





MATH IN FOCUS GRADES K-5 AND COURSES 1-3 + ACCELERATED

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Grade K

CHAPTER 1

NUMBERS TO 5

Chapter Opener

- 1 All About 1 and 2
- 2 All About 3 and 4
- 3 All About 5
- 4 All About 0
- 5 Order Numbers to 5

Put On Your Thinking Cap!

My Math Dictionary

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CHAPTER 2

NUMBERS TO 10

Chapter Opener

- 1 All About 6 and 7
- 2 All About 8 and 9
- 3 All About 10
- 4 Order Numbers to 10
- 5 Compose and Decompose Numbers to 10
- 6 Ordinal Numbers

Put On Your Thinking Cap!

My Math Dictionary

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CHAPTER 3

MEASUREMENT

Chapter Opener

- 1 Compare Lengths
- 2 Compare Heights
- 3 Compare Weights

Put On Your Thinking Cap!

My Math Dictionary

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CHAPTER 4

COMPARE NUMBERS TO 10

Chapter Opener

1 Same Number

- 2 Greater Than
- 3 Less Than
- 4 Compare Numbers to 10

Put On Your Thinking Cap!

My Math Dictionary

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CHAPTER 5

FLAT AND SOLID SHAPES

Chapter Opener

- 1 Flat Shapes
- 2 Solid Shapes
- 3 Positions
- 4 Compose New Shapes
- 5 Compare Flat and Solid Shapes
- 6 Shape Patterns

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My Math Dictionary

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CHAPTER 6

NUMBERS TO 20 (Book B)

Chapter Opener

- 1 Numbers 11 to 13
- 2 Numbers 14 to 16
- 3 Numbers 17 to 20
- 4 Compose and Decompose Numbers to 20

Put On Your Thinking Cap!

My Math Dictionary

Chapter Review

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CHAPTER 7

ADDITION

Chapter Opener

- 1 Addition Stories
- 2 Put Together and Add To
- 3 Add Fluently Within 5
- 4 Add Within 10
- 5 Addition Sentences

Put On Your Thinking Cap!
My Math Dictionary
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CHAPTER 8

SUBTRACTION

Chapter Opener

- 1 Subtraction Stories
- 2 Take Apart and Take From
- 3 Subtract Fluently Within 5
- 4 Subtract Within 10
- 5 Subtraction Sentences

Put On Your Thinking Cap!

My Math Dictionary

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CHAPTER 9

NUMBERS TO 100

Chapter Opener

- 1 Numbers 21 to 50
- 2 Numbers 51 to 100
- 3 Count by 10s to 100
- 4 Number Patterns

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My Math Dictionary

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CHAPTER 10

SORTING

Chapter Opener

- 1 Same and Different
- 2 Sorting Things by One Attribute

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My Math Dictionary

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CHAPTER 1

NUMBERS TO 10 (Book A)

Chapter Opener

Recall Prior Knowledge

1 Counting to 10

2 Comparing Numbers

3 Number Patterns

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 2

ADDITION AND SUBTRACTION WITHIN 10 (Book A)

Chapter Opener

Recall Prior Knowledge

1 Making Number Bonds

2 Ways to Add

3 Making Addition Stories

4 Real-World Problems: Addition

5 Ways to Subtract

6 Making Subtraction Stories

7 Real-World Problems: Subtraction

8 Making Fact Families

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 3

SHAPES AND PATTERNS (Book A)

Chapter Opener

Recall Prior Knowledge

1 Exploring Flat Shapes

2 Exploring Solid Shapes

3 Using Shapes to Make Pictures and Models

4 Seeing Shapes Around Us

5 Using Flat Shapes to Make Patterns

6 Using Solid Shapes to Make Patterns

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 4

NUMBERS TO 20 (Book A)

Chapter Opener

Recall Prior Knowledge

1 Counting to 20

2 Place Value

3 Comparing and Ordering Numbers

4 Number Patterns

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

CHAPTER 5

ADDITION AND SUBTRACTION

WITHIN 20 (Book A)

Chapter Opener

Recall Prior Knowledge

1 Ways to Add Fluently

2 Ways to Subtract Fluently

3 Real-World Problems: Addition and Subtraction

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 6

NUMBERS TO 40 (Book A)

Chapter Opener

Recall Prior Knowledge

1 Counting to 40

2 Place Value

3 Comparing, Ordering, and Number Patterns

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up Chapter Review Performance Task

CHAPTER 7

CALENDAR AND TIME (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Using a Calendar
- 2 Telling Time to the Hour
- 3 Telling Time to the Half Hour

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 8

ADDITION AND SUBTRACTION

WITHIN 40 (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Addition Without Regrouping
- 2 Addition with Regrouping
- 3 Subtraction Without Regrouping
- 4 Subtraction with Regrouping
- 5 Real-World Problems: Addition and Subtraction
- 6 Getting Ready for Multiplication

Math Journal

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Chapter Wrap-Up

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CHAPTER 9

LENGTH AND WEIGHT (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Comparing Lengths
- 2 Comparing More Lengths
- 3 Using a Start Line
- 4 Measuring Length
- 5 Measuring Length in Units

- 6 Comparing Weights
- 7 Measuring Weight
- 8 Measuring Weight in Units

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 10

NUMBERS TO 120 (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Counting to 120
- 2 Place Value
- 3 Comparing, Ordering, and Number Patterns

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 11

ADDITION AND SUBTRACTION

WITHIN 100 (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Addition Without Regrouping
- 2 Addition with Regrouping
- 3 Subtraction Without Regrouping
- 4 Subtraction with Regrouping

Math Journal

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Chapter Wrap-Up

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Grade 1 continued

CHAPTER 12

GRAPHS (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Simple Picture Graphs
- 2 Tally Charts and Picture Graphs
- 3 Real-World Problems: Graphs

Math Journal

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Chapter Wrap-Up

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CHAPTER 13

MONEY (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Penny, Nickel, and Dime
- 2 Quarter
- 3 Counting Money
- 4 Adding and Subtracting Money

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review



CHAPTER 1

NUMBERS TO 1,000 (Book A)

Chapter Opener

Recall Prior Knowledge

1 Counting to 1,000

2 Place Value

3 Comparing and Ordering Numbers

4 Number Patterns

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

STEAM Project Work

CHAPTER 2

ADDITION WITHIN 1,000 (Book A)

Chapter Opener

Recall Prior Knowledge

1 Adding Fluently Within 100

2 Adding Without Regrouping

3 Adding with Regrouping in Ones

4 Adding with Regrouping in Tens

5 Adding with Regrouping in Ones and Tens

6 Adding Four 2-Digit Numbers

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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Performance Task

CHAPTER 3

SUBTRACTION WITHIN 1,000 (Book A)

Chapter Opener

Recall Prior Knowledge

1 Subtracting Fluently Within 100

2 Subtracting Without Regrouping

3 Subtracting with Regrouping in Tens and Ones

4 Subtracting with Regrouping in Hundreds and Tens

5 Subtracting with Regrouping in Hundreds, Tens, and Ones

6 Subtracting Across Zeros

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 4

USING BAR MODELS: ADDITION AND SUBTRACTION (Book A)

Chapter Opener

Recall Prior Knowledge

1 Using Part-Whole in Addition and Subtraction

2 Adding On and Taking Away Sets

3 Comparing Two Sets

4 Real-World Problems: Two-Step Problems

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

CHAPTER 5

LENGTH (Book A)

Chapter Opener

Recall Prior Knowledge

1 Measuring in Meters

2 Measuring in Centimeters

3 Comparing and Ordering Metric Lengths

4 Real–World Problems: Addition and Subtraction of Metric Lenaths

5 Measuring in Feet

6 Measuring in Inches

7 Comparing and Ordering Customary Lengths

8 Real-World Problems: Addition and Subtraction of Customary Lengths

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 6

MASS (Book A)

Chapter Opener: Recall Prior Knowledge

- 1 Measuring in Kilograms
- 2 Measuring in Grams
- 3 Comparing Masses in Kilograms and Grams
- 4 Real–World Problems: Addition and Subtraction of Masses

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 7

GRAPHS AND LINE PLOTS (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Picture Graphs
- 2 Bar Graphs
- 3 Line Plots

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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Performance Task

CHAPTER 8

MULTIPLICATION AND DIVISION (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 How to Multiply
- 2 How to Divide
- 3 Real-World Problems: Multiplication and Division
- 4 Odd and Even Numbers

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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STEAM Project Work

CHAPTER 9

MULTIPLICATION TABLES (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Multiply by 2
- 2 Multiply by 5
- 3 Multiply by 10
- 4 Multiply by 3
- 5 Multiply by 4
- 6 Multiplying Numbers in Any Order
- 7 Dividing Using Multiplication Facts

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 10

TIME AND MONEY (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Reading and Writing Time
- 2 Using A.M. and P.M.
- 3 Bills
- 4 Comparing Amounts of Money
- 5 Real-World Problems: Money

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 11

SHAPES (Book B)

Chapter Opener: Recall Prior Knowledge

- 1 Lines and Surfaces
- 2 Flat Shapes
- 3 Solid Shapes

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 1

NUMBERS TO 10,000 (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Counting to 10,000
- 2 Place Value
- 3 Comparing and Ordering Numbers
- 4 Rounding Numbers to the Nearest Ten
- 5 Rounding Numbers to the Nearest Hundred

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 2

ADDITION WITHIN 10,000 (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Addition Problems
- 2 Mental Addition
- 3 Adding Fluently Within 1,000
- 4 Adding Without Regrouping
- 5 Adding with Regrouping
- 6 Real-World Problems: Addition

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 3

SUBTRACTION WITHIN 10,000 (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Mental Subtraction
- 2 Subtracting Fluently Within 1,000

- 3 Subtracting Without Regrouping
- 4 Subtracting with Regrouping
- 5 Real-world Problems: Subtraction

Math Journal

Put on Your Thinking Cap!

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CHAPTER 4

MULTIPLICATION TABLES (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Multiplying by 6
- 2 Multiplying by 7
- 3 Multiplying by 8
- 4 Multiplying by 9
- 5 Multiplying by 11
- 6 Multiplying by 12
- 7 Multiplication Patterns
- 8 Dividing Using Multiplication Facts

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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STEAM Project Work

CHAPTER 5

MULTIPLICATION (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Multiplying Using Models
- 2 Multiplying Without Regrouping
- 3 Multiplying with Regrouping

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

CHAPTER 6

USING BAR MODELS; THE FOUR

OPERATIONS (Book A)

Chapter Opener

Recall Prior Knowledge

1 Real-World Problems: Multiplication

2 Real-World Problems: Division

3 Real-World Problems: Four Operations

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

CHAPTER 7

FRACTIONS (Book B)

Chapter Opener

Recall Prior Knowledge

1 Understanding Unit Fractions

2 Fractions as Part of a Whole

3 Fractions as Part of a Set

4 Understanding Equivalent Fractions

5 Comparing Fractions

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

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CHAPTER 8

MEASUREMENT (Book B)

Chapter Opener

Recall Prior Knowledge

1 Mass: Kilograms and Grams

2 Liquid Volume: Liters and Milliliters

3 Real-World Problems: One-Step Problems

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

STEAM Project Work

CHAPTER 9

AREA AND PERIMETER (Book B)

Chapter Opener

Recall Prior Knowledge

1 Area

2 Square Units (cm² and in.²)

3 Square Units (m² and ft²)

4 Perimeter and Area

5 More Perimeter

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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Performance Task

CHAPTER 10

TIME (Book B)

Chapter Opener

Recall Prior Knowledge

1 Telling Time

2 Converting Hours and Minutes

Recall Prior Knowledge

1 Telling Time

2 Converting Hours and Minutes

3 Elapsed Time

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Grade 3 continued

CHAPTER 11

GRAPHS AND LINE PLOTS (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Making Picture Graphs with Scales
- 2 Making Bar Graphs with Scales
- 3 Reading and Interpreting Bar Graphs
- 4 Line Plots and Estimation

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

CHAPTER 12

ANGLES, LINES, AND TWO-DIMENSIONAL FIGURES (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Introducing Angles
- 2 Introducing Perpendicular and Parallel Lines
- 3 Polygons

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

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CHAPTER 1

WORKING WITH WHOLE NUMBERS (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Numbers to 100,000
- 2 Numbers to 1,000,000
- 3 Comparing and Ordering Numbers
- 4 Adding and Subtracting Multi-Digit Numbers
- 5 Rounding and Estimating
- 6 Real-World Problems: Addition and Subtraction

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

STEAM Project Work

CHAPTER 2

MULTIPLICATION AND DIVISION (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Multiplying by a 1-Digit or 2-Digit Number
- 2 Quotient and Remainder
- 3 Dividing by a 1-Digit Number
- 4 Real-World Problems: Multiplication and Division
- 5 Factors
- 6 Multiples
- 7 Real-World Problems: The Four Operations

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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STEAM Project Work

CHAPTER 3

FRACTIONS AND MIXED NUMBERS (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Equivalent Fractions
- 2 Comparing and Ordering Fractions
- 3 Adding and Subtracting Like Fractions
- 4 Mixed Numbers
- 5 Improper Fractions
- 6 Renaming Improper Fractions and Mixed Numbers
- 7 Adding and Subtracting Mixed Numbers
- 8 Multiplying Fractions and Whole Numbers
- 9 Real-World Problems: Fractions

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

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STEAM Project Work

CHAPTER 4

DECIMALS (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Understanding Tenths
- 2 Understanding Hundredths
- 3 Comparing and Ordering Decimals
- 4 Rounding Decimals
- 5 Fractions and Decimals

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

CHAPTER 5

CONVERSION OF MEASUREMENTS (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Length in Customary Units
- 2 Weight and Volume in Customary Units
- 3 Real-World Problems: Customary Units of Measure
- 4 Length in Metric Units
- 5 Mass and Volume in Metric Units
- 6 Real-World Problems: Metric Units of Measure
- 7 Time

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 6

AREA AND PERIMETER (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Area and Unknown Sides
- 2 Composite Figures
- 3 Real-World Problems: Area and Perimeter

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

CHAPTER 7

ANGLES AND LINE SEGMENTS (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Understanding and Measuring Angles
- 2 Drawing Angles to 180°
- 3 Turns and Angle Measures

- 4 Finding Unknown Angles
- 5 Drawing Perpendicular and Parallel Line Segments

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

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CHAPTER 8

POLYGONS AND SYMMETRY (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Classifying Triangles
- 2 Classifying Polygons
- 3 Symmetric Shapes and Lines of Symmetry
- 4 Making Symmetric Shapes and Patterns

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 9

TABLES AND LINE GRAPHS (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Making and Interpreting a Table
- 2 Using a Table
- 3 Line Graphs

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

CHAPTER 1

WHOLE NUMBERS AND THE FOUR OPERATIONS (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Numbers to 10,000,000
- 2 Multiplying by Tens, Hundreds, Thousands, and Powers of Tens
- 3 Dividing by Tens, Hundreds, and Thousands
- 4 Multiplying and Dividing by 2-Digit Numbers Fluently
- 5 Order of Operations
- 6 Real-World Problems: Four Operations of Whole Numbers

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

STEAM Project Work

CHAPTER 2

FRACTIONS AND MIXED NUMBERS (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Fractions, Mixed Numbers, and Division Expressions
- 2 Adding Unlike Fractions and Mixed Numbers
- 3 Subtracting Unlike Fractions and Mixed Numbers
- 4 Real-World Problems: Fractions and Mixed Numbers

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 3

MULTIPLYING AND DIVIDING FRACTIONS AND MIXED NUMBERS (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Multiplying Fractions and Whole Numbers
- 2 Multiplying Proper Fractions
- 3 Real-World Problems: Multiplying Proper Fractions
- 4 Multiplying Improper Fractions
- 5 Multiplying Mixed Numbers and Whole Numbers
- 6 Real-World Problems: Multiplying Mixed Numbers
- 7 Dividing Fractions and Whole Numbers
- 8 Real-World Problems: Multiplying and Dividing with Fractions

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 4

DECIMALS (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Understanding Thousandths
- 2 Comparing, Ordering, and Rounding Decimals
- 3 Decimals, Fractions, and Mixed Numbers

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

CHAPTER 5

FOUR OPERATIONS OF DECIMALS (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Adding Decimals
- 2 Subtracting Decimals
- 3 Multiplying Decimals
- 4 Multiplying Decimals by Tens, Hundreds, Thousands, and Powers of Ten
- 5 Dividing Decimals
- 6 Dividing by Tens, Hundreds, and Thousands
- 7 Estimating Decimals
- 8 Converting Metric Units
- 9 Real-World Problems: Decimals

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

CHAPTER 6

VOLUME (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Building Solids Using Unit Cubes
- 2 Understanding and Measuring Volume
- 3 Real-World Problems: Volume of a Rectangular Prism
- 4 Real-World Problems: Volume of Composite Solids

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

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CHAPTER 7

LINE PLOTS AND THE COORDINATE PLANE

(Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Making and Interpreting Line Plots
- 2 Graphing on a Coordinate Plane
- 3 Number Patterns and Graphs

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 8

POLYGONS (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Classifying Triangles
- 2 Classifying Polygons

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 9

RATIO (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Finding Ratio
- 2 Equivalent Ratios
- 3 Comparing Three Quantities
- 4 Real-World Problems: Ratio

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 10

PERCENT (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Percent
- 2 Fractions, Decimals, and Percent
- 3 Percent of a Quantity
- 4 Real-World Problems: Percent

Math Journal

Put on Your Thinking Cap!

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Course 1

CHAPTER 1

WHOLE NUMBERS, PRIME NUMBERS, AND PRIME FACTORIZATION (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Prime Factorization
- 2 Common Factors and Multiples
- 3 Squares and Cubes

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 2

NUMBER LINES AND NEGATIVE NUMBERS (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 The Number Line
- 2 Negative Numbers
- 3 Absolute Value

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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Performance Task

CHAPTER 3

FRACTIONS AND DECIMALS (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Dividing Fractions
- 2 Real-World Problems: Fractions
- 3 Adding and Subtracting Decimals Fluently
- 4 Multiplying Decimals Fluently
- 5 Dividing Decimals Fluently
- 6 Real-World Problems: Decimals

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Test

Performance Task

CHAPTER 4

RATIO (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Comparing Two Quantities
- 2 Equivalent Ratios
- 3 Real-World Problems: Ratios

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

STEAM Project Work

CHAPTER 5

RATES AND SPEED (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Rates and Unit Rates
- 2 Real-World Problems: Rates and Unit Rates
- 3 Distance and Speed
- 4 Average Speed
- 5 Real-World Problems: Speed and Average Speed

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

CHAPTER 6

PERCENT (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Understanding Percent
- 2 Fractions, Decimals, and Percents
- 3 Percent of a Quantity
- 4 Real-World Problems: Percent

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

CHAPTER 7

ALGEBRAIC EXPRESSIONS (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Using Letters to Represent Numbers
- 2 Evaluating Algebraic Expressions
- 3 Simplifying Algebraic Expressions
- 4 Expanding and Factoring Algebraic Expressions
- 5 Real-World Problems: Algebraic Expressions

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 8

EQUATIONS AND INEQUALITIES (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Solving Algebraic Equations
- 2 Writing Linear Equations
- 3 Real-World Problems: Equations
- 4 Solutions of Simple Inequalities
- 5 Real-World Problems: Inequalities

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 9

THE COORDINATE PLANE (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Points on a Coordinate Plane
- 2 Lengths of Line Segments
- 3 Real-World Problems: Graphing

Math Journal

Put on Your Thinking Cap!

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CHAPTER 10

AREAS OF POLYGONS (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Areas of Triangles
- 2 Areas of Parallelograms and Trapezoids
- 3 Areas of Other Polygons

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

CHAPTER 11

SURFACE AREAS AND VOLUMES OF SOLIDS

(Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Prisms and Pyramids
- 2 Surface Areas of Solids
- 3 Volumes of Rectangular Prisms
- 4 Real-World Problems: Surface Area and Volume

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

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CHAPTER 12

INTRODUCTION TO STATISTICS (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Collecting and Tabulating Data
- 2 Dot Plots
- 3 Histograms

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up



Course 2

CHAPTER 1

RATIONAL NUMBERS (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Representing Rational Numbers on a Number Line
- 2 Writing Rational Numbers as Decimals
- 3 Adding Integers
- 4 Subtracting Integers
- 5 Multiplying and Dividing Integers
- 6 Order of Operations with Integers
- 7 Operations with Fractions and Mixed Numbers
- 8 Operations with Decimals

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

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STEAM Project Work

CHAPTER 2

ALGEBRAIC EXPRESSIONS (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Adding Algebraic Terms
- 2 Subtracting Algebraic Terms
- 3 Simplifying Algebraic Expressions
- 4 Expanding Algebraic Expressions
- 5 Factoring Algebraic Expressions
- 6 Writing Algebraic Expressions
- 7 Real-World Problems: Algebraic Reasoning

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 3

ALGEBRAIC EQUATIONS AND INEQUALITIE

(Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Identifying Equivalent Equations
- 2 Solving Algebraic Equations
- 3 Real-World Problems: Algebraic Equations
- 4 Solving Algebraic Inequalities
- 5 Real-World Problems: Algebraic Inequalities

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 4

PROPORTION AND PERCENT OF CHANGE (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Identifying Direct Proportion
- 2 Representing Direct Proportion Graphically
- 3 Real-World Problems: Direct Proportion
- 4 Identifying Inverse Proportion
- 5 Percent Increase and Decrease
- 6 Real-World Problems: Percent Increase and Decrease

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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STEAM Project Work

CHAPTER 5

ANGLE PROPERTIES AND STRAIGHT LINES (Book B)

Chapter Opener

Recall Prior Knowledge

- Complementary, Supplementary, and Adjacent Angles
- 2 Angles That Share a Vertex
- 3 Alternate Interior, Alternate Exterior, and Corresponding Angles
- 4 Interior and Exterior Angles

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

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CHAPTER 6

GEOMETRIC CONSTRUCTION (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Constructing Triangles
- 2 Scale Drawing and Lengths
- 3 Calculate Lengths and Distances from Scale Drawings

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

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CHAPTER 7

CIRCUMFERENCE, AREA, VOLUME, AND SURFACE AREA (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Radius, Diameter, and Circumference of a Circle
- 2 Area of a Circle
- 3 Real-World Problems: Circles
- 4 Area of Composite Figures
- 5 Volume of Prisms
- 6 Real-World Problems: Surface Area and Volume

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 8

STATISTICS AND PROBABILITY (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Understanding Random Sampling Methods
- 2 Making Inferences About Populations
- 3 Defining Outcomes, Events, and Sample Space
- 4 Finding Probability of Events
- 5 Approximating Probability and Relative Frequency
- 6 Developing Probability Models

Math Journal

Put on Your Thinking Cap!

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CHAPTER 9

PROBABILITY OF COMPOUND EVENTS (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Compound Events
- 2 Probability of Compound Events
- 3 Independent Events
- 4 Dependent Events

Math Journal

Put on Your Thinking Cap!

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Course 2 Accelerated

CHAPTER 1

THE REAL NUMBER SYSTEM (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Representing Rational Numbers on a Number Line
- 2 Writing Rational Numbers as Decimals
- 3 Introducing Irrational Numbers
- 4 Introducing the Real Number System
- 5 Introducing Significant Digits
- 6 Adding Integers
- 7 Subtracting Integers
- 8 Multiplying and Dividing Integers
- 9 Order of Operations with Integers
- 10 Operations with Fractions and Mixed Numbers

11 Operations with Decimals

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

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STEAM Project Work

CHAPTER 2

ALGEBRAIC EXPRESSIONS (Book A)

Chapter Opener: Recall Prior Knowledge

- 1 Adding Algebraic Terms
- 2 Subtracting Algebraic Terms
- 3 Simplifying Algebraic Expressions
- 4 Expanding Algebraic Expressions
- 5 Factoring Algebraic Expressions
- 6 Writing Algebraic Expressions
- 7 Real-World Problems: Algebraic Reasoning

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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STEAM Project Work

CHAPTER 3

ALGEBRAIC EQUATIONS AND INEQUALITIES (Book A)

Chapter Opener: Recall Prior Knowledge

- 1 Identifying Equivalent Equations
- 2 Solving Algebraic Equations
- 3 Real-World Problems: Algebraic Equations
- 4 Solving Algebraic Inequalities
- 5 Real-World Problems: Algebraic Inequalities

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Test

Performance Task

CHAPTER 4

LINEAR EQUATIONS AND INEQUALITIES (Book A)

Chapter Opener: Recall Prior Knowledge

- 1 Solving Linear Equations with One Variable
- 2 Identifying the Number of Solutions to a Linear Equation
- 3 Understanding Linear Equations with Two Variables
- 4 Solving for a Variable in a Two-Variable Linear Equation
- 5 Solving Linear Inequalities with One Variable

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 5

LINES AND LINEAR EQUATIONS (Book A)

Chapter Opener: Recall Prior Knowledge

- 1 Finding and Interpreting Slopes of Lines
- 2 Understanding Slope-Intercept Form
- 3 Writing Linear Equations
- 4 Sketching Graphs of Linear Equations
- 5 Real-World Problems: Linear Equations

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 6

FUNCTIONS (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Understanding Relations and Functions
- 2 Representing Functions
- 3 Understanding Linear and Nonlinear Functions
- 4 Comparing Two Functions

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

STEAM Project Work

CHAPTER 7

EXPONENTS (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Exponential Notation
- 2 The Product and the Quotient of Powers
- 3 The Power of a Power
- 4 The Power of a Product and the Power of a Quotient
- 5 Zero and Negative Exponents
- 6 Real-World Problems: Squares and Cubes

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

STEAM Project Work

CHAPTER 8

SCIENTIFIC NOTATION (Book A)

Chapter Opener

Recall Prior Knowledge

- 1 Understanding Scientific Notation
- 2 Adding and Subtracting in Scientific Notation
- 3 Multiplying and Dividing in Scientific Notation

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

CHAPTER 9

PROPORTION AND PERCENT OF CHANGE

(Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Identifying Direct Proportion
- 2 Representing Direct Proportion Graphically
- 3 Real-World Problems: Direct Proportion
- 4 Identifying Inverse Proportion
- 5 Percent Increase and Decrease
- 6 Real-World Problems: Percent Increase and Decrease

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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STEAM Project Work

CHAPTER 10

ANGLE PROPERTIES AND STRAIGHT LINES

(Book B)

Chapter Opener

Recall Prior Knowledge

 Complementary, Supplementary, and Adjacent Angles

Course 2 Accelerated continued

- 2 Angles That Share a Vertex
- 3 Alternate Interior, Alternate Exterior, and Corresponding Angles
- 4 Interior and Exterior Angles

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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Performance Task

STEAM Project Work

CHAPTER 11

GEOMETRIC CONSTRUCTION (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Constructing Triangles
- 2 Scale Drawings and Lengths
- 3 Scale Drawings and Areas

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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Performance Task

CHAPTER 12

AREA, VOLUME, AND SURFACE AREA (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Radius, Diameter, and Circumference of a Circle
- 2 Area of a Circle
- 3 Real-World Problems: Circles
- 4 Areas of Composite Figures
- 5 Finding Volumes and Surface Areas of Prisms
- 6 Recognizing Cylinders, Cones, Spheres, and Pyramids
- 7 Finding Volumes and Surface Areas of Cylinders
- 8 Finding Volumes and Surface Areas of Pyramids and Cones
- 9 Finding Volumes and Surface Areas of Spheres
- 10 Real-World Problems: Composite Solids

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 13

GEOMETRIC TRANSFORMATIONS (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Translations
- 2 Reflections
- 3 Rotations
- 4 Dilations
- 5 Comparing Transformations

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

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CHAPTER 14

CONGRUENCE AND SIMILARITY (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Understanding and Applying Congruent Figures
- 2 Understanding and Applying Similar Figures
- 3 Relating Congruent and Similar Figures to Geometric Transformations

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

CHAPTER 15

STATISTICS AND PROBABILITY (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Understanding Random Sampling Methods
- 2 Making Inferences About Populations

- 3 Defining Outcomes, Events, and Sample Space
- 4 Finding Probability of Events
- 5 Approximating Probability and Relative Frequency
- 6 Developing Probability Models

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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STEAM Project Work

CHAPTER 16

PROBABILITY OF COMPOUND EVENTS (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Compound Events
- 2 Probability of Compound Events
- 3 Independent Events
- 4 Dependent Events

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Course 3

CHAPTER 1

THE REAL NUMBER SYSTEM (Book A)

Chapter Opener

Recall Prior Knowledge

1 Introducing Irrational Numbers

2 Introducing the Real Number System

3 Introducing Significant Digits

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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STEAM Project Work

CHAPTER 2

EXPONENTS (Book A)

Chapter Opener

Recall Prior Knowledge

1 Exponential Notation

2 The Product and the Quotient of Powers

3 The Power of a Power

4 The Power of a Product and the Power of a Quotient

5 Zero and Negative Exponents

6 Real-World Problems: Squares and Cubes

Math Journal

Put on Your Thinking Cap!

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STEAM Project Work

CHAPTER 3

SCIENTIFIC NOTATION (Book A)

Chapter Opener

Recall Prior Knowledge

1 Understanding Scientific Notation

2 Adding and Subtracting in Scientific Notation

3 Multiplying and Dividing in Scientific Notation

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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Performance Task

CHAPTER 4

LINEAR EQUATIONS AND INEQUALITIES (Book A)

Chapter Opener

Recall Prior Knowledge

1 Solving Linear Equations with One Variable

2 Identifying the Number of Solutions to a Linear Equation

3 Understanding Linear Equations with Two Variables

4 Solving for a Variable in a Two-Variable Linear Equation

5 Solving Linear Inequalities with One Variable

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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CHAPTER 5

LINES AND LINEAR EQUATIONS (Book A)

Chapter Opener

Recall Prior Knowledge

1 Finding and Interpreting Slopes of Lines

2 Understanding Slope-Intercept Form

3 Writing Linear Equations

4 Sketching Graphs of Linear Equations

5 Real-World Problems: Linear Equations

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

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CHAPTER 6

SYSTEMS OF LINEAR EQUATIONS (Book A)

Chapter Opener

Recall Prior Knowledge

1 Introduction to Systems of Linear Equations

2 Solving Systems of Linear Equations Using Algebraic Methods

3 Real-World Problems: Systems of Linear Equations

4 Solving Systems of Linear Equations by Graphing

5 Inconsistent and Dependent Systems of Linear Equations

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

CHAPTER 7

FUNCTIONS (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Understanding Relations and Functions
- 2 Representing Functions
- 3 Understanding Linear and Nonlinear Functions
- 4 Comparing Two Functions

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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STEAM Project Work

CHAPTER 8

THE PYTHAGOREAN THEOREM (Book B)

Chapter Opener

Recall Prior Knowledge

- Understanding the Pythagorean Theorem and Plane Figures
- 2 Understanding the Distance Formula
- 3 Understanding the Pythagorean Theorem and Solids

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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STEAM Project Work

CHAPTER 9

GEOMETRIC TRANSFORMATIONS (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Translations
- 2 Reflections
- 3 Rotations
- 4 Dilations
- **5 Comparing Transformations**

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

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STEAM Project Work

CHAPTER 10

CONGRUENCE AND SIMILARITY (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Understanding and Applying Congruent Figures
- 2 Understanding and Applying Similar Figures
- 3 Relating Congruent and Similar Figures to Geometric Transformations

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Performance Task

CHAPTER 11

VOLUME AND SURFACE AREA (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Recognizing Cylinders, Cones, Spheres, and Pyramids
- 2 Finding Volumes and Surface Areas of Cylinders
- 3 Finding Volumes and Surface Areas of Pyramids and Cones
- 4 Finding Volumes and Surface Areas of Spheres
- 5 Real-World Problems: Composite Solids

Math Journal

Put on Your Thinking Cap!

Chapter Wrap-Up

Chapter Review

Course 3

CHAPTER 12

STATISTICS (Book B)

Chapter Opener

Recall Prior Knowledge

- 1 Scatter Plots
- 2 Modeling Linear Associations
- 3 Two-Way Tables

Math Journal

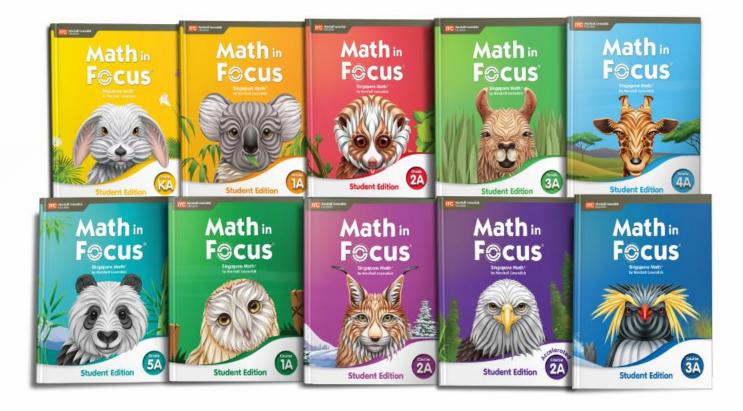
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