



ThinkUp!TM

with  i-Ready[®]

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

MATH | Grade 7

TEKS Resource System		ThinkUp!	Ready Texas Mathematics & i-Ready Personalized Instruction Math Lessons	
Unit	TEKS	ThinkUp! Math	Ready Texas	i-Ready
Unit 1: Number and Operations	7.1A-7.1G 7.2A 7.3A 7.3B 7.13A 7.13C	Unit 1: Describe Relationships Between Sets of Rational Numbers (7.2(A)) Unit 2: Perform Operations Fluently on Rational Numbers (7.3(A), 7.3(B)) Unit 35: Calculate Sales Tax and Income Tax (7.13(A)) Unit 37: Create Assets and Liabilities Records (7.13(C))	Lesson 1: Whole Numbers, Integers, and Rational Numbers (7.2) Lesson 2: Multiply and Divide Rational Numbers (7.3.A) Lesson 3: Add and Subtract Rational Numbers (7.3.A) Lesson 4: Solve Problems with Rational Numbers (7.3.B) Lesson 28: Sales and Income Tax (7.13.A) Lesson 31: Net Worth (7.13.C)	Multiplication and Division of Rational Numbers Add and Subtract Rationals Practice: Add and Subtract Rationals Strategies to Add and Subtract Rationals Practice: Strategies to Add and Subtract Rationals Strategies to Add and Subtract Integers Practice: Strategies to Add and Subtract Integers Divide Integers Multiply Integers Problem Solving with Rational Numbers Understand Subtraction with Integers Practice: Adding and Subtracting Integers
Unit 2: One-Variable Equations and Inequalities	7.1A-7.1G 7.10A 7.10B 7.10C 7.11A 7.11B 7.11C 7.13D 7.13E 7.13F	Unit 27: Write Equations and Inequalities and Represent Solutions (7.10(A), 7.10(B)) Unit 28: Write a Real-World Problem Given an Equation or Inequality (7.10(C)) Unit 29: Model and Solve Equations and Inequalities (7.11(A)) Unit 30: Determine If Given Values Make Equations or Inequalities True (7.11(B)) Unit 31: Write and Solve Equations Using Geometric Concepts (7.11(C)) Unit 36: Understand Personal Budgets and Use Family Budgets (7.13(B), 7.13(D)) Unit 38: Calculate Simple and Compound Interest (7.13(E)) Unit 39: Analyze Monetary Incentives (7.13(F))	Lesson 11: Understand Equations and Inequalities (7.10.C, 7.11.A, 7.11.B) Lesson 12: Solve Problems with Equations (7.10.A, 7.11.A, 7.11.B) Lesson 13: Solve Problems with Inequalities (7.10.A, 7.10.B, 7.11.A, 7.11.B) Lesson 15: Problem Solving with Angles (7.11.C) Lesson 30: Family Budgets and Smart Shopping (7.13.D, 7.13.E) Lesson 32: Simple and Compound Interest (7.13.E)	Problem Solving with Equations Problem Solving with Inequalities Solving Equations Solving Inequalities Angle Sums Properties Solve Percent Problems, Part 1 Practice: Solve Percent Problems Solve Percent Problems, Part 2 Solve Percent Problems, Part 3 Percent Change

TEKS Resource System		ThinkUp!	Ready Texas Mathematics & i-Ready Personalized Instruction Math Lessons	
Unit	TEKS	ThinkUp! Math	Ready Texas	i-Ready
Unit 3: Proportional Reasoning with Ratios and Rates	7.1A-7.1G 7.4A 7.4B 7.4C 7.4D 7.4E 7.13B	Unit 3: Represent Constant Rates of Change (7.4(A)) Unit 4: Calculate Unit Rates (7.4(B)) Unit 5: Determine the Constant of Proportionality (7.4(C)) Unit 6: Solve Problems Involving Ratios, Rates, and Percents (7.4(D)) Unit 7: Convert Between Measurement Systems (7.4(E)) Unit 36: Understand Personal Budgets and Use Family Budgets (7.13(B), 7.13(D))	Lesson 5: Understand Unit Rate (7.4.B) Lesson 6: Understand Proportional Relationships (7.4.A, 7.4.C) Lesson 7: Equations for Proportional Relationships (7.4.A, 7.4.C, 7.4.D) Lesson 8: Problem Solving with Proportional Relationships (7.4.D) Lesson 9: Percent Change (7.4.D) Lesson 14: Measurement Conversions (7.4.E) Lesson 29: Personal Budgets (7.13.B)	Unit Rates Involving Ratios of Fractions, Part 1 Unit Rates Involving Ratios of Fractions, Part 2 Practice: Unit Rates Involving Ratios of Fractions Understand Proportional Relationships Write Equations for Proportional Relationships Practice: Proportional Relationships Solve Percent Problems, Part 1 Practice: Solve Percent Problems Solve Percent Problems, Part 2 Solve Percent Problems, Part 3 Percent Change
Unit 4: Graphs and Two-Variable Equations	7.1A-7.1G 7.4A 7.4C 7.7A	Unit 3: Represent Constant Rates of Change (7.4(A)) Unit 5: Determine the Constant of Proportionality (7.4(C)) Unit 19: Represent Linear Relationships (7.7(A))	Lesson 6: Understand Proportional Relationships (7.4.A, 7.4.C) Lesson 7: Equations for Proportional Relationships (7.4.A, 7.4.C, 7.4.D) Lesson 10: Represent Linear Relationships (7.7)	Understand Proportional Relationships Write Equations for Proportional Relationships Practice: Proportional Relationships Reasons for Equivalent Linear Expressions Understand Multi-Step Equations Write and Solve Multi-Step Equations Practice: Write and Solve Multi-Step Equations
Unit 5: Similarity	7.1A-7.1G 7.5A 7.5C	Unit 8: Generalize the Critical Attributes of Similarity (7.5(A)) Unit 10: Solve Problems Involving Similar Shape and Scale Drawings (7.5(C))	Lesson 16: Similar Figures (7.5.A, 7.5.C) Lesson 19: Scale Drawings (7.5.C)	Scale Drawings Properties of Dilations

TEKS Resource System		ThinkUp!	Ready Texas Mathematics & i-Ready Personalized Instruction Math Lessons	
Unit	TEKS	ThinkUp! Math	Ready Texas	i-Ready
Unit 6: Probability	7.1A-7.1G 7.6A 7.6B 7.6C 7.6D 7.6E 7.6F 7.6H 7.6I	Unit 11: Represent Sample Spaces for Simple and Compound Events (7.6(A)) Unit 12: Select and Use Different Simulations to Represent Events (7.6(B)) Unit 13: Use Experimental Data and Theoretical Probability (7.6(C), 7.6(D)) Unit 14: Find Probabilities of a Simple Event and Its Complement (7.6(E)) Unit 15: Use Data from a Random Sample to Make Inferences (7.6(F)) Unit 17: Solve Problems Using Qualitative and Quantitative Predictions (7.6(H)) Unit 18: Determine Experimental and Theoretical Probabilities (7.6(I))	Lesson 22: Sample Spaces (7.6.A) Lesson 23: Experimental Probability (7.6.C, 7.6.I) Lesson 24: Theoretical Probability (7.6.D, 7.6.E, 7.6.I) Lesson 25: Probability Comparisons (7.6.H, 7.6.I)	Probability Models Simulations of Compound Events Experimental Probability Probability of Compound Events Probability Concepts Random Samples
Unit 7: Circles and Composite Figures	7.1A-7.1G 7.4E 7.5B 7.8C 7.9B 7.9C	Unit 7: Convert Between Measurement Systems (7.4(E)) Unit 9: Describe π as a Ratio of Circumference to Diameter (7.5(B)) Unit 22: Use Models to Determine the Formulas for Circumference and Area (7.8(C)) Unit 24: Determine the Circumference and Area of Circles (7.9(B)) Unit 25: Determine the Area of Composite Figures (7.9(C))	Lesson 14: Measurement Conversions (7.4.E) Lesson 16: Similar Figures (7.5.A, 7.5.C) Lesson 17: Area and Circumference of a Circle (7.5.B, 7.9.B) Lesson 18: Area of Composite Figures (7.9.C)	Area and Circumference of a Circle Area of Composed Figures

TEKS Resource System		ThinkUp!	Ready Texas Mathematics & i-Ready Personalized Instruction Math Lessons	
Unit	TEKS	ThinkUp! Math	Ready Texas	i-Ready
Unit 8: Volume and Surface Area	7.1A-7.1G 7.8A 7.8B 7.9A 7.9D	Unit 20: Model the Relationship Between Volumes of Rectangular Prisms and Pyramids (7.8(A)) Unit 21: Explain the Relationship Between Volumes of Triangular Prisms and Pyramids (7.8(B)) Unit 23: Solve Problems Involving Volume (7.9(A)) Unit 26: Solve Problems Involving Surface Area Using Nets (7.9(D))	Lesson 20: Nets and Surface Area (7.9.D) Lesson 21: Volume of Solids (7.9.A)	Volume with Fractional Length Nets and Surface Area
Unit 9: Data Representations	7.1A-7.1G 7.6G 7.12A 7.12B 7.12C 7.13B	Unit 16: Solve Problems Involving Data Represented in Graphs (7.6(G)) Unit 32: Compare Data Using Dot Plots or Box Plots (7.12(A)) Unit 33: Use Data from a Random Sample to Make Inferences (7.12(B)) Unit 34: Compare Two Populations Based on Data in Random Samples (7.12(C)) Unit 36: Understand Personal Budgets and Use Family Budgets (7.13(B), 7.13(D))	Lesson 26: Using Data Representations (7.6.G) Lesson 27: Comparing Data (7.12.A, 7.12.B, 7.12.C) Lesson 29: Personal Budgets (7.13.B)	Box Plots Dot Plots Using Mean and Mean Absolute Deviation to Compare Data Making Statistical Inferences

TEKS Resource System		ThinkUp!	Ready Texas Mathematics & i-Ready Personalized Instruction Math Lessons		
Unit	TEKS	ThinkUp! Math	Ready Texas	i-Ready	
Unit 10: Making Connections	7.1A-7.1G 7.3B 7.4A 7.4B 7.4C 7.4D 7.5C 7.7A	Unit 2: Perform Operations Fluently on Rational Numbers (7.3(A), 7.3(B)) Unit 3: Represent Constant Rates of Change (7.4(A)) Unit 4: Calculate Unit Rates (7.4(B)) Unit 5: Determine the Constant of Proportionality (7.4(C)) Unit 6: Solve Problems Involving Ratios, Rates, and Percents (7.4(D)) Unit 10: Solve Problems Involving Similar Shape and Scale Drawings (7.5(C)) Unit 19: Represent Linear Relationships (7.7(A))	Lesson 4: Solve Problems with Rational Numbers (7.3.B) Lesson 5: Understand Unit Rate (7.4.B) Lesson 6: Understand Proportional Relationships (7.4.A, 7.4.C) Lesson 7: Equations for Proportional Relationships (7.4.A, 7.4.C, 7.4.D) Lesson 10: Represent Linear Relationships (7.7) Lesson 16: Similar Figures (7.5.A, 7.5.C) Lesson 19: Scale Drawings (7.5.C)	Add and Subtract Rationals Practice: Add and Subtract Rationals Strategies to Add and Subtract Rationals Practice: Strategies to Add and Subtract Rationals Strategies to Add and Subtract Integers Practice: Strategies to Add and Subtract Integers Divide Integers Multiply Integers Practice: Multiply and Divide Integers Multiply and Divide Rationals Practice: Multiply and Divide Rationals Understand Subtraction with Integers Practice: Adding and Subtracting Integers Solve Problems with Rational Numbers	Unit Rates Involving Ratios of Fractions, Part 1 Unit Rates Involving Ratios of Fractions, Part 2 Practice: Unit Rates Involving Ratios of Fractions Understand Proportional Relationships Write Equations for Proportional Relationships Practice: Proportional Relationships Solve Percent Problems, Part 1 Practice: Solve Percent Problems Solve Percent Problems, Part 2 Solve Percent Problems, Part 3 Percent Change Scale Drawings Reasons for Equivalent Linear Expressions Understand Multi-Step Equations Write and Solve Multi-Step Equations Practice: Write and Solve Multi-Step Equations

TEKS Resource System		ThinkUp!	Ready Texas Mathematics & i-Ready Personalized Instruction Math Lessons	
Unit	TEKS	ThinkUp! Math	Ready Texas	i-Ready
Unit 11: Essential Understandings of Algebra	7.1A-7.1G 7.7A 7.10A 7.10B 7.10C 7.11A 7.11B	Unit 19: Represent Linear Relationships (7.7(A)) Unit 27: Write Equations and Inequalities and Represent Solutions (7.10(A), 7.10(B)) Unit 28: Write a Real-World Problem Given an Equation or Inequality (7.10(C)) Unit 29: Model and Solve Equations and Inequalities (7.11(A)) Unit 30: Determine If Given Values Make Equations or Inequalities True (7.11(B))	Lesson 10: Represent Linear Relationships (7.7) Lesson 11: Understand Equations and Inequalities (7.10.C, 7.11.A, 7.11.B) Lesson 12: Solve Problems with Equations (7.10.A, 7.11.A, 7.11.B) Lesson 13: Solve Problems with Inequalities (7.10.A, 7.10.B, 7.11.A, 7.11.B)	Reasons for Equivalent Linear Expressions Understand Multi-Step Equations Write and Solve Multi-Step Equations Practice: Write and Solve Multi-Step Equations Understand Solutions of Inequalities Solve Problems with Inequalities Solve Inequalities Solve Multi-Step Equations, Part 1 Solve Multi-Step Equations, Part 2 Equivalent Linear Expressions Practice: Equivalent Linear Expressions
Unit 12: Essential Understandings of Geometry	7.1A-7.1G 7.9A 7.9B 7.9C 7.11C	Unit 23: Solve Problems Involving Volume (7.9(A)) Unit 24: Determine the Circumference and Area of Circles (7.9(B)) Unit 25: Determine the Area of Composite Figures (7.9(C)) Unit 31: Write and Solve Equations Using Geometric Concepts (7.11(C))	Lesson 15: Problem Solving with Angles (7.11.C) Lesson 17: Area and Circumference of a Circle (7.5.B, 7.9.B) Lesson 18: Area of Composite Figures (7.9.C) Lesson 21: Volume of Solids (7.9.A)	Area of Composed Figures Angle Sums Properties