres	S IN MATHEMATICS, GRADE 6	COMMON COF	e Progress Mathematics, Grade 6	COMMON	Core State Standards for Mathematics, Grade 6
6-1	Divisibility—pp. 178–179			-	
6-2	Prime and Composite Numbers—pp. 180–181				
6-3	Prime Factorization—pp. 182–183				
6-4	Equivalent Fractions—pp. 184–185				
6-5	Greatest Common Factor—pp. 186–187	Lesson 14		6.NS.4	Find the greatest common factor of two whole
*6-5A	The Distributive Property and Common Factors—Online	Least Common Multiple—pp. 120–127		numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12. Use the distributive	
6-6	Fractions in Simplest Form—pp. 188–189				property to express a sum of two whole numbers 1–100 with a common factor as a multiple of a sum of two whole numbers with no common factor.
					For example, express $36 + 8$ as $4(9 + 2)$.
6-7	Mixed Numbers and Improper Fractions —pp. 190–191				
6-8	Fraction Sense—pp. 192–193	Lesson 16	Locate Points with Rational Coordinates—pp. 136-143	6.NS.6c	Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.
6-9	Least Common Multiple —pp. 194–195	Lesson 14	Find the Greatest Common Factor and Least Common Multiple—pp. 120–127	6.NS.4	Find the greatest common factor of two whole numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12. Use the distributive property to express a sum of two whole numbers 1–100 with a common factor as a
					– continued on next page –

Chapter 6 Number Theory and Fractions

Progress in Mathematics, Grade 6		COMMON COF	COMMON CORE PROGRESS MATHEMATICS, GRADE 6		COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6		
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					multiple of a sum of two whole numbers with no common factor.		
					For example, express $36 + 8$ as $4(9 + 2)$.		
6-10	Compare Fractions—pp. 196–197	Lesson 16		6.NS.6c	Find and position integers and other rational		
6-11	Order Fractions—pp. 198–199 Coordinates—pp. 136–143		numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.				
		Lesson 17	Compare and Order Rational Numbers— pp. 144–151	6.NS.7a	Interpret statements of inequality as statements about the relative position of two numbers on a number line diagram.		
					For example, interpret -3 > -7 as a statement that -3 is located to the right of -7 on a number line oriented from left to right.		
				6.NS.7b	Write, interpret, and explain statements of order for rational numbers in real-world contexts.		
					For example, write -3° C > -7° C to express the fact that -3° C is warmer than -7° C.		
6-12	Relate Fractions to Decimals—pp. 200-201	Lesson 16	Locate Points with Rational Coordinates—pp. 136–143	6.NS.6c	Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.		
6-13	Rename Fractions as Decimals—pp. 202–203						
6-14	Rename Decimals as Fractions—pp. 204–205	Lesson 16	Locate Points with Rational Coordinates —pp. 136–143	6.NS.6c	Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.		
6-15	Terminating and Repeating Decimals —pp. 206–207						

Chapter 6 Number Theory and Fractions

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PROGRE	SS IN MATHEMATICS, GRADE 6	COMMON COF	RE PROGRESS MATHEMATICS, GRADE 6	COMMON	CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6
6-17	Compare and Order Rational Numbers—pp. 210–211	Lesson 16	Locate Points with Rational Coordinates —pp. 136–143	6.NS.6c	Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.
		Lesson 17	Compare and Order Rational Numbers —pp. 144–151	6.NS.7a	Interpret statements of inequality as statements about the relative position of two numbers on a number line diagram.
					For example, interpret -3 > -7 as a statement that -3 is located to the right of -7 on a number line oriented from left to right.
				6.NS.7b	Write, interpret, and explain statements of order for rational numbers in real-world contexts.
					For example, write -3° C > -7° C to express the fact that -3° C is warmer than -7° C.
6-18	Problem Solving Strategy: Find a Pattern—pp. 212–213				
6-19	Problem Solving Applications: Mixed Review—pp. 214–215				
Chap	ter 7 Fractions: Addition and Subtraction				
PROGRE	ss in Mathematics, Grade 6	COMMON COF	RE PROGRESS MATHEMATICS, GRADE 6	COMMON	CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6
7-1	Addition Properties: Fractions—pp. 222–223	Lesson 24	Generate and Identify Equivalent Expressions—pp. 206–213	6.EE.3	Apply the properties of operations to generate equivalent expressions.
					For example, apply the distributive property to the expression 3 $(2 + x)$ to produce the equivalent expression $6 + 3x$; apply the distributive property to the expression $24x + 18y$ to produce the equivalent expression $6(4x + 3y)$; apply

properties of operations to y + y + y to produce

the equivalent expression 3y.

Chapter 7 Fractions: Addition and Subtraction

PROGRES	S IN MATHEMATICS, GRADE 6	COMMON COR	RE PROGRESS MATHEMATICS, GRADE 6	COMMON	Core State Standards for Mathematics, Grade 6
7-2	Estimate Sums and Differences—pp. 224–225				
7-3	Add Fractions—pp. 226–227				
7-4	Add Mixed Numbers—pp. 228–229				
7-5	Subtract Fractions—pp. 230–231				
7-6	Subtract Mixed Numbers —pp. 232–233				
7-7	Mental Math Addition and Subtraction—pp. 234–235				
7-8	Addition and Subtraction Expressions with Fractions—pp. 236–237				
7-9	Addition and Subtraction Equations with Fractions—pp. 238–239	Lesson 26	Write Algebraic Expressions to Represent Problems—pp. 222–229	6.EE.6	Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.
		Lesson 27	Solve Equations of the Form x + p = q — pp. 230–237	6.EE.7	Solve real-world and mathematical problems by writing and solving equations of the form <i>x</i>
		Lesson 28	Solve Equations of the Form px = q —pp. 238–245		+ p = q and $px = q$ for cases in which p, q and x are all nonnegative rational numbers.
7-10	Problem Solving Strategy: Work Backward— pp. 240–241				
7-11	Problem Solving Applications: Mixed Review—pp. 242–243				

PROGRESS IN MATHEMATICS, GRADE 6		COMMON COF	COMMON CORE PROGRESS MATHEMATICS, GRADE 6		Core State Standards for Mathematics, Grade 6
8-1	Multiply Fractions by Fractions—pp. 250–251				
8-2	Multiply Fractions and Whole Numbers—pp. 252–253				
8-3	Properties of Multiplication—pp. 254–255	Lesson 24	Generate and Identify Equivalent Expressions—pp. 206–213	6.EE.3	Apply the properties of operations to generate equivalent expressions.
					For example, apply the distributive property to the expression 3 $(2 + x)$ to produce the equivalent expression $6 + 3x$; apply the distributive property to the expression $24x + 18y$ to produce the equivalent expression $6 (4x + 3y)$; apply properties of operations to $y + y + y$ to produce the equivalent expression $3y$.
8-4	Multiply Mixed Numbers—pp. 256-257				
8-5	Meaning of Division—pp. 258–259	Lesson 9	Divide a Fraction by a Fraction —pp. 80–87	6.NS.1	Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual
*8-5A	Dividing with Fractions—Online	Lesson 10	Problem Solving: Fraction Division—pp.	-	
8-6	Divide Fractions by Fractions—pp. 260–261		88–95		fraction models and equations to represent the problem.
					For example, create a story context for (2/3) ÷ (3/4) and use a visual fraction model to show the quotient; use the relationship between multiplication and division to explain that (2/3) ÷ (3/4) = 8/9 because 3/4 of 8/9 is 2/3. (In general, (a/b) ÷ (c/d) = ad/bc.) How much chocolate will each person get if 3 people share 1/2 lb of chocolate equally? How many 3/4-cup servings are in 2/3 of a cup of yogurt? How wide is a rectangular strip of land with length 3/4 mi and area 1/2 square mi?
8-7	Estimate Quotients of Fractions and Mixed Numbers—pp. 262–263				·

Progres	S IN MATHEMATICS, GRADE 6	COMMON COR	RE PROGRESS MATHEMATICS, GRADE 6	COMMON	Core State Standards for Mathematics, Grade 6
8-8	Divide with Whole and Mixed Numbers —pp. 264–265	Lesson 9 Lesson 10	Divide a Fraction by a Fraction —pp. 80–87 Problem Solving: Fraction Division —pp. 88–95	6.NS.1	Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem.
					For example, create a story context for (2/3) ÷ (3/4) and use a visual fraction model to show the quotient; use the relationship between multiplication and division to explain that (2/3) ÷ (3/4) = 8/9 because 3/4 of 8/9 is 2/3. (In general, (a/b) ÷ (c/d) = ad/bc.) How much chocolate will each person get if 3 people share 1/2 lb of chocolate equally? How many 3/4-cup servings are in 2/3 of a cup of yogurt? How wide is a rectangular strip of land with length 3/4 mi and area 1/2 square mi?
8-9	267	Lesson 9	Divide a Fraction by a Fraction —pp. 80–87	6.NS.1	Interpret and compute quotients of fractions, and solve word problems involving division of
		Lesson 10	Problem Solving: Fraction Division —pp. 88–95		fractions by fractions, e.g., by using visual fraction models and equations to represent the problem.
					For example, create a story context for (2/3) ÷ (3/4) and use a visual fraction model to show the quotient; use the relationship between multiplication and division to explain that (2/3) ÷ (3/4) = 8/9 because 3/4 of 8/9 is 2/3. (In general, (a/b) ÷ (c/d) = ad/bc.) How much chocolate will each person get if 3 people share 1/2 lb of chocolate equally? How many 3/4-cup servings are in 2/3 of a cup of yogurt? How wide is a rectangular strip of land with length 3/4 mi and area 1/2 square mi?
	Le	Lesson 20	Write and Evaluate Numerical Expressions with Exponents—pp. 174–181	6.EE.1	Write and evaluate numerical expressions involving whole-number exponents.
8-10	Fractions and Money—pp. 268–269				

PROGRES	Progress in Mathematics, Grade 6		COMMON CORE PROGRESS MATHEMATICS, GRADE 6		COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6	
8-11	Multiplication and Division Expressions with Fractions—pp. 270–271	Lesson 26	Write Algebraic Expressions to Represent Problems—pp. 222–229	6.EE.6	Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.	
8-12	Multiplication and Division Equations with Fractions—pp. 272–273	Lesson 26	Write Algebraic Expressions to Represent Problems—pp. 222–229	6.EE.6	Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.	
		Lesson 27	Solve Equations of the Form x + p = q — pp. 230–237	6.EE.7	Solve real-world and mathematical problems by writing and solving equations of the form <i>x</i>	
		Lesson 28	Solve Equations of the Form px = q —pp. 238–245		+ p = q and $px = q$ for cases in which p , q and x are all nonnegative rational numbers.	
8-13	Probability—pp. 274–275					
8-14	Compound Events—pp. 276–277					
8-15	Permutations and Combinations—pp. 278–279					
8-16	Predictions and Probability—pp. 280-281					
8-17	Problem Solving Strategy: Use a Diagram— pp. 282–283					
8-18	Problem Solving Applications: Mixed	Lesson 9	Divide a Fraction by a Fraction —pp. 80–87	6.NS.1	Interpret and compute quotients of fractions,	
	Review —pp. 284–285	Lesson 10	Problem Solving: Fraction Division —pp. 88–95		and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem.	
					For example, create a story context for (2/3) ÷ (3/4) and use a visual fraction model to show the quotient; use the relationship between	
					continued on next page –	

Progres	s in Mathematics, Grade 6	Common Cor	e Progress Mathematics, Grade 6	Common	Core State Standards for Mathematics, Grade 6
					– continued from previous page –
					multiplication and division to explain that $(2/3) \div (3/4) = 8/9$ because $3/4$ of $8/9$ is $2/3$. (In general, $(a/b) \div (c/d) = ad/bc$.) How much chocolate will each person get if 3 people share $1/2$ lb of chocolate equally? How many $3/4$ -cup servings are in $2/3$ of a cup of yogurt? How wide is a rectangular strip of land with length $3/4$ mi and area $1/2$ square mi?
Chapt	er 9 Data and Statistics				
Progres	S IN MATHEMATICS, GRADE 6	Common Cor	e Progress Mathematics, Grade 6	Common	CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6
9-1	Surveys —pp. 292–293				
9-2	Samples —pp. 294–295				
9-3	Bias in Surveys—pp. 296–297				
*9-3A	Summarize the Data—Online	Lesson 40	Summarize Numerical Data—pp. 346–353	6.SP.5	Summarize numerical data sets in relation to their context, such as by:
				6.SP.5a	Reporting the number of observations.
				6.SP.5b	Describing the nature of the attribute under investigation, including how it was measured and its units of measurement.
9-4	Record and Interpret Data—pp. 298–299	Lesson 40	Summarize Numerical Data—pp. 346–353	6.SP.5	Summarize numerical data sets in relation to their context, such as by:
				6.SP.5a	Reporting the number of observations.
9-5	Apply Measures of Central Tendency and Range—pp. 300–301	Lesson 39	Display Numerical Data —pp. 338–345	6.SP.4	Display numerical data in plots on a number line, including dot plots, histograms, and box plots.
		Lesson 40	Summarize Numerical Data—pp. 346–353	6.SP.5	Summarize numerical data sets in relation to their context, such as by:

PROGRESS IN MATHEMATICS, GRADE 6		COMMON COF	re Progress Mathematics, Grade 6	COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6		
				6.SP.5c	Giving quantitative measures of center (median and/or mean) and variability (interquartile range and/or mean absolute deviation), as well as describing any overall pattern and any striking deviations from the overall pattern with reference to the context in which the data were gathered.	
9-6	Analyze Data—pp. 302–303	Lesson 36	Understand Statistical Questions and Describe Data—pp. 314–321	6.SP.2	Understand that a set of data collected to answer a statistical question has a distribution	
		Lesson 37	Find the Median and Interquartile Range—pp. 322–329		which can be described by its center, spread, and overall shape.	
		Lesson 37	Find the Median and Interquartile Range—pp. 322–329	6.SP.3	Recognize that a measure of center for a numerical data set summarizes all of its values	
		Lesson 38	Find the Mean and Mean Absolute Deviation—pp. 330–337		with a single number, while a measure of variation describes how its values vary with a single number.	
		Lesson 39	Display Numerical Data —pp. 338–345	6.SP.4	Display numerical data in plots on a number line, including dot plots, histograms, and box plots.	
		Lesson 40	Summarize Numerical Data—pp. 346–353	6.SP.5	Summarize numerical data sets in relation to their context, such as by:	
				6.SP.5c	Giving quantitative measures of center (median and/or mean) and variability (interquartile range and/or mean absolute deviation), as well as describing any overall pattern and any striking deviations from the overall pattern with reference to the context in which the data were gathered.	
*9-6A	Statistical Characteristics of a Data Set— Online	Lesson 36	Understand Statistical Questions and Describe Data—pp. 314–321	6.SP.1	Recognize a statistical question as one that anticipates variability in the data related to the question and accounts for it in the answers.	
					For example, "How old am I?" is not a statistical question, but "How old are the students in my school?" is a statistical question because one anticipates variability in students' ages.	

PROGRESS	PROGRESS IN MATHEMATICS, GRADE 6		e Progress Mathematics, Grade 6	COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6	
*9-6B	Choosing the Best Measures to Describe Data—Online	Lesson 40	Summarize Numerical Data—pp. 346–353	6.SP.5	Summarize numerical data sets in relation to their context, such as by:
				6.SP.5c	Giving quantitative measures of center (median and/or mean) and variability (interquartile range and/or mean absolute deviation), as well as describing any overall pattern and any striking deviations from the overall pattern with reference to the context in which the data were gathered.
				6.SP.5d	Relating the choice of measures of center and variability to the shape of the data distribution and the context in which the data were gathered.
9-7	Box-and-Whisker Plots—pp. 304-305	Lesson 39	Display Numerical Data —pp. 338–345	6.SP.4	Display numerical data in plots on a number line, including dot plots, histograms, and box plots.
			Summarize Numerical Data—pp. 346–353	6.SP.5	Summarize numerical data sets in relation to their context, such as by:
			6.SP.5c	Giving quantitative measures of center (median and/or mean) and variability (interquartile range and/or mean absolute deviation), as well as describing any overall pattern and any striking deviations from the overall pattern with reference to the context in which the data were gathered.	
*9-7A	Describe Data—Online	Lesson 36	Understand Statistical Questions and Describe Data—pp. 314–321	6.SP.2	Understand that a set of data collected to answer a statistical question has a distribution
		Lesson 37	Find the Median and Interquartile Range—pp. 322–329		which can be described by its center, spread, and overall shape.
		Lesson 37	Find the Median and Interquartile Range—pp. 322–329	6.SP.3	Recognize that a measure of center for a numerical data set summarizes all of its values
		Lesson 38	Find the Mean and Mean Absolute Deviation—pp. 330–337		with a single number, while a measure of variation describes how its values vary with a single number.

PROGRESS IN MATHEMATICS, GRADE 6		COMMON COR	RE PROGRESS MATHEMATICS, GRADE 6	COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6		
		Lesson 39	Display Numerical Data —pp. 338–345	6.SP.4	Display numerical data in plots on a number line, including dot plots, histograms, and box plots.	
		Lesson 40	Summarize Numerical Data—pp. 346–353	6.SP.5	Summarize numerical data sets in relation to their context, such as by:	
				6.SP.5a	Reporting the number of observations.	
				6.SP.5b	Describing the nature of the attribute under investigation, including how it was measured and its units of measurement.	
				6.SP.5c	Giving quantitative measures of center (median and/or mean) and variability (interquartile range and/or mean absolute deviation), as well as describing any overall pattern and any striking deviations from the overall pattern with reference to the context in which the data were gathered.	
9-8	Stem-and-Leaf Plots—pp. 306-307	Lesson 36	Understand Statistical Questions and Describe Data—pp. 314–321	6.SP.2	Understand that a set of data collected to answer a statistical question has a distribution	
		Lesson 37	Find the Median and Interquartile Range—pp. 322–329		which can be described by its center, spread, and overall shape.	
		Lesson 39	Display Numerical Data—pp. 338–345	6.SP.4	Display numerical data in plots on a number line, including dot plots, histograms, and box plots.	
		Lesson 40	Summarize Numerical Data—pp. 346–353	6.SP.5	Summarize numerical data sets in relation to their context, such as by:	
				6.SP.5a	Reporting the number of observations.	
				6.SP.5c	Giving quantitative measures of center (median and/or mean) and variability (interquartile range and/or mean absolute deviation), as well as describing any overall pattern and any striking deviations from the overall pattern with reference to the context in which the data were gathered.	

PROGRES	SS IN MATHEMATICS, GRADE 6	COMMON COR	RE PROGRESS MATHEMATICS, GRADE 6	COMMON	CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6
9-9	Line Graphs —pp. 308–309				
9-10	Double Line Graphs —pp. 310–311				
9-11	Double Bar Graphs—pp. 312–313				
9-12	Misleading Graphs and Statistics—pp. 314– 315				
9-13	Histograms—pp. 316–317	Lesson 40	Summarize Numerical Data—pp. 346–353	6.SP.5	Summarize numerical data sets in relation to their context, such as by:
				6.SP.5a	Reporting the number of observations.
9-14	Interpret Circle Graphs—pp. 318–319				
9-15	Problem Solving Strategy: Make an Organized List—pp. 320–321				
9-16	Problem Solving Applications: Mixed Review—pp. 322–323	Lesson 40	Summarize Numerical Data—pp. 346–353	6.SP.5	Summarize numerical data sets in relation to their context, such as by:
				6.SP.5c	Giving quantitative measures of center (median and/or mean) and variability (interquartile range and/or mean absolute deviation), as well as describing any overall pattern and any striking deviations from the overall pattern with reference to the context in which the data were gathered.
Chapt	ter 10 Geometry				
PROGRES	ss in Mathematics, Grade 6	COMMON COR	re Progress Mathematics, Grade 6	COMMON	Core State Standards for Mathematics, Grade 6
10-1	Measure and Draw Angles—pp. 330–331				
10-2	Lines and Angles—pp. 332–333				
10-3	Angle Pairs—pp. 334–335				
10-4	Angles of Parallel Lines—pp. 336–337				
10-5	Line Constructions—pp. 338-339				

Chapter 10 Geometry

PROGRESS	5 IN MATHEMATICS, GRADE 6	COMMON COR	re Progress Mathematics, Grade 6	Соммон	CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6
10-6	Constructions with Angles—pp. 340–341				
10-7	Polygons —pp. 342–343				
10-8	Triangles —pp. 344–345				
10-9	Quadrilaterals —pp. 346–347				
10-10	Angles of Triangles and Quadrilaterals—pp. 348–349				
10-11	Angles of Polygons—pp. 350–351				
10-12	Circles —pp. 352–353				
10-13	Congruent and Similar Polygons—pp. 354–355				
10-14	Transformations —pp. 356–357				
10-15	Symmetry —pp. 358–359				
10-16	Tessellations—pp. 360-361				
10-17	Solid Figures—pp. 362-363	Lesson 35	Use Nets to Find Surface Area—pp. 300–307	6.G.4	Represent three-dimensional figures using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures. Apply these techniques in the context of solving real-world and mathematical problems.
10-18	Views of Solid Figures—pp. 364–365			_	
10-19	Problem Solving Strategy: Logical Reasoning—pp. 366–367				
10-20	Problem Solving Applications: Mixed Review—pp. 368–369				

Chapter 11 Ratio, Proportion, and Percent

PROGRESS IN MATHEMATICS, GRADE 6		Соммон Со	COMMON CORE PROGRESS MATHEMATICS, GRADE 6		COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6	
11-1	Ratio —pp. 376–377					
11-2	Equivalent Ratios—pp. 378–379					
*11-2A	Ratio and Rate Tables—Online	Lesson 2	Use Ratio Tables to Find Equivalent Ratios—pp. 18–25	6.RP.3a	Make tables of equivalent ratios relating quantities with whole-number measurements,	
		Lesson 3	Use Ratio Tables to Compare Ratios —pp. 26–33		find missing values in the tables, and plot the pairs of values on the coordinate plane. Use tables to compare ratios.	
		Lesson 8	Problem Solving: Ratios and Rates —pp. 66–73			
*11-2B	Ratios and Unit Rates—Online	Lesson 1	Understand Ratios and Unit Rates —pp. 10–17	6.RP.2	Understand the concept of a unit rate a/b associated with a ratio $a:b$ with $b \ne 0$, and use rate language in the context of a ratio relationship.	
					For example, "This recipe has a ratio of 3 cups of flour to 4 cups of sugar, so there is 3/4 cup of flour for each cup of sugar." "We paid \$75 for 15 hamburgers, which is a rate of \$5 per hamburger."	
					¹ Expectations for unit rates in this grade are limited to non-complex fractions.	
11-3	Rates —pp. 380-381	Lesson 1	Understand Ratios and Unit Rates —pp. 10–17	6.RP.2	Understand the concept of a unit rate a/b associated with a ratio $a:b$ with $b \neq 0$, and use rate language in the context of a ratio relationship.	
					For example, "This recipe has a ratio of 3 cups of flour to 4 cups of sugar, so there is 3/4 cup of flour for each cup of sugar." "We paid \$75 for 15 hamburgers, which is a rate of \$5 per hamburger."	
					¹ Expectations for unit rates in this grade are limited to non-complex fractions.	

Chapter 11 Ratio, Proportion, and Percent

PROGRESS	IN MATHEMATICS, GRADE 6	Соммон Со	re Progress Mathematics, Grade 6	COMMON	Core State Standards for Mathematics, Grade 6
		Lesson 4	Solve Unit Rate Problems—pp. 34–41	6.RP.3b	Solve unit rate problems including those involving unit pricing and constant speed.
					For example, if it took 7 hours to mow 4 lawns, then at that rate, how many lawns could be mowed in 35 hours? At what rate were lawns being mowed?
*11-3A	Compare Ratios—Online	Lesson 2	Use Ratio Tables to Find Equivalent Ratios—pp. 18–25	6.RP.3a	Make tables of equivalent ratios relating quantities with whole-number measurements,
		Lesson 3	Use Ratio Tables to Compare Ratios —pp. 26–33		find missing values in the tables, and plot the pairs of values on the coordinate plane. Use tables to compare ratios.
		Lesson 8	Problem Solving: Ratios and Rates —pp. 66–73		•
11-4	Proportions—pp. 382–383	Lesson 4	Solve Unit Rate Problems—pp. 34–41	6.RP.3b	Solve unit rate problems including those involving unit pricing and constant speed.
*11-4A	Model Proportions with Double Number Lines—Online				For example, if it took 7 hours to mow 4 lawns, then at that rate, how many lawns could be mowed in 35 hours? At what rate were lawns being mowed?
*11-4B	Model Proportions with Tape Diagrams— Online				
11-5	Solve Proportions—pp. 384–385				
11-6	Write Proportions—pp. 386–387				
11-7	Proportions and Similar Figures—pp. 388-389				
11-8	Use Proportions—pp. 390–391				
11-9	Scale Drawings and Maps—pp. 392–393				
11-10	Relate Percents to Fractions—pp. 394–395				
11-11	Relate Percents to Decimals—pp. 396–397				
11-12	Decimals, Fractions, and Percents —pp. 398–399				
11-13	Percents Greater Than 100%—pp. 400-401				
11-14	Percents Less Than 1%—pp. 402–403				

Chapter 11 Ratio, Proportion, and Percent

PROGRES	S IN MATHEMATICS, GRADE 6	COMMON CO	RE PROGRESS MATHEMATICS, GRADE 6	COMMON	CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6
11-15	Problem Solving Strategy: Combine Strategies—pp. 404–405				
*11-3A	Compare Ratios—Online	Lesson 4	Solve Unit Rate Problems—pp. 34–41	6.RP.3b	Solve unit rate problems including those involving unit pricing and constant speed.
					For example, if it took 7 hours to mow 4 lawns, then at that rate, how many lawns could be mowed in 35 hours? At what rate were lawns being mowed?
Chapt	er 12 Percent Applications				
PROGRES	S IN MATHEMATICS, GRADE 6	Common Co	re Progress Mathematics, Grade 6	COMMON	Core State Standards for Mathematics, Grade 6
12-1	Mental Math: Percent—pp. 414–415	Lesson 5	Calculate a Percent of a Quantity—pp. 42–49	6.RP.3c	Find a percent of a quantity as a rate per 100 (e.g., 30% of a quantity means 30/100 times the quantity); solve problems involving finding the whole, given a part and the percent.
		Lesson 6	Find the Whole Given a Part and the Percent—pp. 50–57		
12-2	Percent Sense—pp. 416–417				
12-3	Percentage of a Number—pp. 418–419	Lesson 5	Calculate a Percent of a Quantity—pp. 42-	6.RP.3c	Find a percent of a quantity as a rate per 100 (e.g., 30% of a quantity means 30/100 times the quantity); solve problems involving finding the
12-4	Find the Rate —pp. 420–421		49		
12-5	Find the Original Number—pp. 422–423	Lesson 6	Find the Whole Given a Part and the Percent—pp. 50–57		whole, given a part and the percent.
12-6	Percent Problems—pp. 424–425				
12-7	Discount and Sale Price—pp. 426–427	_			
12-8	Sales Tax and Total Cost—pp. 428–429	******			
12-9	Better Buy —pp. 430–431	Lesson 4	Solve Unit Rate Problems—pp. 34–41	6.RP.3b	Solve unit rate problems including those involving unit pricing and constant speed.
					For example, if it took 7 hours to mow 4 lawns, then at that rate, how many lawns could be mowed in 35 hours? At what rate were lawns being mowed?

Chapter 12 Percent Applications

PROGRES	Progress in Mathematics, Grade 6		COMMON CORE PROGRESS MATHEMATICS, GRADE 6		COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6	
12-10	Commission—pp. 432–433					
12-11	Simple Interest—pp. 434–435					
12-12	Make Circle Graphs—pp. 436-437					
12-13	Problem Solving Strategy: Write an Equation—pp. 438–439	Lesson 5	Calculate a Percent of a Quantity—pp. 42–49	6.RP.3c	Find a percent of a quantity as a rate per 100 (e.g., 30% of a quantity means 30/100 times the	
		Lesson 6	Find the Whole Given a Part and the Percent—pp. 50–57		quantity); solve problems involving finding the whole, given a part and the percent.	
		Lesson 26	Write Algebraic Expressions to Represent Problems—pp. 222–229	6.EE.6	Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.	

Chapter 13 Measurement

Progress in Mathematics, Grade 6		COMMON CORE PROGRESS MATHEMATICS, GRADE 6		COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6	
13-1	Measure Metric Length—pp. 448–449	Lesson 1	Understand Ratios and Unit Rates—pp.	6.RP.1	Understand the concept of a ratio and use ratio
13-2	Measure Metric Capacity and Mass—pp. 450– 451		Convert Measurement Units—pp. 58–65	6.RP.3d	language to describe a ratio relationship between two quantities. For example, "The ratio of wings to beaks in the bird house at the zoo was 2:1, because for every 2 wings there was 1 beak." "For every vote candidate A received, candidate C received nearly three votes." Use ratio reasoning to convert measurement units; manipulate and transform units appropriately when multiplying or dividing quantities.
13-3	Measure Customary Length—pp. 452–453				
13-4	Measure Customary Capacity and Weight — pp. 454–455				
13-5	Compute Customary Units—pp. 456-457				
13-6	Compute with Time—pp. 458–459				

Chapter 13 Measurement

PROGRESS II	n Mathematics, Grade 6	COMMON COR	RE PROGRESS MATHEMATICS, GRADE 6	Common	Core State Standards for Mathematics, Grade 6
13-7	Relate Customary and Metric Units—pp. 460–461	Lesson 1	Understand Ratios and Unit Rates —pp. 10–17	6.RP.1	Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities.
*13-7A	Use Proportions to Convert Units—Online				For example, "The ratio of wings to beaks in the bird house at the zoo was 2:1, because for every 2 wings there was 1 beak." "For every vote candidate A received, candidate C received nearly three votes."
		Lesson 7	Convert Measurement Units—pp. 58-65	6.RP.3d	Use ratio reasoning to convert measurement units; manipulate and transform units appropriately when multiplying or dividing quantities.
13-8	Perimeter—pp. 462-463				
13-9	Area of Rectangles and Squares—pp. 464–465	Lesson 31	Find Areas of Parallelograms and Triangles—pp. 268–275	6.G.1	Find the area of right triangles, other triangles, special quadrilaterals, and polygons by
		Lesson 32	Find Areas of Polygons—pp. 276–283		composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems.
13-10	Area of Triangles and Parallelograms—pp. 466–467				
13-11	Area of Trapezoids—pp. 468–469	Lesson 31	_	6.G.1	Find the area of right triangles, other triangles,
*13-11A	Plane Figures and Area—Online		Triangles —pp. 268–275		special quadrilaterals, and polygons by composing into rectangles or decomposing
		Lesson 32	Find Areas of Polygons—pp. 276–283		into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems.
13-12	Circumference—pp. 470–471			-	
13-13	Area of a Circle—pp. 472–473				

Chapter 13 Measurement

PROGRESS II	N MATHEMATICS, GRADE 6	COMMON COF	RE PROGRESS MATHEMATICS, GRADE 6	COMMON	CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6
*13-13A 13-14	Use Nets to Find Surface Area—Online Surface Area of Cubes, Rectangular Prisms, and Cylinders—pp. 474–475	Lesson 35	Use Nets to Find Surface Area —pp. 300–307	6.G.4	Represent three-dimensional figures using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures. Apply these techniques in the context
13-15	Surface Area of Pyramids and Triangular Prisms—pp. 476–477				of solving real-world and mathematical problems.
13-16	Volume of Prisms—pp. 478–479	Lesson 33	3 Find Volumes of Rectangular Prisms—pp. 284–291	6.G.2	Find the volume of a right rectangular prism with fractional edge lengths by packing it with unit cubes of the appropriate unit fraction edge lengths, and show that the volume is the same as would be found by multiplying the edge lengths of the prism. Apply the formulas $V = l w h$ and $V = b h$ to find volumes of right rectangular prisms with fractional edge lengths in the context of solving real-world and mathematical problems.
*13-16A	Use Partial Cubes to Find Volume—Online				
*13-16B	Volume of a Prism —Online				
13-17	Volume of Triangular Prisms and Cylinders—pp. 480–481				
13-18	Volume of Pyramids—pp. 482–483				
13-19	Use Formulas to Solve Problems —pp. 484-485				
13-20	Problem Solving Strategy: Use Drawings / Formulas—pp. 486–487				
13-21	Problem Solving Applications: Mixed Review—pp. 488–489				

Progress i	n Mathematics, Grade 6	COMMON COR	re Progress Mathematics, Grade 6	Соммон С	Core State Standards for Mathematics, Grade 6
14-1	Two-Step Equations—pp. 496–497				
14-2	Addition and Subtraction Equations with Integers—pp. 498–499				
14-3	Multiplication and Division Equations with Integers—pp. 500–501				
14-4	Functions and Ordered Pairs—pp. 502-503	Lesson 30		6.EE.9	Use variables to represent two quantities in a
*14-4A	Independent and Dependent Variables— Online		Variables—pp. 254–261		real-world problem that change in relationship to one another; write an equation to express one quantity, thought of as the dependent variable, in terms of the other quantity, thought of as the independent variable. Analyze the relationship between the dependent and independent variables using graphs and tables, and relate these to the equation.
					For example, in a problem involving motion at constant speed, list and graph ordered pairs of distances and times, and write the equation d = 65t to represent the relationship between distance and time.
14-5	Graph Ordered Pairs —pp. 504–505	Lesson 16	Locate Points with Rational Coordinates—pp. 136-143	6.NS.6.b	Understand signs of numbers in ordered pairs as indicating locations in quadrants of the coordinate plane; recognize that when two ordered pairs differ only by signs, the locations of the points are related by reflections both axes.
				6.NS.6.c	Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.
		Lesson 34	Plot and Analyze Polygons in the Coordinate Plane—pp. 292–299	6.G.3	Draw polygons in the coordinate plane given coordinates for the vertices; use coordinates to find the length of a side joining points with the
					– continued on next page –

Progress in Mathematics, Grade 6		COMMON CORE PROGRESS MATHEMATICS, GRADE 6		COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6	
					- continued from previous page - same first coordinate or the same second
					coordinate. Apply these techniques in the context of solving real-world and mathematical problems.
*14-5A	Distances and the Coordinate Plane—Online	Lesson 19	Problem Solving: The Coordinate Plane—pp. 160–167	6.NS.8	Solve real-world and mathematical problems by graphing points in all four quadrants of the coordinate plane. Include use of coordinates and absolute value to find distances between points with the same first coordinate or the same second coordinate.
*14-5B	Graphing Polygons—Online				
14-6	Graph Reflections and Translations —pp. 506–507	Lesson 16	Locate Points with Rational Coordinates—pp. 136–143	6.NS.6.b	Understand signs of numbers in ordered pairs as indicating locations in quadrants of the coordinate plane; recognize that when two ordered pairs differ only by signs, the locations of the points are related by reflections both axes.
		Lesson 34	Plot and Analyze Polygons in the Coordinate Plane—pp. 292–299	6.G.3	Draw polygons in the coordinate plane given coordinates for the vertices; use coordinates to find the length of a side joining points with the same first coordinate or the same second coordinate. Apply these techniques in the context of solving real-world and mathematical problems.
14-7	Graph Rotations —pp. 508–509	Lesson 34	Plot and Analyze Polygons in the Coordinate Plane—pp. 292–299	6.G.3	Draw polygons in the coordinate plane given coordinates for the vertices; use coordinates to find the length of a side joining points with the same first coordinate or the same second coordinate. Apply these techniques in the context of solving real-world and mathematical problems.

PROGRESS	PROGRESS IN MATHEMATICS, GRADE 6		COMMON CORE PROGRESS MATHEMATICS, GRADE 6		COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6	
*14-7A	Model Rates—Online	Lesson 2	Use Ratio Tables to Find Equivalent Ratios—pp. 18–25	6.RP.3a	Make tables of equivalent ratios relating quantities with whole-number measurements,	
		Lesson 3	Use Ratio Tables to Compare Ratios —pp. 26–33		find missing values in the tables, and plot the pairs of values on the coordinate plane. Use tables to compare ratios.	
		Lesson 8	Problem Solving: Ratios and Rates —pp. 66–73			
14-8	Graph Functions—pp. 510–511	Lesson 30	Represent Relationships Between Variables—pp. 254–261	6.EE.9	Use variables to represent two quantities in a real-world problem that change in relationship to one another; write an equation to express one quantity, thought of as the dependent variable, in terms of the other quantity, thought of as the independent variable. Analyze the relationship between the dependent and independent variables using graphs and tables, and relate these to the equation.	
*14-8A	Related Variables—Online	•				
14-9	Algebraic Patterns—pp. 512–513					
					For example, in a problem involving motion at constant speed, list and graph ordered pairs of distances and times, and write the equation d = 65t to represent the relationship between distance and time.	
14-10	Problem Solving Strategy: Use More Than One Strategy—pp. 514–515	Lesson 19	Problem Solving: The Coordinate Plane—pp. 160–167	6.NS.8	Solve real-world and mathematical problems by graphing points in all four quadrants of the coordinate plane. Include use of coordinates and absolute value to find distances between points with the same first coordinate or the same second coordinate.	
14-11	Problem Solving Applications: Mixed Review—pp. 516–517	Lesson 30	Represent Relationships Between Variables—pp. 254–261	6.EE.9	Use variables to represent two quantities in a real-world problem that change in relationship to one another; write an equation to express one quantity, thought of as the dependent variable, in terms of the other quantity, thought of as the independent variable. Analyze the relationship between the dependent and independent variables using	
					– continued on next page –	

Progress in Mathematics, Grade 6	COMMON CORE PROGRESS MATHEMATICS, GRADE 6	COMMON CORE STATE STANDARDS FOR MATHEMATICS, GRADE 6
		– continued from previous page –
		graphs and tables, and relate these to the equation.
		For example, in a problem involving motion at constant speed, list and graph ordered pairs of distances and times, and write the equation d = 65t to represent the relationship between distance and time.