



# ThinkUp!<sup>TM</sup>

with  i-Ready<sup>®</sup>

**Correlation of the TEKS Resource System  
to ThinkUp! Math, Ready Texas Mathematics  
and i-Ready Personalized Instruction Math Lessons**

**MATH | Grade 5**

TEKS Resource System		ThinkUp!	Ready Texas Mathematics & i-Ready Personalized Instruction Math Lessons		
Unit	TEKS	ThinkUp! Math	Ready Texas	i-Ready	
<b>Unit 1:</b> Extending Whole Number Operations	5.1A-G 5.3A 5.3B 5.3C 5.3K	Unit 4: Estimate Solutions (5.3(A)) Unit 5: Multiply Whole Numbers (5.3(B)) Unit 6: Divide Whole Numbers (5.3(C)) Unit 14: Add and Subtract Decimals (5.3(K))	Lesson 5: Estimation and Problem Solving (5.3.A) Lesson 7: Multiply Whole Numbers (5.3.B) Lesson 8: Divide Whole Numbers (5.3.C)	Solve Multi-Step Problems Divide Whole Numbers Practice: Divide Whole Numbers Multiplication of Decimals Round Decimals Practice: Round Decimals	
<b>Unit 2:</b> Algebraic Reasoning	5.1A-G 5.4A 5.4B 5.4E 5.4F	Unit 17: Identify Prime and Composite Numbers (5.4(A)) Unit 18: Use Equations to Solve Problems with Whole Numbers (5.4(B)) Unit 21: Simplify Expressions Containing Parentheses and Brackets (5.4(E), 5.4(F))	Lesson 3: Simplify Expressions (5.4.F, 5.4.E) Lesson 4: Prime and Composite Numbers (5.4.A) Lesson 6: Solve Multi-Step Problems (5.4.B)	Factors Practice: Multiples, Factors, and Prime Numbers Practice: Understand Multiplication as Comparison Solving Equations Using Equations to Solve Problems Write and Evaluate Expressions Practice: Interpret and Evaluate Expressions Numerical Expressions and Order of Operations	
<b>Unit 3:</b> Financial Literacy	5.1A-G 5.10A 5.10B 5.10C 5.10D 5.10E 5.10F	Unit 34: Understand Taxes and Income (5.10(A), 5.10(B)) Unit 35: Compare Methods of Payment and Organize Financial Records (5.10(C), 5.10(D)) Unit 36: Understand How to Balance a Budget (5.10(E), 5.10(F))	Lesson 28: Types of Taxes (5.10.A) Lesson 29: Income and Pay Statements (5.10.B) Lesson 30: Balance a Budget (5.10.E, 5.10.F)		
<b>Unit 4:</b> Extending Decimals	5.1A-G 5.2A 5.2B 5.2C 5.3A 5.3K 5.4F	Unit 1: Represent Decimal Digits with Expanded Notation and Numerals (5.2(A)) Unit 2: Compare Two Decimals to Thousandths (5.2(B)) Unit 3: Round Decimals to Tenths or Hundredths (5.2(C))	Lesson 1: Read and Write Decimals (5.2.A) Lesson 2: Compare and Round Decimals (5.2.B, 5.2.C) Lesson 3: Simplify Expressions (5.4.F, 5.4.E) Lesson 5: Estimation and Problem Solving (5.3.A) Lesson 12: Add and Subtract Fractions and Decimals in Word Problems (5.3.K)	Understand Place Value Read and Write Decimals Compare Decimals Round Decimals Practice: Round Decimals Solve Multi-Step Problems Divide Whole Numbers	Practice: Divide Whole Numbers Multiplication of Decimals Add and Subtract Decimals Practice: Add Decimals Practice: Subtract Decimals Write and Evaluate Expressions Practice: Interpret and Evaluate Expressions

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<b>Unit 5:</b> Decimal Multiplication and Division	5.1A-G 5.3A 5.3D 5.3E 5.3F 5.3G 5.4F	Unit 4: Estimate Solutions (5.3(A)) Unit 7: Represent Decimal Multiplication (5.4(D)) Unit 8: Use Strategies to Multiply Decimals (5.3(E)) Unit 9: Represent Decimal Division (5.3(F)) Unit 10: Use Strategies and Algorithms to Divide Decimals (5.3(G)) Unit 21: Simplify Expressions Containing Parentheses and Brackets (5.4(E), 5.4(F))	Lesson 3: Simplify Expressions (5.4.F, 5.4.E) Lesson 5: Estimation and Problem Solving (5.3.A) Lesson 9: Multiply Decimals (5.3.E, 5.3.D) Lesson 10: Divide Decimals (5.3.G, 5.3.F)	Solve Multi-Step Problems Divide Whole Numbers Practice: Divide Whole Numbers Multiplication of Decimals Practice: Whole Numbers and Powers of Ten Multiply and Divide Decimals by Powers of Ten Practice: Decimals and Powers of Ten Multiply Decimals Practice: Divide Decimals Division of Whole Numbers and Decimals Division of Decimals Write and Evaluate Expressions Practice: Interpret and Evaluate Expressions
<b>Unit 6:</b> Addition and Subtraction of Fractions	5.1A-G 5.3A 5.3H 5.3K 5.4F	Unit 4: Estimate Solutions (5.3(A)) Unit 11: Add and Subtract Fractions with Unequal Denominators (5.3(H)) Unit 15: Add and Subtract Fractions (5.3(K)) Unit 21: Simplify Expressions Containing Parentheses and Brackets (5.4(E), 5.4(F))	Lesson 3: Simplify Expressions (5.4.F, 5.4.E) Lesson 5: Estimation and Problem Solving (5.3.A) Lesson 11: Add and Subtract Fractions (5.3.H) Lesson 12: Add and Subtract Fractions and Decimals in Word Problems (5.3.K)	Solve Multi-Step Problems Add Fractions with Unlike Denominators Add Mixed Numbers with Unlike Denominators Subtract Fractions with Unlike Denominators Subtract Mixed Numbers with Unlike Denominators Practice: Fraction Addition and Subtraction Practice: Mixed Number Addition and Subtraction Fractions as Tenths and Hundredths Add and Subtract Fractions Add and Subtract Fractions in Word Problems Write and Evaluate Expressions Practice: Interpret and Evaluate Expressions

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<b>Unit 7:</b> Multiplication and Division of Whole Numbers by a Fraction	5.1A-G 5.3A 5.3I 5.3J 5.3L 5.4F	Unit 4: Estimate Solutions (5.3(A)) Unit 12: Use Objects and Pictures to Multiply a Whole Number and a Fraction (5.3(I)) Unit 13: Divide Unit Fractions and Whole Numbers (5.3(J), 5.3(L)) Unit 21: Simplify Expressions Containing Parentheses and Brackets (5.4(E), 5.4(F))	Lesson 3: Simplify Expressions (5.4.F, 5.4.E) Lesson 5: Estimation and Problem Solving (5.3.A) Lesson 13: Understand Fraction Multiplication (5.3.I) Lesson 14: Multiply Fractions (5.3.I) Lesson 15: Understand Division with Unit Fractions (5.3.J) Lesson 16: Divide Unit Fractions in Word Problems (5.3.L)	Solve Multi-Step Problems Multiply a Fraction by a Whole Number Practice: Multiply a Fraction by a Whole Number Multiply a Whole Number by a Fraction Practice: Multiply and Divide by Fractions Multiply a Unit Fraction by a Unit Fraction Practice: Multiply and Divide Unit Fractions Multiply a Fraction by a Fraction	Practice: Multiply a Fraction by a Fraction Multiply a Unit Fraction by a Whole Number Multiply a Whole Number by a Unit Fraction Divide a Whole Number by a Unit Fraction Divide a Unit Fraction by a Whole Number Write and Evaluate Expressions Practice: Interpret and Evaluate Expressions
<b>Unit 8:</b> Geometry and Measurement	5.1A-G 5.4G 5.4H 5.5A 5.6A 5.6B 5.7A	Unit 22: Develop Volume Formulas for Rectangular Prisms and Cubes (5.4(G)) Unit 23: Represent and Solve Problems Involving Area and Perimeter (5.4(H)) Unit 24: Represent and Solve Problems Involving Volume (5.4(H)) Unit 25: Classify Two-Dimensional Figures (5.5(A)) Unit 26: Understand and Measure Volume in Cubic Units (5.6(A), 5.6(B)) Unit 27: Convert Measurement Units to Solve Problems (5.7(A))	Lesson 17: Classify Two-Dimensional Figures (5.5.A) Lesson 18: Solve Word Problems Involving Conversions (5.7.A) Lesson 19: Understand Volume (5.6.A) Lesson 20: Find Volume Using Unit Cubes (5.6.B) Lesson 21: Measure Perimeter, Area, and Volume (5.4.H)	Understand and Measure Volume Practice: Measure Volume Measure Volume Using Formulas Practice: Volume of Rectangular Prisms Practice: Volume of Composite Figures Volume with Fractional Length Area of Parallelograms, Quadrilaterals, and Polygons Concepts of Area and Perimeter Multiply Fractions to Find Area	

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<b>Unit 9:</b> Patterns on a Coordinate Plane	5.1A-G 5.4C 5.4D 5.8A 5.8B 5.8C	Unit 19: Generate a Numerical Pattern (5.4(C)) Unit 20: Recognize Additive and Multiplicative Patterns in a Table or Graph (5.4(D)) Unit 28: Understand and Use the Coordinate Plane (5.8(A), 5.8(B)) Unit 29: Represent Problems on the Coordinate Plane (5.8(C)) Unit 30: Represent Problems Involving Fractions and Decimals on the Coordinate Plane (5.8(C))	Lesson 22: Understand the Coordinate Plane (5.8.A, 5.8.B) Lesson 23: Graph Points in the Coordinate Plane (5.8.C, 5.8.B) Lesson 24: Analyze and Graph Patterns and Relationships (5.4.C, 5.4.D)	Analyze Patterns and Relationships Practice: Analyze Patterns and Relationships Understand the Coordinate Plane
<b>Unit 10:</b> Representing Data	5.1A-G 5.9A 5.9B 5.9C	Unit 31: Represent Data with a Bar Graph, Frequency Table, Dot Plot, Stem-and-Leaf Plot, or Scatterplot (5.9(A)) Unit 32: Use a Scatterplot to Represent Data (5.9(B)) Unit 33: Solve Problems Using Data from a Bar Graph, Frequency Table, Dot Plot, Stem-and-Leaf Plot, or Scatterplot (5.9(C))	Lesson 25: Representations of Data (5.9.A) Lesson 26: Scatterplots (5.9.B) Lesson 27: Solve Problems from Data Displays (5.9.C)	Dot Plots

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<b>Unit 11:</b> Making Connections	5.1A-G 5.3E 5.3G 5.3I 5.3K 5.3L 5.4F	Unit 8: Use Strategies to Multiply Decimals (5.3(E)) Unit 10: Use Strategies and Algorithms to Divide Decimals (5.3(G)) Unit 12: Use Objects and Pictures to Multiply a Whole Number and a Fraction (5.3(I)) Unit 16: Add and Subtract Fractions, Decimals, and Whole Numbers (5.3(K)) Unit 13: Divide Unit Fractions and Whole Numbers (5.3(J), 5.3(L)) Unit 21: Simplify Expressions Containing Parentheses and Brackets (5.4(E), 5.4(F))	Lesson 3: Simplify Expressions (5.4.F, 5.4.E) Lesson 9: Multiply Decimals (5.3.E, 5.3.D) Lesson 10: Divide Decimals (5.3.G, 5.3.F) Lesson 12: Add and Subtract Fractions and Decimals in Word Problems (5.3.K) Lesson 13: Understand Fraction Multiplication (5.3.I) Lesson 14: Multiply Fractions (5.3.I) Lesson 16: Divide Unit Fractions in Word Problems (5.3.L)	Practice: Whole Numbers and Powers of Ten Multiply and Divide Decimals by Powers of Ten Practice: Decimals and Powers of Ten Multiply Decimals Multiplication of Decimals Division of Whole Numbers and Decimals Division of Decimals Multiply a Fraction by a Whole Number Practice: Multiply a Fraction by a Whole Number Multiply a Whole Number by a Fraction Practice: Multiply and Divide by Fractions Multiply a Unit Fraction by a Unit Fraction Practice: Multiply and Divide Unit Fractions Multiply a Fraction by a Fraction Practice: Multiply a Fraction by a Fraction Multiply a Unit Fraction by a Whole Number Multiply a Whole Number by a Unit Fraction	Understand Fraction Multiplication Understand Products of Fractions Add and Subtract Fractions Add and Subtract Decimals Practice: Add Decimals Practice: Subtract Decimals Add Fractions with Unlike Denominators Subtract Fractions with Unlike Denominators Practice: Fraction Addition and Subtraction Add Mixed Numbers with Unlike Denominators Subtract Mixed Numbers with Unlike Denominators Practice: Mixed Number Addition and Subtraction Add and Subtract Fractions in Word Problems Divide a Unit Fraction by a Whole Number Divide a Whole Number by a Unit Fraction Divide Unit Fractions in Word Problems Write and Evaluate Expressions Practice: Interpret and Evaluate Expressions

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<b>Unit 12:</b> Essential Understandings of Decimals	5.1A-G 5.3A 5.3D 5.3E 5.3F 5.3G 5.3K 5.4F	Unit 4: Estimate Solutions (5.3(A)) Unit 7: Represent Decimal Multiplication (5.4(D)) Unit 8: Use Strategies to Multiply Decimals (5.3(E)) Unit 9: Represent Decimal Division (5.3(F)) Unit 10: Use Strategies and Algorithms to Divide Decimals (5.3(G)) Unit 16: Add and Subtract Fractions, Decimals, and Whole Numbers (5.3(K)) Unit 21: Simplify Expressions Containing Parentheses and Brackets (5.4(E), 5.4(F))	Lesson 3: Simplify Expressions (5.4.F, 5.4.E) Lesson 5: Estimation and Problem Solving (5.3.A) Lesson 9: Multiply Decimals (5.3.E, 5.3.D) Lesson 10: Divide Decimals (5.3.G, 5.3.F) Lesson 12: Add and Subtract Fractions and Decimals in Word Problems (5.3.K)	Solve Multi-Step Problems Divide Whole Numbers Practice: Divide Whole Numbers Multiplication of Decimals Practice: Whole Numbers and Powers of Ten Multiply and Divide Decimals by Powers of Ten Practice: Decimals and Powers of Ten Multiply Decimals Practice: Divide Decimals	Division of Whole Numbers and Decimals Division of Decimals Add and Subtract Fractions Add and Subtract Decimals Practice: Add Decimals Practice: Subtract Decimals Write and Evaluate Expressions Practice: Interpret and Evaluate Expressions
<b>Unit 13:</b> Essential Understandings of Fractions	5.1A-G 5.3A 5.3H 5.3I 5.3J 5.3K 5.3L 5.4F	Unit 4: Estimate Solutions (5.3(A)) Unit 11: Add and Subtract Fractions with Unequal Denominators (5.3(H)) Unit 12: Use Objects and Pictures to Multiply a Whole Number and a Fraction (5.3(I)) Unit 13: Divide Unit Fractions and Whole Numbers (5.3(J), 5.3(L)) Unit 16: Add and Subtract Fractions, Decimals, and Whole Numbers (5.3(K)) Unit 21: Simplify Expressions Containing Parentheses and Brackets (5.4(E), 5.4(F))	Lesson 3: Simplify Expressions (5.4.F, 5.4.E) Lesson 5: Estimation and Problem Solving (5.3.A) Lesson 11: Add and Subtract Fractions (5.3.H) Lesson 12: Add and Subtract Fractions and Decimals in Word Problems (5.3.K) Lesson 13: Understand Fraction Multiplication (5.3.I) Lesson 14: Multiply Fractions (5.3.I) Lesson 15: Understand Division with Unit Fractions (5.3.J)	Subtract Fractions with Unlike Denominators Subtract Mixed Numbers with Unlike Denominators Add Fractions with Unlike Denominators Add Mixed Numbers with Unlike Denominators Practice: Fraction Addition and Subtraction Practice: Mixed Number Addition and Subtraction Fractions as Tenths and Hundredths Add and Subtract Fractions Add and Subtract Fractions in Word Problems	Multiply a Unit Fraction by a Unit Fraction Practice: Multiply and Divide Unit Fractions Multiply a Fraction by a Fraction Practice: Multiply a Fraction by a Fraction Multiply a Unit Fraction by a Whole Number Multiply a Whole Number by a Unit Fraction Understand Fraction Multiplication Understand Products of Fractions

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Unit 13, cont'd: Essential Understandings of Fractions			Lesson 16: Divide Unit Fractions in Word Problems (5.3.L)	Multiply a Fraction by a Whole Number Practice: Multiply a Fraction by a Whole Number Multiply a Whole Number by a Fraction Practice: Multiply and Divide by Fractions	Divide a Whole Number by a Unit Fraction Divide a Unit Fraction by a Whole Number Divide Unit Fractions in Word Problems Write and Evaluate Expressions Practice: Interpret and Evaluate Expressions