Level	Unit	Chapter	Lesson	ChapterTitle	LessonTitle
0	0	1	1	**Introduction**	Introduction
0	0	2	1	**How to take the placement tests**	How to take the placement tests
0	0	3	0	**Placement Test I**	
0	0	4	0	**Placement Test II**	
0	0	5	0	**Placement Test III**	
0	0	6	0	**Placement Test IV**	
0	0	7	0	**Placement Test V**	
0	0	8	0	**Placement Test VI**	
0	0	9	0	**Placement Test VII**	
0	0	10	0	**Placement Test VIII**	
1	A	1	1	**Addition Families 0-10**	Addition Families 0-10
1	A	1	2		Addition Families - Addition 0-10
1	A	1	3		Addition Families - Addition and Subtraction 0-10
1	A	1	4		Addition Families - Missing Number 0 -10
1	A	2	1	**Applications - Addition and Subtraction**	Applications - Add/Subtract - Combination 0-10 (I)
1	A	2	2		Applications - Add/Subtract - Combination 0-10 (II)
1	A	2	3		Applications - Add/Subtract - Combination 0-10 (III)
1	A	2	4		Applications - Add/Subtract - Combination 0-10 (IV)
1	A	2	5		Applications - Add/Subtract - Combination 0-10 (V)
1	A	3	1	**Addition Families 11-20**	Addition Families - Addition and Subtraction 11-20
1	A	3	2		Addition Families - Missing Number 11-20
1	A	4	1	**Applications - Addition and Subtraction**	Applications - Add/Subtract - Combination 11-20 (I)
1	A	4	2		Applications - Add/Subtract - Combination 11-20 (II)
1	A	4	3		Applications - Add/Subtract - Combination 11-20 (III)
1	A	4	4		Applications - Add/Subtract - Combination 11-20 (IV)
1	A	4	5		Applications - Add/Subtract - Combination 11-20 (V)
1	A	5	1	**Addition - Two Digit**	Addition - Two Digit (I)
1	A	5	2		Addition - Two Digit (II)
1	A	5	3		Addition - Two Digit (III)
1	A	5	4		Addition - Two Digit (IV)
1	A	5	5		Addition - Two Digit (V)
1	A	6	1	**Subtraction - Two Digit**	Subtraction - Two Digit (I)
1	A	6	2		Subtraction - Two Digit (II)
1	A	6	3		Subtraction - Two Digit (III)
1	A	6	4		Subtraction - Two Digit (IV)
1	A	6	5		Subtraction - Two Digit (V)
1	A	7	1	**Applications - Addition and Subtraction**	Applications - Add/Subtract Increase/Decrease 1-100 (I)
1	A	7	2		Applications - Add/Subtract Increase/Decrease 1-100 (II)
1	A	7	3		Applications - Add/Subtract Increase/Decrease 1-100 (III)
1	A	7	4		Applications - Add/Subtract Increase/Decrease 1-100 (IV)

1	A	7	5		Applications - Add/Subtract Increase/Decrease 1-100 (V)
1	B	1	1	**Counting To 1000**	Read and Write with Place Value to 1000
1	B	1	2		Counting to 1000
1	B	1	3		Write Numbers from Words to 1000
1	B	1	4		Write Words from Numbers to 1000
1	B	1	5		Write Numbers from Words in Context to 1000
1	B	2	1	**Place Value to 1000**	Identify Place Value to 1000
1	B	2	2		Expanded Forms to 1000
1	B	2	3		Number Lines
1	B	3	1	**Comparing Numbers to 1000**	Compare Numbers to 1000
1	B	3	2		Counting - more or less 21-100
1	B	3	3		Make Numbers from Digits
1	B	4	1	**Addition and Subtraction - 3 digits**	Addition - 3 digits (I)
1	B	4	2		Addition - 3 digits (II)
1	B	4	3		Addition - 3 digits (III)
1	B	4	4		Subtraction - 3 digits (I)
1	B	4	5		Subtraction - 3 digits (II)
1	B	4	6		Subtraction - 3 digits (III)
1	B	4	7		Subtraction - 3 digits (IV)
1	B	4	8		Subtraction - 3 digits (V)
1	B	5	1	**Multiplication**	Multiplication - Multiplication as Repeated Addition (2, 5, 10)
1	B	5	2		Multiplication - Using Repeated Addition (2, 5, 10)
1	B	5	3		Multiplication - Counting by a Number (2, 5, 10)
1	B	5	4		Multiplication - Counting by a Number to do Multiplication (2, 5, 10)
1	B	5	5		Multiplication - Multiplication as Arrays (2, 5, 10)
1	B	5	6		Multiplication - 2,5,10
1	B	6	1	**Place Value**	Read and Write with Place Value to 10000
1	B	6	2		Identify to Place Values to 10000
1	B	6	3		Expanded Notation (I)
1	B	6	4		Expanded Notation (II)
1	B	6	5		Expanded Notation (III)
1	B	7	1	**Multiplication**	Multiplication - Using Repeated Addition (0-10)
1	B	7	2		Multiplication - Counting by a Number (3, 4)
1	B	7	3		Multiplication - Counting by a Number to do Multiplication (3,4)
1	B	7	4		Multiplication - 0-10
1	B	8	1	**Division**	Division - Single Digit
1	B	8	2		Division - Single Digit - Remainder
1	B	8	3		Division - Two Digit
1	B	8	4		Division - Two Digit - Remainder
2	C	1	1	**Fractions (I)**	Fractions - The Bottom Number
2	C	1	2		Fractions - The Top Number

2	C	1	3	Fractions - Read and Write
2	C	1	4	Fractions - Numerator and Denominator
2	C	2	1 **Comparing Fractions**	Fractions - Comparing to 1
2	C	2	2	Comparing Unit Fractions
2	C	2	3	Comparing Fractions with a Common Denominator
2	C	2	4	Comparing Fractions with Different Numerators and Denominators
2	C	2	5	Equivalent Fractions
2	C	3	1 **Fractions (II)**	Writing Fractions from Drawings
2	C	3	2	Drawing Pictures from Fractions
2	C	3	3	Fractions as Part of a Set
2	C	4	1 **Comparing Numbers**	Make Number from Digits
2	C	4	2	Counting - more or less
2	C	4	3	Ordering Numbers
2	C	4	4	Number Lines
2	C	5	1 **Addition and Subtraction - 4 digits**	Addition - 4 digits
2	C	5	2	Subtraction - 4 digits
2	C	6	1 **Multiplication (I)**	Multiplication - Commutative Property
2	C	6	2	Multiplication - Arrays
2	D	1	1 **Multiplication Families**	Multiplication Families
2	D	1	2	Multiplication Families - Multiplication
2	D	1	3	Multiplication Families - Multiplication/Division
2	D	1	4	Multiplication Families - Missing Number
2	D	2	1 **Applications**	Applications - Multiply/Divide (I)
2	D	2	2	Applications - Multiply/Divide (II)
2	D	2	3	Applications - Multiply/Divide (III)
2	D	2	4	Applications - Multiply/Divide (IV)
2	D	2	5	Applications - Multiply/Divide (V)
2	D	2	6	Applications - Multiply/Divide (VI)
2	D	2	7	Applications - Multiply/Divide (VII)
2	D	2	8	Applications - Multiply/Divide (VIII)
2	D	3	1 **Geometry**	Perimeter
2	D	3	2	Area
2	D	4	1 **Multiplication (I)**	Multiplication - Two Digit (I)
2	D	4	2	Multiplication - Two Digit (II)
2	D	4	3	Multiplication - Two Digit (III)
2	D	4	4	Multiplication - Two Digit (IV)
2	D	4	5	Multiplication - Two Digit (V)
2	D	4	6	Multiplication - Two Digit (VI)
2	D	5	1 **Multiplication (II)**	Multiplication - Two Digit (VII)
2	D	5	2	Multiplication - Two Digit (VIII)
2	D	5	3	Multiplication - Three Digit (I)

2	D	5	4		Multiplication - Three Digit (II)
3	E	1	1	**Division (I)**	Division - Two Digit (I)
3	E	1	2		Division - Two Digit (II)
3	E	1	3		Division - Two Digit (III)
3	E	1	4		Division - Two Digit (IV)
3	E	2	1	**Division (II)**	Division - Remainder
3	E	2	2		Format Wizard
3	E	2	3		Division - Two Digit (V)
3	E	2	4		Division - Two Digit (VI)
3	E	3	1	**Division (III)**	Division - Three Digit
3	E	3	2		Division - Four Digit
3	E	4	1	**Decimals (I)**	Converting Fractions to Decimals
3	E	4	2		Converting Decimals to Fractions
3	E	4	3	**Decimals (I)**	Writing Decimals from Text
3	E	4	4		Fraction and Decimal Equivalents (I)
3	E	4	5		Fraction and Decimal Equivalents (II)
3	E	4	6		Adding and Subtracting Fractions with Pictures
3	E	5	1	**Decimals (II)**	Fractions and Decimals on Number Line
3	E	5	2		Comparing Decimals
3	F	1	1	**Adding and Subtracting Fractions**	Adding and Subtracting Fractions (I)
3	F	1	2		Adding and Subtracting Fractions (II)
3	F	2	1	**Rounding**	Rounding (I)
3	F	2	2		Rounding (II)
3	F	3	1	**Multiplication**	Multiplication - Four Digit
3	F	3	2		Multiplication - Two-Digit by Two-Digit
3	F	3	3		Multiplication - Three-Digit by Two-Digit
3	F	4	1	**Decimals**	Adding Decimals (I)
3	F	4	2		Adding Decimals (II)
3	F	4	3		Subtracting Decimals (I)
3	F	4	4		Subtracting Decimals (II)
3	F	5	1	**Multiplying and Dividing Decimals**	Multiplying Decimals (I)
3	F	5	2		Dividing Decimals (I)
3	F	6	1	**Equations**	Equals Added to Equals
3	F	6	2		Equals Times Equals
4	G	1	1	**Unit Conversion (I)**	U.S. Customary Units of Length and Weight
4	G	1	2		Measures of Capacity
4	G	1	3		Base Units and Prefixes
4	G	1	4	**Unit Conversion (I)**	Prefixes
4	G	2	1	**Unit Conversion (II)**	Measurement Conversions (I)
4	G	2	2		Measurement Conversions (II)
4	G	3	1	**Mixed Numbers and improper fractions**	Mixed Numbers and Improper Fractions

4	G	3	2	Mixed Numbers from Text
4	G	3	3	Rewriting Improper Fractions (I)
4	G	3	4	Rewriting Improper Fractions (II)
4	G	3	5	Format Wizard
4	G	3	6	Rewriting Improper Fractions (III)
4	G	3	7	Converting Mixed Numbers to Improper Fractions
4	G	4	1 **Coordinate Grids**	Coordinate Grids
4	H	1	1 **Factors**	Missing Factors
4	H	1	2	Finding All Factors (I)
4	H	1	3	Finding All Factors (II)
4	H	1	4	Greatest Common Factor
4	H	2	1 **Multiplying Fractions**	Division Interpretation of Fractions
4	H	2	2	Multiplying Fractions (I)
4	H	2	3	Multiplying Fractions (II)
4	H	3	1 **Fractions**	Expanding Fractions
4	H	3	2	Rewriting Fractions with a Common Denominator
4	H	3	3	Adding and Subtracting Fractions
4	H	3	4	Adding and Subtracting Mixed Numbers
4	H	4	1 **Reducing Fractions**	Reducing Fractions (I)
4	H	4	2	Reducing Fractions (II)
4	H	4	3	Reducing Fractions (III)
4	H	5	1 **Multiplying and Dividing Decimals**	Multiplying Decimals
4	H	5	2	Dividing Decimals (II)
4	H	5	3	Dividing Decimals (III)
4	H	6	1 **Dividing Decimals**	Dividing Decimals (IV)
4	H	6	2	Dividing Decimals (V)
4	H	7	1 **Percents**	Converting Percents into Decimals
4	H	7	2	Converting Decimals into Percents
4	H	7	3	Converting Fractions into Percents
5	I	1	1 **Writing Algebraic Expressions**	Variables
5	I	1	2	Writing Algebraic Expressions (I)
5	I	1	3	Writing Algebraic Expressions (II)
5	I	1	4	Writing Algebraic Expressions (III)
5	I	1	5	Writing Algebraic Expressions (IV)
5	I	2	1 **Evaluating Expressions**	Evaluating Expressions (I)
5	I	2	2	Evaluating Expressions (II)
5	I	2	3	Evaluating Expressions (III)
5	I	3	1 **Area**	Area of Parallelogram
5	I	3	2	Area of Triangle
5	I	4	1 **Area of circles and volume**	Circumference of a Circle
5	I	4	2	Area of a Circle

5	I	5	1 **Powers of 10**	Divide by Powers of 10
5	I	5	2	Multiplying by Powers of 10
5	J	1	1 **Percents (I)**	Multiplying a Number by a Percent
5	J	1	2	Calculating a Percent of a Number
5	J	1	3	A Number as a Percent of Another Number
5	J	1	4	Increase or Decrease by a Percent
5	J	2	1 **Percents (II)**	Discounts, Interest, and Tips
5	J	2	2	Applications - Percent Change
5	J	3	1 **Multiplying fractions**	Writing Whole Numbers as Fractions
5	J	3	2	Multiplying Fractions by Whole Numbers
5	J	3	3	Multiplying Mixed Numbers
5	J	4	1 **Dividing fractions**	Dividing Fractions
5	J	4	2	Dividing Fractions by Whole Numbers
5	J	4	3	Dividing Mixed Numbers
5	J	5	1 **Applications**	Applications - Fractions
5	J	5	2	Applications - Decimals
5	J	5	3	Applications - Add/Subtract/Multiply/Divide - Fractions (I)
5	J	5	4	Applications - Add/Subtract/Multiply/Divide - Fractions (II)
5	K	1	1 **Ratios, Unit Cost, & Measurement Conversion**	Ratios
5	K	1	2	Ratio Notation
5	K	1	3	Unit Cost
5	K	1	4	Measurement Conversion
5	K	2	1 **Linear Equations in One Variable**	Solving One Step Linear Equations: Addition
5	K	2	2	Solving One Step Linear Equations: Multiplication
5	K	2	3	Solving Two Step Linear Equations: All Steps
5	K	2	4	Solving Two Step Linear Equations: Answer Only
5	K	2	5	Simplify Linear Expressions
5	K	2	6	Solving Two Step Linear Equations: Simplify then Solve
5	K	3	1 **Proportions**	Proportions: Definition
5	K	3	2	Proportions: Writing as Equations
5	K	3	3	Proportions: Cross Multiplication
5	K	3	4	Proportions: Solve Problems with Cross Multiplication
5	K	4	1 **Introduction to Linear Equations in Two Variables**	Evaluating Expressions
5	K	4	2	Equations as Prescriptions
5	K	4	3	Making Tables from Equations
5	K	5	1 **Volume**	Volume: Boxes
5	K	5	2	Volume: Cylinders
6	L	1	1 **Negative Numbers**	Negative Numbers: Definition
6	L	1	2	Negative Numbers: Ordering on Number Line
6	L	1	3	Absolute Value
6	L	1	4	Opposites

6	L	2	1	**Integer Operations**	Integer Addition: Adding a Negative Number
6	L	2	2		Integer Subtraction: Rewriting Subtraction as Addition
6	L	2	3		Integer Subtraction: Subtracting a Positive Number
6	L	2	4		Integer Subtraction: Subtracting a Negative Number
6	L	3	1	**More Integer Operations**	More Integer Addition I
6	L	3	2		More Integer Addition II
6	L	3	3		More Integer Subtraction
6	L	3	4		Integer Multiplication & Division
6	L	3	5		All Integer Operations
6	L	4	1	**Ordering Fractions and Decimals**	Comparing Decimals
6	L	4	2		Ordering Fractions and Decimals I
6	L	4	3		Ordering Fractions and Decimals II
6	L	4	4		Ordering Fractions and Decimals III
6	M	1	1	**Operations**	Taking the Opposite
6	M	1	2		Finding the Reciprocal
6	M	2	1	**Properties**	Identity Properties
6	M	2	2		Inverse Properties
6	M	2	3		Distributive Property
6	M	2	4		Commutative Properties
6	M	2	5		Associative Properties
6	M	2	6		Simplify Using Properties
6	M	3	1	**Applications**	Applications - Rates I: Interim Steps
6	M	3	2		Applications - Rates II: Answer Only
6	M	4	1	**Measures of Central Tendency**	Measures of Center: Mean
6	M	5	1	**Pythagorean Theorem**	Pythagorean Theorem: Verify by Measurement
6	M	5	2		Pythagorean Theorem: Find the Missing Side
6	M	5	3		Pythagorean Theorem: Use in Figures
6	M	5	4		Pythagorean Theorem: Converse
6	M	6	1	**Prime Numbers**	Prime Numbers
6	M	6	2		Prime Factorization
7	N	1	1	**Graphing Linear Equations in Two Variables**	Coordinate Grids: Four Quadrants
7	N	1	2		Linear Equations: Drawing Graphs from Tables
7	N	1	3		Linear Equations: Drawing Graphs by Making Tables
7	N	1	4		Linear Equations: Finding Slope from Graphs
7	N	1	5		Linear Equations: Slope from Two Points
7	N	2	1	**More Graphing Linear Equations in Two Variables**	Linear Equations: Drawing Graphs from Equations
7	N	2	2		Linear Equations: Writing Equations from Graphs
7	N	2	3		Linear Equations: Slope Applications
7	N	2	4		Linear Equations: Direction of Slope
7	N	2	5		Coordinate Grids: Interpret Graphed Data
7	N	2	6		Linear Equations: Horizontal and Vertical Lines

7	N	3	1	**Linear Equations in Two Variables**	Solving an Equation for One Variable
7	N	3	2		Forms of Linear Equations
7	N	4	1	**More Linear Equations in Two Variables**	Intercepts
7	N	4	2		Parallel Linear Equations
7	N	4	3		Perpendicular Linear Equations
7	N	4	4		Verifying Solutions to Linear Equations
7	N	5	1	**Writing Linear Equations**	Writing Linear Equations: Slope and Point
7	N	5	2		Writing Linear Equations: Two Points
7	N	5	3		Writing Linear Equations: Point and Parallel Line
7	N	5	4		Writing Linear Equations: Point and Perpendicular Line
7	O	1	1	**Systems of Linear Equations**	Systems of Linear Equations: Graphing
7	O	1	2		Systems of Linear Equations: Substitution
7	O	1	3		Systems of Linear Equations: Elimination I
7	O	1	4		Systems of Linear Equations: Elimination II
7	O	2	1	**Linear Inequalities**	Solving One Step Linear Inequalities
7	O	2	2		Solving Two Step Linear Inequalities
7	O	3	1	**Solutions to Linear Inequalities in One Variable**	Graphing Solutions to Inequalities
7	O	3	2		Graphing Solutions to Compound Inequalities
7	O	3	3		Set Builder Notation
7	O	3	4		Interval Notation
7	O	3	5		Solving Compound Inequalities
7	P	1	1	**Applications I**	Introduction to Problem Solving I
7	P	1	2		Introduction to Problem Solving II
7	P	1	3		Introduction to Problem Solving III
7	P	1	4		Formulas and Problem Solving I
7	P	1	5		Formulas and Problem Solving II
7	P	2	1	**Applications II**	Interpreting Motion Problems I
7	P	2	2		Interpreting Motion Problems II
7	P	2	3		Interpreting Motion Problems III
7	P	2	4		Interpreting Value Problems
7	P	2	5		Interpreting Investment Problems
7	P	3	1	**Applications III**	Setting up Equations I
7	P	3	2		Setting up Equations II
7	P	3	3		Setting up Equations III
7	P	3	4		Solving Problems I
7	P	3	5		Solving Problems II
7	P	4	1	**Applications IV**	Formulas and Problem Solving with Solutions
7	P	4	2		Interpreting Solution Problems
7	P	4	3		Solving Solution Problems
7	P	4	4		Solving Other Mixture Problems
7	P	4	5		Solving All Mixture Problems

7	Q	1	1 **Polynomials**	Polynomials
7	Q	1	2	Combining Like Terms
7	Q	1	3	Adding Polynomials
7	Q	1	4	Multiplying Polynomials by Whole Numbers
7	Q	1	5	Subtracting Polynomials
7	Q	2	1 **Polynomials and Greatest Common Factors**	Multiplying Monomials by Monomials
7	Q	2	2	Multiplying Polynomials by Monomials
7	Q	2	3	Greatest Common Factor of Monomials
7	Q	2	4	Factoring out Greatest Common Factor
7	Q	3	1 **Multiplying Polynomials**	Multiplying Binomials by Binomials
7	Q	3	2	Multiplying Binomials by Trinomials
7	Q	3	3	Binomials raised to a power
7	R	1	1 **Factoring Trinomials: Leading Coefficient of 1**	Factoring Trinomials Preparation
7	R	1	2	Factoring Trinomials I
7	R	1	3	Factoring Trinomials II
7	R	1	4	Factoring Trinomials III
7	R	1	5	Factoring Trinomials IV
7	R	2	1	Factoring Trinomials I
7	R	2	2	Factoring Trinomials II
7	R	3	1 **Factoring Trinomials: Special Cases**	Factoring Perfect Square Trinomials I
7	R	3	2	Factoring Perfect Square Trinomials II
7	R	3	3	Multiplying Conjugate Pairs
7	R	3	4	Factoring Difference of Two Squares
8	S	1	1 **Rational Expressions**	Dividing Monomials by Monomials
8	S	1	2	Dividing Monomials by Monomials with Factors in Denominator
8	S	1	3	Dividing Polynomials by Monomials
8	S	1	4	Dividing Polynomials by Binomials
8	S	1	5	Dividing Polynomials by Polynomials
8	S	2	1 **Operations with Rational Expressions**	Multiplying Rational Expressions
8	S	2	2	Dividing Rational Expressions
8	S	2	3	Adding Rational Expressions with Common Denominators
8	S	2	4	Subtracting Rational Expressions with Common Denominators
8	S	3	1 **Operations and Equations with Rational Expressions**	Adding and Subtracting Rational Expressions: Monomial Denominators
8	S	3	2	Adding and Subtracting Rational Expressions: Polynomial Denominators
8	S	3	3	Solving Rational Equations
8	T	1	1 **Exponent Operations**	Exponents: Definition
8	T	1	2	Multiplying Exponents
8	T	1	3	Negative Exponents: Definition
8	T	1	4	Negative Exponents in the Denominator
8	T	2	1 **More Exponent Operations**	Multiply with Negative Exponents
8	T	2	2	Multiply Fractions with Exponents

8	T	2	3	Divide Exponents
8	T	3	1 **Radicals**	Square and Cube Roots
8	T	3	2	Radicals: Definition
8	T	3	3	Radicals: Negative Numbers
8	T	3	4	Simplifying Whole Number Radicals
8	T	3	5	Multiplying Radicals
8	T	4	1 **More Radicals**	Simplifying Radicals: Rational Numbers
8	T	4	2	Simplifying Radicals: One Variable
8	T	4	3	Simplifying Radicals: Two Variables
8	T	4	4	Multiplying Radicals with Variables
8	T	5	1 **Scientific Notation**	Scientific Notation: Write in Standard Form
8	T	5	2	Scientific Notation: Write from Standard Form
8	U	1	1 **Functions**	Functions: Definitions
8	U	1	2	Functions: Notation
8	U	1	3	Functions: Vertical Line Test
8	U	2	1 **Solving Quadratic Equations**	Zero Product Principle
8	U	2	2	Solving Quadratic Equations by Factoring I
8	U	2	3	Solving Quadratic Equations by Factoring II
8	U	2	4	Solving Quadratic Equations by Factoring III
8	U	3	1 **Graphing Quadratic Equations**	Graphing Quadratic Equations from Tables
8	U	3	2	Finding Solutions to Quadratic Equations
8	U	3	3	Intercepts of Parabolas
8	V	1	1 **Solving Equations Using Radicals**	Solving Quadratic Equations using Radicals I
8	V	1	2	Solving Quadratic Equations using Radicals II
8	V	2	1 **Solving Equations by Completing the Square**	Completing the Square: Introduction
8	V	2	2	Completing the Square: Solving Equations I
8	V	2	3	Completing the Square: Solving Equations II
8	V	2	4	Completing the Square: Solving Equations III
8	V	3	1 **Solving Quadratic Equations using the Quadratic Formula**	The Quadratic Formula: Definition
8	V	3	2	The Quadratic Formula: Solving Equations - Rational Solutions
8	V	3	3	The Quadratic Formula: Solving Equations - Irrational Solutions
8	V	3	4	The Quadratic Formula: Solving Equations - Missing Term
8	V	3	5	The Quadratic Formula: Solving Equations - All Types
8	V	3	6	The Quadratic Formula: Solving Equations - Non-standard Form