Math 1, 5th Edition • Lesson Plan Overview

Chapter 1: Numbers to 10

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| Pages | Objectives | Resources | Assessments |
| Lesson 1 Using Numbers Zero, One, Two & Three |
| Teacher Edition3–7Worktext2–4 | 1.1 Identify the numbers, dot patterns, and number words for 0–3.1.2 Write numbers 0–3.1.3 Make sets of objects to represent numbers 0–3.1.4 Identify tally marks 1–3. 1.5 Recall why people count. BWS Exploring (recall) | Visuals* Number Cards: 0–3
* Dot Pattern Cards: 0–3
* Shapes Kit: 1 circle

Student Manipulatives Packet* Shapes Kit: 3 circles
* Red Mat

BJU Press Trove\** Video: Ch 1 Intro
* PowerPointⓇ presentation
 | Reviews* Pages 1–2
 |
| Lesson 2 Using Numbers Four, Five & the Ordinal Numbers |
| Teacher Edition8–11Worktext5–6 | 2.1 Identify the numbers, dot patterns, and number words for 4–5.2.2 Write numbers 4–5.2.3 Make sets of objects to represent numbers 4–5.2.4 Compare sets of up to 5 objects by using representations.2.5 Sequence numbers 0–5 forward and backward.2.6 Identify ordinal positions first to fifth.2.7 Locate ordinal positions first to fifth. | Visuals* Number Cards: 0–5
* Dot Pattern Cards: 0–5
* Shapes Kit: 1 rectangle

Student Manipulatives Packet* Number Cards: 0–5
* Shapes Kit: 9 rectangles
* Red Mat

BJU Press Trove* PowerPointⓇ presentation
 | Reviews* Pages 3–4
 |
| Lesson 3 Using Numbers Six, Seven, Eight & Nine |
| Teacher Edition12–15Worktext7–8 | 3.1 Identify tally marks 1–5.3.2 Identify the numbers, dot patterns, and number words for 6–9.3.3 Make sets of up to 9 objects.3.4 Compare sets of up to 9 objects by using representations.3.5 Write numbers 6–9. | Visuals* Number Cards 0–9
* Dot Pattern Cards: 0–9
* Shapes Kit: 10 squares, 10 circles

Student Manipulatives Packet* Number Cards: 0–9
* Red Mat

BJU Press Trove* Web Link: Virtual Manipulatives: UnifixⓇ Cubes
* PowerPointⓇ presentation
 | Reviews* Pages 5–6
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources | Assessments |
| Lesson 4 Using Ten & Even Numbers |
| Teacher Edition16–19Worktext9–10 | 4.1 Identify the number, dot pattern, and number word for 10.4.2 Make sets of 10 objects to determine names for 10.4.3 Identify even and odd numbers up to 10.4.4 Write numbers 0–10 in order.4.5 Explain how God made people to count.  BWS Exploring (explain) | Visuals* Number Cards: 0–10
* Dot Pattern Cards: 10
* Shapes Kit: 1 red triangle, 1 blue triangle, 1 blue square, 1 green rectangle, 1 yellow circle
* Counters: 10 ducks

Student Manipulatives Packet* Counters: 10 ducks
* Red Mat

BJU Press Trove* Web Link: Connect the Dots 1–10
* PowerPointⓇ presentation
 | Reviews* Pages 7–8
 |
| Lesson 5 Chapter 1 Review |
| Teacher Edition20–23Worktext11–12 | 5.1 Recall concepts and terms from Chapter 1. | Visuals* Number Cards: 0–20
* Dot Pattern Cards: 0–10
* Shapes Kit: 1 blue triangle, 1 green square, 1 red rectangle, 1 yellow circle, 1 blue circle

Student Manipulatives Packet* Number Cards: 0–10
* Money Kit: 20 pennies
* Red Mat

BJU Press Trove* PowerPointⓇ presentation
 | Worktext* Chapter 1 Review

Reviews* Pages 9–10
 |
| Lesson 6 Test, Cumulative Review |
| Teacher Edition24–26Worktext13 | 6.1 Demonstrate knowledge of concepts from Chapter 1 by taking the test. |  | Assessments* Chapter 1 Test

Worktext* Cumulative Review

Reviews* Pages 11–12
 |

Chapter 2: Numbers to 20

| Pages | Objectives | Resources | Assessments |
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| Lesson 7 Using Eleven & Twelve |
| Teacher Edition29–33Worktext14–16 | 7.1 Identify the numbers and number words for 11–12.7.2 Write numbers 11–12.7.3 Match numbers 11 and 12 to sets of objects.7.4 Identify 12 objects as 1 dozen.7.5 Make sets of 11 and 12 objects.7.6 Recall how sets help people work. BWS Work (recall) | Visuals * Number Cards: 1–5, 11–12
* Visual 15: Clock

Student Manipulatives Packet* Counters: 12 ducks
* Shapes Kit: 12 yellow circles

BJU Press Trove\** Video: Ch 2 Intro
* PowerPointⓇ presentation
 | Reviews* Pages 13–14
 |
| Lesson 8 Using Thirteen, Fourteen; Ordinal Numbers |
| Teacher Edition34–37Worktext17–18 | 8.1 Identify the numbers and number words for 13–14.8.2 Write numbers 13–14.8.3 Make sets of 13 and 14 objects.8.4 Identify ordinal positions first to tenth.8.5 Locate ordinal positions first to tenth. | Visuals * Number Cards: 0–14
* Dot Pattern Cards: 0–10
* DQ Puppet

Student Manipulatives Packet* Ten Bar Mat

BJU Press Trove* PowerPointⓇ presentation
 | Reviews* Pages 15–16
 |
| Lesson 9 Using Fifteen, Sixteen; Pictograph |
| Teacher Edition38–41Worktext19–20 | 9.1 Identify the numbers and number words for 15–16.9.2 Write numbers 15–16.9.3 Match objects by one-to-one correspondence.9.4 Compare numbers in different sets.9.5 Interpret a pictograph. | Visuals* Visual 1: Hundred Chart
* Visual 22: Pictograph
* Dot Pattern Cards: 0–10
* Number Cards: 15–16
* DQ Puppet
* Counters: 14 ducks

Student Manipulatives Packet* Counters: 16 ducks for each pair of students

BJU Press Trove* Web Link: Virtual Manipulatives: Number Chart
* PowerPointⓇ presentation
 | Reviews* Pages 17–18
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 10 Using Seventeen, Eighteen; Bar Graph |
| Teacher Edition42–45Worktext21–22 | 10.1 Identify the numbers and number words for 17–18.10.2 Write numbers 17–18.10.3 Make sets of 17 and 18 objects.10.4 Identify numbers before and after a given number.10.5 Interpret a bar graph.10.6 Explain how bar graphs help people work. BWS Work (explain) | Teacher Edition* Instructional Aid 1: Bar Graph

Visuals * Visual 1: Hundred Chart
* Visual 23: Bar Graph
* Number Cards: 17–18
* Shapes Kit: 30 shapes (an assortment of circles, rectangles, and triangles)

Student Manipulatives Packet* Ten Bar Mat

BJU Press Trove* Web Link: Connect the Dots 1–20
* Web Link: Comparing Number Values
* PowerPointⓇ presentation
 | Reviews* Pages 19–20
 |
| Lesson 11 Using Nineteen, Twenty; Even & Odd Numbers |
| Teacher Edition46–49Worktext23–24 | 11.1 Identify the numbers and number words for 19–20.11.2 Write numbers 19–20.11.3 Sequence numbers 1–20.11.4 Make sets of 1–10 objects.11.5 Compare sets of 1–10 objects.11.6 Make sets of 19–20 objects.11.7 Identify even and odd numbers 11–20. | Visuals * Number Cards: 1–20
* Money Kit: 30 pennies, 3 dimes

Student Manipulatives Packet* Red Mat

BJU Press Trove* Web Link: Numerical Order
* PowerPointⓇ presentation
 | Reviews* Pages 21–22
 |
| Lesson 12 Chapter 2 Review |
| Teacher Edition50–53Worktext25–26 | 12.1 Recall concepts and terms from Chapter 2. | Visuals * Visual 1: Hundred Chart
* Number Cards: 1–20
* DQ Puppet
* Counters: 20 ducks

BJU Press Trove* PowerPointⓇ presentation
 | Worktext* Chapter 2 Review

Reviews* Pages 23–24
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| Pages | Objectives | Resources | Assessments |
| Lesson 13 Test, Cumulative Review |
| Teacher Edition54–56Worktext27 | 13.1 Demonstrate knowledge of concepts from Chapter 2 by taking the test.  |  | Assessments* Chapter 2 Test

Worktext* Cumulative Review

Reviews* Pages 25–26
 |

Chapter 3: Addition Facts to 6

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 14 Complete Addition Sentences |
| Teacher Edition59–63Worktext28–30 | 14.1 Identify plus and equals signs.14.2 Model addition word problems by joining sets.14.3 Apply the Zero Principle of Addition to add.14.4 Write an addition sentence for a word problem.14.5 Recall that adding helps people care for others. BWS Caring (recall) | Visuals* Visual 1: Hundred Chart
* Counters: 6 white ducks, 6 brown ducks

Student Manipulatives Packet* Counters: 6 white ducks, 6 brown ducks
* Red Mat

BJU Press Trove\** Video: Ch 3 Intro
* PowerPointⓇ presentation
 | Reviews* Pages 27–28
 |
| Lesson 15 Write Addition Sentences |
| Teacher Edition64–67Worktext31–32 | 15.1 Write an addition sentence for sets of objects.15.2 Model addition word problems by joining sets.15.3 Compose a word problem by using objects. | BJU Press Trove* PowerPointⓇ presentation
 | Reviews* Pages 29–30
 |
| Lesson 16 Draw Pictures to Add |
| Teacher Edition68–71Worktext33–34 | 16.1 Write an addition sentence for a word problem.16.2 Compose a word problem by using pictures.16.3 Solve a word problem by drawing pictures. | Visuals* Visual 1: Hundred Chart
* Dot Pattern Cards: 2–10
* Number Cards: 0–6
* Counters: 6 cars

Student Manipulatives Packet* Number Cards: 0–6
* Sign Cards: plus sign, equals sign

BJU Press Trove* PowerPointⓇ presentation
 | Reviews* Pages 31–32
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 17 Addition |
| Teacher Edition72–75Worktext35–36 | 17.1 Complete an addition problem in vertical form.17.2 Add by using dot patterns 1–6. | Visuals* Counters: 6 ducks
* Money Kit: 6 pennies

Student Manipulatives Packet* Money Kit: 6 pennies

BJU Press Trove* PowerPointⓇ presentation
 | Reviews* Pages 33–34
 |
| Lesson 18 Addition Names for 4, 5 & 6 |
| Teacher Edition76–79Worktext37–38 | 18.1 Apply the Order Principle of Addition to add.18.2 Join sets to add 4, 5, and 6. | Visuals* Visual 1: Hundred Chart
* Number Cards: 0–6
* Sign Cards: plus sign, equals sign
* Shapes: 6 yellow circles, 6 blue circles, 3 red squares, 1 red triangle

Student Manipulatives Packet* Ten Bar Mat

BJU Press Trove* Video: Add 4, 5, 6
* PowerPointⓇ presentation
 | Reviews* Pages 35–36
 |
| Lesson 19 Order of Addends |
| Teacher Edition80–83Worktext39–40 | 19.1 Apply the Order Principle of Addition to add.19.2 Solve addition problems by using strategies.19.3 Represent a word problem.19.4 Explain how addition helps people care for others.  BWS Caring (explain) | Visuals* Number Cards: 0–20
* Sign Cards: plus sign, equals sign
* Shapes: 6 yellow triangles, 6 blue triangles

BJU Press Trove* PowerPointⓇ presentation
 | Reviews* Pages 37–38
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 20 Chapter 3 Review |
| Teacher Edition84–87Worktext41–42 | 20.1 Recall concepts and terms from Chapter 3. | Visuals* Visual 1: Hundred Chart
* Counters: 6 white ducks, 6 brown ducks

Student Manipulatives Packet* Red Mat
* Counters: 6 white ducks, 6 brown ducks

BJU Press Trove* PowerPointⓇ presentation
 | Worktext* Chapter 3 Review

Reviews* Pages 39–40
 |
| Lesson 21 Test, Cumulative Review |
| Teacher Edition88–90Worktext43 | 21.1 Demonstrate knowledge of concepts from Chapter 3 by taking the test. |  | Assessments* Chapter 3 Test

Worktext* Cumulative Review

Reviews* Pages 41–42
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| Chapter 4: Place Value: Two-Digit Numbers |
| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 22 Tens & Ones in Numbers to 50 |
| Teacher Edition95–99Worktext44–46 | 22.1 Count 1–50. 22.2 Identify numbers 1–50 and numbers that come **before** and **after**.22.3 Count decade numbers to 100.22.4 Make sets of up to 50 objects by using a Hundred Chart.22.5 **Count on** by ones from a decade number.22.6 Represent a set of tens and ones by using Number Cards.22.7 Recall that counting helps people explore God’s world. BWS Exploring (recall) | Teacher Edition* Instructional Aid 2: Hundred Chart

Visuals* Visual 1: Hundred Chart
* Visuals 2–11: Ten to One Hundred
* Shapes Kit: 4 yellow circles

Student Manipulatives Packet* Number Cards: 0–9

BJU Press Trove\** Video: Ch 4 Intro
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 43–44
 |
| Lesson 23 Expanded Form; Even & Odd |
| Teacher Edition100–103Worktext47–48 | 23.1 Represent a set of tens and ones by using Number Cards.23.2 Read the expanded form of a number.23.3 Make sets of up to 50 objects by using UNIFIXⓇ Cubes.23.4 Identify even and odd numbers up to 50. | Visuals* Visuals 2–11: Ten to One Hundred
* DQ Puppet

Student Manipulatives Packet* Number Cards: 0–9
* Tens/Ones Mat

BJU Press Trove* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 45–46
 |
| Lesson 24 Greater Than & Less Than |
| Teacher Edition104–7Worktext49–50 | 24.1 Represent a set of tens and ones by using Number Cards.24.2 Write the expanded form of a number.24.3 Identify the greater of 2 numbers up to 50.24.4 Identify the lesser of 2 numbers up to 50. | Visuals* Visual 1: Hundred Chart
* Place Value Kit: Tens, Ones
* Sign Cards: Greater than, Less than

Student Manipulatives Packet* Number Cards: 0–9

BJU Press Trove* Video: Greater and Lesser
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 47–48
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 25 Tens & Ones in Numbers to 100 |
| Teacher Edition108–11Worktext51–52 | 25.1 Write numbers 1–100.25.2 Make sets of up to 100 objects by using dimes and pennies.25.3 Represent a set of dimes and pennies by using Number Cards.25.4 Write the expanded form of a number. | Teacher Edition* Instructional Aid 2: Hundred Chart

Visuals* Visual 1: Hundred Chart
* Money Kit: 9 dimes, 12 pennies

Student Manipulatives Packet* Number Cards: 0–9
* Money Kit: 9 dimes, 25 pennies

BJU Press Trove* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 49–50
 |
| Lesson 26 Greater Than & Less Than with Numbers to 100 |
| Teacher Edition112–15Worktext53–54 | 26.1 Make sets of up to 100 objects by using dimes and pennies.26.2 Identify even and odd numbers up to 100.26.3 Interpret a pictograph to compare numbers.26.4 Compare numbers by using the greater-than and less-than signs. | Teacher Edition* Instructional Aid 3: Pictograph

Visuals* Money Kit: 9 dimes, 9 pennies
* Sign Cards: Greater than, Less than

Student Manipulatives Packet* Number Cards: 0–6
* Tens/Ones Mat
* Money Kit: 9 dimes, 9 pennies

BJU Press Trove* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | ReviewsPages 51–52 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 27 Counting by 1s, 5s & 10s  |
| Teacher Edition116–19Worktext55–56 | 27.1 Count by 1s, 5s, and 10s to 100.27.2 Skip count on a number line.27.3 Complete a number pattern.27.4 Explain how counting by 1s, 5s, or 10s helps people explore God’s world. BWS Exploring (explain) | Teacher Edition* Instructional Aid 4: Number Patterns

Visuals* Visual 1: Hundred Chart
* Money Kit: 10 dimes, 10 nickels
* Shapes Kit: 4 red circles, 5 yellow circles
* Number Line

Student Manipulatives Packet* Number Cards: 0–9
* DQ Puppet
* Number Line

BJU Press Trove* Video: Skip Counting
* Web Link: Virtual Manipulatives: Number Line
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 53–54
 |
| Lessons 28–29 Introducing Hundreds  |
| Teacher Edition120–23Worktext57–58 | 28–29.1 Count numbers 101–110.28–29.2 Rename 10 ones as 1 ten.28–29.3 Represent numbers 100–130 by using manipulatives. | Visuals* Place Value Kit: Hundreds, Tens, Ones

Student Manipulatives Packet* Place Value Kit: Hundreds, Tens, Ones
* Hundreds/Tens/Ones Mat

BJU Press Trove* Video: Hundreds
* PowerPointⓇ presentation
 | Reviews* Pages 55–56
 |
| Lesson 30 Representing Hundreds |
| Teacher Edition124–27Worktext57–58 | 30.1 Count by 100s to 1,000.30.2 Represent 3-digit numbers by using manipulatives. | Visuals* Place Value Kit: Hundreds, Tens, Ones

Student Manipulatives Packet* Place Value Kit: Hundreds, Tens, Ones
* Hundreds/Tens/Ones Mat

BJU Press Trove* PowerPointⓇ presentation
 | Reviews* Pages 57–58
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 31 Chapter 4 Review |
| Teacher Edition128–31Worktext61–62 | 31.1 Recall concepts and terms from Chapter 4. | Teacher Edition* Instructional Aid 4: Number Patterns

Visuals* Visual 1: Hundred Chart
* Visuals 2–11: Ten to One Hundred
* Sign Cards: Greater than, Less than

Student Manipulatives Packet* Number Cards: 0–9

BJU Press Trove* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Worktext* Chapter 4 Review

Reviews* Pages 59–60
 |
| Lesson 32 Coding: Following Steps |
| Teacher Edition132–35Worktext63–64 | 32.1 Identify coding terms.32.2 Compose an algorithm.32.3 Write a program.32.4 Debug a program.32.5 Follow the Engineering Design Process to solve a problem.32.6 Explain why a person can solve a problem by thinking like an engineer. BWS Exploring (explain) | Teacher Edition* Instructional Aid 5: STEM Engineering Design Process
* Instructional Aid 6: DQ’s Library Books

Visuals* DQ Puppet
* Counters: 6 duck tracks

Student Manipulatives Packet* Counters: 6 duck tracks

BJU Press Trove* PowerPointⓇ presentation
 | Teacher Edition* Instructional Aid 7: Coding Rubric: Following Steps
 |
| Lesson 33 Test, Cumulative Review |
| Teacher Edition136–38Worktext65 | 33.1 Demonstrate knowledge of concepts from Chapter 4 by taking the test. |  | Assessments* Chapter 4 Test

Worktext* Cumulative Review

Reviews* Pages 61–62
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| Chapter 5: Subtraction Facts to 6 |
| Pages | Objectives | Resources | Assessments |
| Lesson 34 Beginning Subtraction |
| Teacher Edition143–47Worktext66–68 | 34.1 Write a subtraction sentence for a word problem.34.2 Identify the minus and equals signs.34.3 Write a subtraction sentence for a set of objects.34.4 Model subtraction by separating a set of manipulatives.34.5 Explain how subtraction of sets of objects helps people do work. BWS Working (explain) | Visuals* Number Cards: 0–6
* Sign Cards: minus sign, equals sign
* Counters: 6 candies

Student Manipulatives Packet* Counters: 6 candies
* Red Mat

BJU Press Trove\** Video: Ch 5 Intro
* Games/Enrichment: Fact Reviews: (Addition Facts to 6)
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 63–64
 |
| Lesson 35 Subtraction Sentences |
| Teacher Edition148–51Worktext69–70 | 35.1 Model subtraction by separating a set of manipulatives.35.2 Compose a subtraction word problem.35.3 Write a subtraction sentence for a set of objects.35.4 Subtract by applying the Zero Principle of Subtraction. | Visuals* Visual 1: Hundred Chart
* DQ puppet
* Counters: 6 ducks
* Money Kit: 7 pennies

Student Manipulatives Packet* Counters: 6 ducks
* Duck Pond Mat

BJU Press Trove* Games/Enrichment: Fact Reviews (Addition Facts to 6)
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 65–66
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources | Assessments |
| Lesson 36 Cross Out to Subtract |
| Teacher Edition152–55Worktext71–72 | 36.1 Write a subtraction sentence for a set of objects.36.2 Write a subtraction sentence for a word problem.36.3 Solve a word problem by drawing pictures. | Visuals* Money Kit: 6 pennies

Student Manipulatives Packet* Number Cards: 0–9
* Sign Cards: minus sign, equals sign

BJU Press Trove* Games/Enrichment: Fact Reviews (Addition Facts to 6)
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 67–68
 |
| Lesson 37 Vertical Subtraction |
| Teacher Edition156–59Worktext73–74 | 37.1 Complete a subtraction problem in vertical form.37.2 Subtract by using dot patterns 1–6. | Visuals* Shape Kit: 6 yellow circles

Student Manipulatives Packet* Shape Kit: 6 circles
* Red Mat

BJU Press Trove* Web Link: Virtual Manipulatives: UNIFIXⓇ Cubes
* Games/Enrichment: Fact Reviews (Addition Facts to 6)
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 69–70
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 38 Related Subtraction Facts |
| Teacher Edition160–63Worktext75–76 | 38.1 Model subtraction by separating UNIFIXⓇ Cubes.38.2 Relate various subtraction facts.38.3 Write a subtraction sentence for a word problem. | Visuals* Visual 1: Hundred Chart
* Shapes Kit: 6 red squares, 6 blue squares, 6 red triangles

Student Manipulatives Packet* Red Mat
* Number Cards: 0–6
* Dot Pattern Cards: 0–6
* Sign Cards: minus sign, equals sign

BJU Press Trove* Video: Subtraction Sentences
* Games/Enrichment: Fact Reviews (Addition Facts to 6)
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 71–72
 |
| Lesson 39 Number Names |
| Teacher Edition164–67Worktext77–78 | 39.1 Solve subtraction problems by using strategies.39.2 Separate a set to model names for 0 and 3.39.3 Solve a word problem by drawing pictures.39.4 Write a subtraction sentence for a word problem.39.5 Explain how subtraction helps people work. BWS Working (explain) | Teacher Edition* Instructional Aid 8: Names for 0 & 3

Student Manipulatives Packet* Counters: 6 ducks

BJU Press Trove* Games/Enrichment: Fact Reviews (Addition Facts to 6)
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 73–74
 |
| Lesson 40 Chapter 5 Review |
| Teacher Edition168–71Worktext79–80 | 40.1 Recall concepts and terms from Chapter 5. | Visuals* Counters: 6 candies

Student Manipulatives Packet* Counters: 6 candies
* Red Mat

BJU Press Trove* Games/Enrichment: Fact Reviews (Addition Facts to 6)
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Worktext* Chapter 5 Review

Reviews* Pages 75–76
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 41 Test, Cumulative Review |
| Teacher Edition172–74Worktext81 | 41.1 Demonstrate knowledge of concepts from Chapter 5 by taking the test. |  | Assessments* Chapter 5 Test

Worktext* Cumulative Review

Reviews* Pages 77–78
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| Chapter 6: Counting Coins |
| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 42 Penny, Nickel, Dime |
| Teacher Edition179–83Worktext82–84 | 42.1 Identify pennies, nickels, dimes, and quarters.42.2 Identify the value of a penny, a nickel, and a dime.42.3 Recall how identifying pennies, nickels, and dimes helps others. BWS Caring (Recall) | Visuals* Visual 14: Money
* Money Kit: 16 pennies, 1 nickel, 1 dime
* Place Value Kit: 1 hundred, 10 tens, 10 ones

Student Manipulatives Packet* Money Kit: 16 pennies, 1 nickel, 1 dime
* Red Mat
* Number Cards: 0–6

BJU Press Trove\** Video: Ch 6 Intro
* Web Link: Learning Coins
* Games/Enrichment: Fact Reviews (Addition Facts to 6)
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 79–80
 |
| Lesson 43 Count with Coins |
| Teacher Edition184–87Worktext85–86 | 43.1 Identify the value of a penny, a nickel, and a dime.43.2 Count by 1s to determine the value of a set of pennies.43.3 Count by 5s to determine the value of a set of nickels.43.4 Count by 10s to determine the value of a set of dimes.43.5 Determine whether there is enough money to purchase an item. | Visuals* Visual 1: Hundred Chart
* Money Kit: 10 pennies, 10 nickels, 10 dimes

Student Manipulatives Packet* Number Cards: 0–6
* Red Mat
* Money Kit: 10 pennies, 10 nickels, 10 dimes

BJU Press Trove* Video: Count Coins
* Games/Enrichment: Fact Reviews (Addition Facts to 6)
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 81–82
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 44 Counting Dimes & Pennies |
| Teacher Edition188–91Worktext87–88 | 44.1 Identify the value of a penny, a nickel, and a dime.44.2 Determine the value of a set of dimes and pennies.44.3 Determine whether there is enough money to purchase an item.44.4 Identify the number of tens and ones by using dimes and pennies. | Teacher Edition* Instructional Aid 9: Price Tags

Visuals* Visual 1: Hundred Chart
* Money Kit: 10 pennies, 10 dimes

Student Manipulatives Packet* Number Cards 0–6
* Red Mat
* Money Kit: 10 dimes, 10 pennies

BJU Press Trove* Video: Dimes and Pennies
* Games/Enrichment: Fact Reviews (Addition Facts to 6)
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 83–84
 |
| Lesson 45 Probability; Counting Nickels & Pennies |
| Teacher Edition192–95Worktext89–90 | 45.1 Determine the value of a set of nickels and pennies.45.2 Determine whether there is enough money to purchase a gift.45.3 Predict the probability of choosing a nickel or a penny.45.4 Tally the results of a probability activity.45.5 Explain how you care for others by counting coins. BWS Caring (Explain) | Visuals* Visual 1: Hundred Chart
* Money Kit: 10 pennies, 10 nickels

Student Manipulatives Packet* Number Cards: 0–6
* Red Mat
* Money Kit: 10 pennies, 10 nickels

BJU Press Trove* Video: Probability
* Games/Enrichment: Fact Reviews (Addition Facts to 6)
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 85–86
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 46 Chapter 6 Review |
| Teacher Edition196–99Worktext91–92 | 46.1 Recall concepts and terms from Chapter 6. | Visuals* Visual 1: Hundred Chart
* Visual 14: Money
* Money Kit: 10 pennies, 10 nickels, 10 dimes

Student Manipulatives Packet* Number Cards: 0–6
* Red Mat
* Money Kit: 10 pennies, 10 nickels, 10 dimes

BJU Press Trove* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Worktext* Chapter 6 Review

Reviews* Pages 87–88
 |
| Lesson 47 Test, Cumulative Review |
| Teacher Edition200–202Worktext93 | 47.1 Demonstrate knowledge of concepts from Chapter 6 by taking the test. |  | Assessments* Chapter 6 Test

Worktext* Cumulative Review

Reviews* Pages 89–90
 |

Chapter 7: Addition Facts To 12

|  |  |  |  |
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 48 Count on 1 or 2 |
| Teacher Edition207–11Worktext94–96 | 48.1 Identify the addends and sum in an addition equation.48.2 Complete an addition equation.48.3 Add 1 or 2 by using a counting strategy. | Visuals* Number Line

Student Manipulatives Packet* Number Cards: 0–6
* Red Mat
* Number Line
* DQ Puppet

BJU Press Trove\** Video: Ch 7 Intro
* Web Link: Addition with Manipulatives
* Games/Enrichment: Fact Fun Activities
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 91–92
 |
| Lesson 49 Zero & Order Principles |
| Teacher Edition212–15Worktext97–98 | 49.1 Add by applying the Zero Principle of Addition.49.2 Add by applying the Order Principle of Addition.49.3 Add 1 or 2 by using a counting strategy.49.4 Solve an addition equation.49.5 Explain how the principles of addition help people explore God’s world.  BWS Exploring (Explain) | Visuals* Visual 1: Hundred Chart
* Number Line
* Money Kit: 5 dimes, 5 pennies
* Counters: 12 candies

Student Manipulatives Packet* Number Line
* Number Cards: 0–12
* Sign Cards: plus sign, equals sign

BJU Press Trove* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 93–94
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 50 Add on Number Line; Double Facts |
| Teacher Edition216–19Worktext99–100 | 50.1 Add by using a number line.50.2 Write an addition equation by using a number line.50.3 Model the Zero Principle on a number line.50.4 Solve a word problem by using an addition equation.50.5 Solve addition facts with doubles. | Visuals* Number Line
* DQ Puppet

Student Manipulatives Packet* Number Line
* DQ Puppet
* Number Cards: 0–6

BJU Press Trove* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 95–96
 |
| Lesson 51 Add with 3 Addends |
| Teacher Edition220–23Worktext101–2 | 51.1 Write a 3-addend equation for a word problem.51.2 Solve a word problem by using a 3-addend equation.51.3 Add by applying the Grouping Principle of Addition.51.4 Solve horizontal and vertical 3-addend problems. | Visuals* Counters: 10 cars, 12 ducks

Student Manipulatives Packet* Number Cards: 0–6

BJU Press Trove* Video: 3 Addends
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 97–98
 |
| Lesson 52 Add with 5 |
| Teacher Edition224–27Worktext103–4 | 52.1 Add with 5 by using UnifixⓇ Cubes.52.2 Choose the correct equation for a word problem.52.3 Compose an addition word problem. | Visuals* Visual 1: Hundred Chart

Student Manipulatives Packet* Number Cards: 0–11

BJU Press Trove* Web Link: Virtual Manipulatives: Number Frames
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 99–100
 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 53 Names for 10 |
| Teacher Edition228–31Worktext105–6 | 53.1 Write addition equations for names of 10.53.2 Solve an addition equation by using a number line.53.3 Add by applying the Order Principle of Addition.53.4 Compose an addition word problem.53.5 Solve an addition word problem.53.6 Use the Order Principle of ­Addition to explore God’s world.  BWS Exploring (Apply) | Visuals* DQ Puppet
* Number Line

Student Manipulatives Packet* Ten Bar Mat
* Number Cards: 0–6

BJU Press Trove* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 101–2
 |
| Lesson 54 Chapter 7 Review |
| Teacher Edition232–35Worktext107–8 | 54.1 Recall concepts and terms from Chapter 7. | Visuals* Number Line

Student Manipulatives Packet* Number Cards: 0–6
* Number Line
* DQ Puppet

BJU Press Trove* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Worktext* Chapter 7 Review

Reviews* Pages 103–4
 |
| Lesson 55 Test, Cumulative Review |
| Teacher Edition236–38Worktext109 | 55.1 Demonstrate knowledge of concepts from Chapter 7 by taking the test. |  | Assessments* Chapter 7 Test

Worktext* Cumulative Review

Reviews* Pages 105–6
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| Chapter 8: Time & Calendar |
| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 56 Telling Time |
| Teacher Edition243–47Worktext110–12 | 56.1 Sequence events.56.2 Distinguish the parts of an analog clock.56.3 List activities that take about 1 hour and that take about 1 minute.56.4 Tell time to the hour.56.5 Demonstrate time to the hour on a clock.56.6 Write time to the hour by using **o’clock**.56.7 Recall that telling time helps people plan their work. BWS Working (recall) | Visuals* Visual 1: Hundred Chart
* DQ Puppet

Student Manipulatives Packet* DQ Puppet
* Number Cards: 0–10
* DQ Clock

BJU Press Trove\** Video: Ch 8 Intro
* Web Link: Virtual Manipulatives: Analog Clock
* Web Link: Learn to Tell Time
* Games/Enrichment: Fact Reviews (Subtraction Facts to 6)
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 107–8
 |
| Lesson 57 Using Clocks to Write Time |
| Teacher Edition248–51Worktext113–14 | 57.1 Determine whether an activity takes more than or less than 1 hour.57.2 Demonstrate time to the hour.57.3 Tell time from a digital clock.57.4 Write time to the hour in digital form.57.5 Match an analog clock to the correct digital time. | Visuals* Place Value Kit: 1 hundred, 3 tens, 11 ones

Student Manipulatives Packet* Number Cards: 0–10
* DQ Clock

BJU Press Trove* Web Link: Virtual Manipulatives: Analog Clock
* Games/Enrichment: Fact Reviews (Subtraction Facts to 6)
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 109–10
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 58 Using a Schedule  |
| Teacher Edition252–55Worktext115–16 | 58.1 Demonstrate time to the hour.58.2 Read a table to use a schedule.58.3 Determine the elapsed time.58.4 Explain how using a schedule helps people plan work. BWS Working (explain) | Teacher Edition* Instructional Aid 10: Farm Schedule

Student Manipulatives Packet* Number Cards: 0–10
* DQ Clock
* Sign Cards: Plus, Equals

BJU Press Trove* Video: Elapsed Time
* Web Link: Virtual Manipulatives: Analog Clock
* Games/Enrichment: Fact Reviews (Subtraction Facts to 6)
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 111–12
 |
| Lessons 59–60 Time to the Half-Hour |
| Teacher Edition256–59Worktext117–18 | 59–60.1 Tell time to the hour and the half-hour.59–60.2 Count by 5s to 60.59–60.3 Write time to the hour and the half-hour. | Student Manipulatives Packet* Number Cards: 0–11
* Sign Cards: Minus, Equals

BJU Press Trove* Web Link: Virtual Manipulatives: Analog Clock
* Games/Enrichment: Fact Reviews (Subtraction Facts to 6)
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 113–14
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| Pages | Objectives | Resources & Materials | Assessments |
| Lessons 61–62 Time to the Hour & Half-Hour |
| Teacher Edition260–63Worktext119–20 | 61–62.1 Write an addition equation for a word problem.61–62.2 Tell time to the hour and the half-hour.61–62.3 Write time to the hour and the half-hour.61–62.4 Read a table to determine the elapsed time. | Teacher Edition* Instructional Aid 11: Scrubbing Schedule

Visuals* Visual 1: Hundred Chart
* Shapes Kit: 6 circles

Student Manipulatives Packet* DQ Clock
* Number Cards: 0–11
* Sign Cards: Plus, Equals

BJU Press Trove* Video: Time
* Video: Schedule and Table
* Web Link: Virtual Manipulatives: Analog Clock
* Games/Enrichment: Fact Reviews (Subtraction Facts to 6)
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 115–16
 |
| Lesson 63 Using Calendars |
| Teacher Edition264–67Worktext121–22 | 63.1 Identify the parts of a calendar.63.2 Name the days of the week and the months of the year in order.63.3 Identify the position of each day of the week on a calendar.63.4 Identify one week as seven days and one year as twelve months.63.5 Identify the day of the week for **yesterday**, **today**, and **tomorrow**. | Teacher Edition* Song: “God Made Seven Days in a Week”
* Song: “There Are Twelve Months”
* Instructional Aid 12: Days of the Week Cards
* Instructional Aid 13: Months of the Year Cards

Visuals* Visual 16: 12-Month Calendar
* Place Value Kit: 9 tens, 9 ones

Student Manipulatives Packet* Number Cards: 0–12

BJU Press Trove* Video: Calendars
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 117–18
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 64 Chapter 8 Review |
| Teacher Edition268–71Worktext123–24 | 64.1 Recall concepts and terms from Chapter 8. | Teacher Edition* Instructional Aid 11: Scrubbing Schedule
* Instructional Aid 12: Days of the Week Cards
* Instructional Aid 13: Months of the Year Cards

Visuals* Visual 16: 12-Month Calendar
* Number Cards: 0–6
* Sign Cards: Plus, Minus, Equals

Student Manipulatives Packet* DQ Clock
* Number Cards: 0–12
* Sign Cards: Plus, Minus, Equals

BJU Press Trove* Web Link: Virtual Manipulatives: Analog Clock
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Worktext* Chapter 8 Review

Reviews* Pages 119–20
 |
| Lesson 65 Coding: Working Better  |
| Teacher Edition272–75Worktext125–26 | 65.1 Follow the Engineering Design Process to solve a problem.65.2 Write a program.65.3 Combine repeating steps into a single loop.65.4 Write a program with loops.65.5 Debug a program.65.6 Explain how loops help people do their work better. BWS Working (explain) | Teacher Edition* Instructional Aid 5: STEM Engineering Design Process
* Instructional Aid 14: Finding Quigley

Visuals* Counters: 6 duck tracks

Student Manipulatives Packet* Grid Mat
* Counters: 16 duck tracks
* Farm Elements: DQ
* Farm Elements: Ned the Horse
* Farm Elements: Sass the Cow
* Counters: 8 circles

BJU Press Trove* PowerPointⓇ presentation
 | Teacher Edition* Instructional Aid 15: Coding Rubric: Working Better
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 66 Test, Cumulative Review |
| Teacher Edition276–78Worktext127 | 66.1 Demonstrate knowledge of concepts from Chapter 8 by taking the test. |  | Assessments* Chapter 8 Test

Worktext* Cumulative Review

Reviews* Pages 121–22
 |

Chapter 9: Fractions

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 67 Halves |
| Teacher Edition283–87Worktext128–30 | 67.1 Identify objects partitioned into equal parts.67.2 Describe 1/2 as 1 of 2 equal parts of a whole.67.3 Read a fraction with halves.67.4 Identify 1/2 and 2/2 of an object.67.5 Partition a shape into halves. 67.6 Identify ways fractions help people care for others. BWS Caring (recall) | Teacher Edition* Instructional Aid 16: Food Pictures

Visuals* Visual 1: Hundred Chart
* Visual 17: Halves, Thirds, Fourths
* Fraction Kit: 1 whole, two 1/2 pieces
* Shapes Kit: 1 orange hexagon, 1 brown trapezoid, 1 purple rhombus, 1 blue triangle

Student Manipulatives Packet* DQ Puppet
* Number Cards: 0–12

BJU Press Trove\** Video: Ch 9 Intro
* Games/Enrichment: Fact Reviews (Subtraction Facts to 6)
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 123–24
 |
| Lesson 68 Thirds |
| Teacher Edition288–91Worktext131–32 | 68.1 Identify objects partitioned into 3 equal parts.68.2 Describe 1/3 as 1 of 3 equal parts of a whole.68.3 Read a fraction with thirds.68.4 Identify 1/3, 2/3, and 3/3 of an object.68.5 Color 1/3, 2/3, and 3/3 of a shape. | Teacher Edition* Instructional Aid 17: Fraction Circle: Thirds

Visuals* Visual 17: Halves, Thirds, Fourths
* Fraction Kit: 1 whole, three 1/3 pieces
* Shapes Kit: 1 orange hexagon, 3 purple rhombuses, 3 blue triangles, 1 brown trapezoid

Student Manipulatives Packet* Shapes Kit: 1 orange hexagon, 3 purple rhombuses, 3 blue triangles, 1 brown trapezoid
* Number Cards: 0–12

BJU Press Trove* Games/Enrichment: Fact Reviews (Subtraction Facts to 6)
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 125–26
 |
| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 69 Fourths |
| Teacher Edition292–95Worktext133–34 | 69.1 Identify objects partitioned into 4 equal parts.69.2 Describe 1/4 as 1 of 4 equal parts of a whole.69.3 Read a fraction with fourths.69.4 Identify 1/4, 2/4, 3/4, and 4/4.69.5 Describe 1 of 6 pieces as 1/6 and 1 of 8 pieces as 1/8. | Teacher Edition* Instructional Aid 18: Pizza & Brownies

Visuals* Visual 17: Halves, Thirds, Fourths
* Fraction Kit: 1 whole, four 1/4 pieces
* Place Value Kit: 1 hundred, 4 tens, 11 ones

Student Manipulatives Packet* Number Cards: 0–12

BJU Press Trove* Video: Fourths
* Games/Enrichment: Fact Reviews (Subtraction Facts to 6)
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 127–28
 |
| Lesson 70 Part of a Set |
| Teacher Edition296–99Worktext135–36 | 70.1 Describe 1/2 of a set of 2 objects and 1/2 of a set of 4 objects.70.2 Identify 1/3 and 2/3 of a set.70.3 Identify 1/4, 2/4, and 3/4 of a set.70.4 Match part of a set to the correct fraction. | Visuals* Shapes Kit: 3 red circles, 3 yellow circles

Student Manipulatives Packet* Shapes Kit: 3 red circles, 3 yellow circles
* Number Cards: 0–12

BJU Press Trove* Video: Part of a Set
* Games/Enrichment: Fact Reviews (Subtraction Facts to 6)
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 129–30
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 71 Fair Shares |
| Teacher Edition300–303Worktext137–38 | 71.1 Identify equal parts.71.2 Determine the fair share for 2, 3, and 4 people.71.3 Demonstrate fair shares for 2, 3, and 4 people.71.4 Explain how finding fair shares helps a student care for others.  BWS Caring (explain) | Visuals* Money Kit: 12 pennies, 9 nickels, 6 dimes

Student Manipulatives Packet* Number Cards: 0–12
* Counters: 12 cars

BJU Press Trove* Video: Fair Shares
* Games/Enrichment: Fact Reviews (Subtraction Facts to 6)
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 131–32
 |
| Lesson 72 Probability & Tally Marks |
| Teacher Edition304–7Worktext139–40 | 72.1 Predict the probability of an ­activity by using fractions.72.2 Tally the results of a probability activity. | Teacher Edition* Instructional Aid 19: Fraction Circle: Fourths
* Instructional Aid 20: Fraction Circle: Sixths

Student Manipulatives Packet* Number Cards: 0–12

BJU Press Trove* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 133–34
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 73 Chapter 9 Review |
| Teacher Edition308–11Worktext141–42 | 73.1 Recall concepts and terms from Chapter 9. | Teacher Edition* Instructional Aid 20: Fraction Circle: Sixths

Visuals* Fraction Kit
* Shapes Kit: 3 green squares, 3 blue squares
* Counters: 12 candies
* Money Kit: pennies, nickels, and dimes

Student Manipulatives Packet* Number Cards 0–12
* Fraction Kit

BJU Press Trove* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Worktext* Chapter 9 Review

Reviews* Pages 135–36
 |
| Lesson 74 Test, Cumulative Review |
| Teacher Edition312–14Worktext143 | 74.1 Demonstrate knowledge of concepts from Chapter 9 by taking the test. |  | Assessments* Chapter 9 Test

Worktext* Cumulative Review

Reviews* Pages 137–38
 |

chapter 10: Subtraction Facts to 12

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 75 **Count Back** 1 or 2; Subtract 0 |
| Teacher Edition319–23Worktext144–46 | 75.1 Model subtraction by separating a set.75.2 Subtract by applying the Zero Principle of Subtraction.75.3 Subtract 1 or 2 by using a **counting back** strategy.75.4 Explain how subtraction helps people explore the world around them. BWS Exploring (explain) | Visuals* Number Line
* Counters: 10 soccer balls

Student Manipulatives Packet* Number Cards: 0–12
* Soccer Field Mat
* Counters: 10 soccer balls

BJU Press Trove\** Video: Ch 10 Intro
* Web Link: Virtual Manipulatives: Number Line
* Games/Enrichment: Fact Reviews (Addition Facts to 8)
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 139–40
 |
| Lesson 76 Subtract **All**; Subtract **Nearly All** |
| Teacher Edition324–27Worktext147–48 | 76.1 Solve a subtraction problem by using a number line.76.2 Solve problems by subtracting **all** and **nearly all**. | Visuals* Place Value Kit: 1 hundred, 5 tens, 12 ones
* Counters: 10 orange and 10 blue soccer balls
* Number Line
* DQ Puppet

Student Manipulatives Packet* Number Cards: 0–12
* Number Line
* DQ Puppet

BJU Press Trove* Games/Enrichment: Fact Reviews (Addition Facts to 8)
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 141–42
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 77 Compare to Subtract; Double Facts  |
| Teacher Edition328–31Worktext149–50  | 77.1 Solve comparison subtraction word problems.77.2 Relate subtraction to addition.77.3 Identify double facts. | Visuals* Counters: 8 orange and 5 blue soccer balls
* Shapes Kit: 12 circles

Student Manipulatives Packet* Number Cards: 0–12

BJU Press Trove* Web Link: Virtual Manipulatives: Number Frames
* Games/Enrichment: Fact Reviews (Addition Facts to 8)
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 143–44
 |
| Lessons 78 Missing Addend; Subtract from 10 |
| Teacher Edition332–35Worktext151–52 | 78.1 Model subtraction from 10 by separating a set.78.2 Relate subtraction to addition.78.3 Complete missing addend equations. | Visuals* Visual 17: Halves, Thirds, Fourths
* Counters: circles

Student Manipulatives Packet* Number Cards: 0–12
* Ten Bar Mat
* Money Kit: 10 pennies

BJU Press Trove* Video: Separate a Set
* Web Link: Virtual Manipulatives: Number Frames
* Games/Enrichment: Fact Reviews (Addition Facts to 8)
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 145–46
 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 79 Fact Families |
| Teacher Edition336–39Worktext153–54 | 79.1 Write addition and subtraction equations for a fact family.79.2 Complete missing addend equations. | Teacher Edition* Instructional Aid 19: Fraction Circle: Fourths

Visuals* Counters: 9 soccer balls

Student Manipulatives Packet* Soccer Field Mat
* Counters: 9 soccer balls
* Number Cards: 0–12

BJU Press Trove* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 147–48
 |
| Lesson 80 Fact Families for 11; Missing Addend  |
| Teacher Edition340–43Worktext155–56 | 80.1 Complete missing addend equations.80.2 Model subtraction from 11 by separating a set.80.3 Write equations for a fact family. | Visuals* Number Cards: 0–12
* Sign Cards: Plus, Minus, Equals

Student Manipulatives Packet* Number Cards: 0–12
* Ten Bar Mat
* Sign Cards: Plus, Minus, Equals

BJU Press Trove* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 149–50
 |
| Lesson 81 Fact Families for 12; Missing Addend |
| Teacher Edition344–47Worktext157–58 | 81.1 Model subtraction from 12 by separating a set.81.2 Write addition and subtraction equations for a fact family.81.3 Complete missing addend equations for a word problem.81.4 Evaluate the idea that subtraction can teach people what is kind. BWS Exploring (evaluate) | Student Manipulatives Packet* Number Cards: 0–12
* Ten Bar Mat

BJU Press Trove* Web Link: Virtual Manipulatives: UNIFIXⓇ Cubes
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 151–52
 |
| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 82 Chapter 10 Review  |
| Teacher Edition348–51Worktext159–60 | 82.1 Recall concepts and terms from Chapter 10. | Visuals* Number Line
* DQ Puppet
* Shapes Kit: rectangles, circles

Student Manipulatives Packet* Number Line
* DQ Puppet
* Shapes Kit: rectangles, circles

BJU Press Trove* Games/Enrichment: Fact Fun Activities
* Games/Enrichment: Addition Flashcards
* PowerPointⓇ presentation
 | Worktext* Chapter 10 Review

Reviews* Pages 153–54
 |
| Lesson 83 Test, Cumulative Review |
| Teacher Edition352–54Worktext161 | 83.1 Demonstrate knowledge of concepts from Chapter 10 by taking the test. |  | Assessments* Chapter 10 Test

Worktext* Cumulative Review

Reviews* Pages 155–56
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chapter 11: CUSTOMARY MEASUREMENT

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| Pages | Objectives | Resources | Assessments |
| Lesson 84 Measure in Paper Clips & Inches |
| Teacher Edition359–63Worktext162–64 | 84.1 Measure the length and height of objects in nonstandard units.84.2 Identify a measuring unit for length.84.3 Measure the length and height of objects in inches.84.4 Order the length of objects by using **shortest** and **longest**.84.5 Explain how measuring length helps people do their work. BWS Working (explain) | Teacher Edition* Instructional Aid 23: Measuring Worksheet

Visuals* Visual 18: Customary Measurement
* Rulers: Paper clip, Inch

Student Manipulatives Packet* Rulers: Paper clip, Inch
* Number Cards: 0–9

BJU Press Trove\** Video: Ch 11 Intro
* Games/Enrichment: Fact Reviews (Addition Facts to 10)
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 157–58
 |
| Lesson 85 Estimate & Measure in Inches |
| Teacher Edition364–67Worktext165–66 | 85.1 Estimate the length of an object to the nearest inch.85.2 Measure the length of an object to the nearest inch.85.3 Draw a line of a specific length.85.4 Choose the correct equation for a word problem. | Teacher Edition* Instructional Aid 24: Animal Measurement

Visuals* Visual 18: Customary Measurement
* Ruler: Inch

Student Manipulatives Packet* 2 DQ Clocks
* Ruler: Inch
* Number Cards: 0–9

BJU Press Trove* Web Link: Measuring: Find Lengths with a Ruler
* Games/Enrichment: Fact Reviews (Addition Facts to 10)
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 159–60
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 86 Cups & Pints |
| Teacher Edition368–71Worktext167–68 | 86.1 Identify smaller measuring units for capacity.86.2 Compare cups and pints.86.3 Measure capacity in cups and pints.86.4 Measure a snack by using cups. | Visuals* Visual 18: Customary Measurement

Student Manipulatives Packet* Number Cards: 0–9

BJU Press Trove* Games/Enrichment: Fact Reviews (Addition Facts to 10)
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 161–62
 |
| Lesson 87 Pints, Quarts & Gallons |
| Teacher Edition372–75Worktext169–70 | 87.1 Identify larger measuring units for capacity.87.2 Compare and contrast cups, pints, quarts, and gallons.87.3 Measure capacity in quarts and gallons.87.4 Use units of capacity to accomplish a task. BWS Working (apply) | Teacher Edition* Song: “Wide, Wide as the Ocean”

Visuals* Visual 18: Customary Measurement

Student Manipulatives Packet* Number Cards: 0–9

BJU Press Trove* Games/Enrichment: Fact Reviews (Addition Facts to 10)
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 163–64
 |
| Lesson 88 More Than or Less Than a Pound |
| Teacher Edition376–79Worktext171–72 | 88.1 Identify a measuring unit for weight.88.2 Compare the weight of objects by using the words **more** or **less**.88.3 Solve word problems involving measurements. | Visuals* Visual 18: Customary Measurement

Student Manipulatives Packet* Number Cards: 0–9
* Sign Cards: Greater than, Less than

BJU Press Trove* Games/Enrichment: Fact Fun Activities
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 165–66
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 89 Read a Thermometer |
| Teacher Edition380–83Worktext173–74 | 89.1 Identify a measuring unit for temperature.89.2 Read a Fahrenheit thermometer in increments of 10 degrees.89.3 Represent temperature by using a Fahrenheit thermometer.89.4 Match weather-related activities to Fahrenheit temperatures. | Teacher Edition* Instructional Aid 25: Fahrenheit Thermometer

Visuals* Visual 20: Temperature
* Ruler: Centimeter

Student Manipulatives Packet* Ruler: Centimeter
* Number Cards: 0–9

BJU Press Trove* Fact Fun Activities
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 167–68
 |
| Lesson 90 Chapter 11 Review |
| Teacher Edition384–87Worktext175–76 | 90.1 Recall concepts and terms from Chapter 11. | Teacher Edition* Instructional Aid 26: Measurement Review

Student Manipulatives Packet* Ruler: Inch

BJU Press Trove* Games/Enrichment: Fact Fun Activities
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Worktext* Chapter 11 Review

Reviews* Pages 169–70
 |
| Lesson 91 Test, Cumulative Review |
| Teacher Edition388–90Worktext177 | 91.1 Demonstrate knowledge of concepts from Chapter 11 by taking the test. |  | Assessments* Chapter 11 Test

Worktext* Cumulative Review

Reviews* Pages 171–72
 |

chapter 12: Addition with two-Digit Numbers

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 92 Add the Ones First |
| Teacher Edition395–99Worktext178–80 | 92.1 Join sets for 2-digit addends by using representations. 92.2 Solve a word problem by writing an addition equation.92.3 Complete a 2-digit addition problem in vertical form by using representations.92.4 Explain how 2-digit addition should be used to care for others. BWS Caring (explain) | Visuals* Place Value Kit: tens, ones

Student Manipulatives Packet* Number Cards: 0–9
* Tens/Ones Mat

BJU Press Trove\** Video: Ch 12 Intro
* Web Link: Virtual Manipulatives: Base Ten Number Pieces
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 173–74
 |
| Lesson 93 Adding Two-Digit Numbers |
| Teacher Edition400–403Worktext181–82 | 93.1 Join sets for 2-digit addends.93.2 Solve a word problem by writing an addition equation.93.3 Complete a 2-digit addition problem in vertical form. | Visuals* Place Value Kit: tens, ones

Student Manipulatives Packet* Number Cards: 0–9
* Tens/Ones Mat

BJU Press Trove* Video: Add Ones
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 175–76
 |
| Lesson 94 Adding Dimes & Pennies |
| Teacher Edition404–7Worktext183–84 | 94.1 Join sets of dimes and pennies for 2-digit addends.94.2 Solve a money word problem by writing an addition or subtraction equation.94.3 Solve a money word problem by using the Problem-Solving Plan. | Visuals* Visual 21: Problem-Solving Plan
* Money Kit: 9 pennies, 9 dimes

Student Manipulatives Packet* Number Cards: 0–9
* Tens/Ones Mat
* Money Kit: 9 pennies, 9 dimes

BJU Press Trove* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 177–78
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 95 Adding Money |
| Teacher Edition408–11Worktext185–86 | 95.1 Join sets of dimes and pennies for 2-digit addends.95.2 Solve a money word problem by writing an addition or subtraction equation.95.3 Solve a money word problem by using the Problem-Solving Plan95.4 Compose an addition word ­problem.95.5 Evaluate adding money for a selfish purpose.  BWS Caring (evaluate) | Teacher Edition* Instructional Aid 27: Pictograph

Visuals* Visual 21: Problem-Solving Plan

Student Manipulatives Packet* Number Cards: 0–9
* Tens/Ones Mat
* Money Kit: 9 pennies, 9 dimes

BJU Press Trove* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 179–80
 |
| Lessons 96–97 Rename 10 Ones |
| Teacher Edition412–15Worktext187–88 | 96–97.1 Rename 10 ones as 1 ten.96–97.2 Join sets for 2-digit addends with renaming.96–97.3 Complete a 2-digit addition problem with renaming. | Visuals* DQ Puppet
* Place Value Kit: tens, ones

Student Manipulatives Packet* Tens/Ones Mat

BJU Press Trove* Video: Rename 10 Ones
* Web Link: Virtual Manipulatives: Base Ten Number Pieces
* PowerPointⓇ presentation
 | Reviews* Pages 181–82
 |
| Lesson 98 Rename 10 Pennies |
| Teacher Edition416–19Worktext189–90 | 98.1 Rename 10 pennies as 1 dime.98.2 Join sets of dimes and pennies for 2-digit addends with renaming.98.3 Solve money problems with sums to 99¢.98.4 Solve a word problem by writing an addition equation. | Visuals* Visual 21: Problem-Solving Plan
* Money Kit: pennies, dimes

Student Manipulatives Packet* Tens/Ones Mat
* Money Kit: pennies, dimes

BJU Press Trove* Video: Rename 10 Pennies
* Web Link: Virtual Manipulatives: Money Pieces
* PowerPointⓇ presentation
 | Reviews* Pages 183–84
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 99 Chapter 12 Review |
| Teacher Edition420–23Worktext191–92 | 99.1 Recall concepts and terms from Chapter 12. | Visuals* Visual 21: Problem-Solving Plan
* Place Value Kit: tens, ones

Student Manipulatives Packet* Number Cards: 0–9
* Tens/Ones Mat
* Sign Cards: Greater than, Less than

BJU Press Trove* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Worktext* Chapter 12 Review

Reviews* Pages 185–86
 |
| Lesson 100 Coding: Guiding a Friend |
| Teacher Edition424–27Worktext193–94 | 100.1 Follow cardinal directions on a grid.100.2 Debug an algorithm.100.3 Follow the Engineering Design Process to solve a problem.100.4 Compose an algorithm that uses cardinal directions.100.5 Program a friend to help him or her find a destination. BWS Caring (apply)  | Teacher Edition* Instructional Aid 5: STEM Engineering Design Process
* Instructional Aid 28: Compass Rose
* Instructional Aid 29: Trampoline Park Destination

BJU Press Trove* PowerPointⓇ presentation
 | Teacher Edition* Instructional Aid 30: Coding Rubric: Guiding a Friend
 |
| Lesson 101 Test, Cumulative Review |
| Teacher Edition428–30Worktext195 | 101.1 Demonstrate knowledge of concepts from Chapter 12 by taking the test. |  | Assessments* Chapter 12 Test

Worktext * Cumulative Review

Reviews* Pages 187–88
 |

chapter 13: Subtraction with two-Digit Numbers

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| Pages | Objectives | Resources | Assessments |
| Lesson 102 Subtracting the Ones First |
| Teacher Edition435–39Worktext196–98 | 102.1 Separate a set to subtract a 2-digit number by using representations.102.2 Write a subtraction equation to solve a word problem.102.3 Complete a 2-digit subtraction problem in vertical form.102.4 Solve a word problem by using the Problem-Solving Plan.102.5 Explain how people can use the Problem-Solving Plan to accomplish a task.  BWS Working (explain) | Visuals* Visual 21: Problem-Solving Plan
* Place Value Kit: tens, ones

Student Manipulatives Packet* Tens/Ones Mat

BJU Press Trove\** Video: Ch 13 Intro
* Games/Enrichment: Fact Reviews (Subtraction Facts to 8)
* Games/Enrichment: Subtraction Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 189–90
 |
| Lesson 103 Subtracting 2-Digit Numbers |
| Teacher Edition440–43Worktext199–200 | 103.1 Separate a set to subtract a 2-digit number.103.2 Write an addition or subtraction equation to solve a word problem.103.3 Complete a 2-digit subtraction problem in vertical form.103.4 Follow the Problem-Solving Plan to solve a word problem. | Visuals* Visual 21: Problem-Solving Plan
* Place Value Kit: tens, ones

Student Manipulatives Packet* Tens/Ones Mat

BJU Press Trove* Video: Subtract 2 Digits
* Games/Enrichment: Fact Reviews (Subtraction Facts to 8)
* Games/Enrichment: Subtraction Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 191–92
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources | Assessments |
| Lesson 104 Subtracting Dimes & Pennies |
| Teacher Edition444–47Worktext201–2 | 104.1 Separate a set of dimes and pennies to subtract a 2-digit number.104.2 Compose a subtraction word problem.104.3 Complete a 2-digit subtraction problem in vertical form.104.4 Write a subtraction equation to solve a word problem. | Visuals* Visual 16: 12-Month Calendar
* Money Kit: 9 dimes, 9 pennies

Student Manipulatives Packet* Tens/Ones Mat
* Money Kit: 9 dimes, 9 pennies

BJU Press Trove* Web Link: Virtual Manipulatives: Base Ten Money Pieces
* Games/Enrichment: Fact Reviews (Subtraction Facts to 8)
* Games/Enrichment: Subtraction Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 193–94
 |
| Lesson 105 Subtracting Money |
| Teacher Edition448–451Worktext203–4 | 105.1 Separate a set of dimes and pennies to subtract a 2-digit number.105.2 Complete a 2-digit subtraction problem in vertical form.105.3 Choose the correct equation by reading a pictograph.105.4 Write an addition or subtraction equation to solve a word problem.105.5 Explain why a person should solve an equation even if the problem seems hard. BWS Working (formulate) | Teacher Edition* Instructional Aid 27: Pictograph

Visuals* Money Kit: 9 dimes, 50 pennies

Student Manipulatives Packet* Tens/Ones Mat
* Money Kit: 9 dimes, 9 pennies

BJU Press Trove* Web Link: Virtual Manipulatives: Base Ten Money Pieces
* Games/Enrichment: Fact Reviews (Subtraction Facts to 8)
* Games/Enrichment: Subtraction Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 195–96
 |

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| Pages | Objectives | Resources | Assessments |
| Lesson 106 Chapter 13 Review |
| Teacher Edition452–55Worktext205–6 | 106.1 Recall concepts and terms from Chapter 13. | Visuals* Visual 21: Problem-Solving Plan

Student Manipulatives Packet* Tens/Ones Mat

BJU Press Trove* Games/Enrichment: Fact Fun Activities
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Worktext* Chapter 13 Review

Reviews* Pages 197–98
 |
| Lesson 107 Test, Cumulative Review |
| Teacher Edition456–58Worktext207 | 107.1 Demonstrate knowledge of ­concepts from Chapter 13 by taking the test. |  | Assessments* Chapter 13 Test

Worktext* Cumulative Review

Reviews* Pages 199–200
 |

chapter 14: **Count On** with Coins

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 108 Counting Dimes, Nickels & Pennies |
| Teacher Edition463–67Worktext208–10 | 108.1 Identify the value of a penny, a nickel, and a dime.108.2 Determine the value of a set of dimes and pennies and a set of nickels and pennies by **counting on**.108.3 Determine whether there is enough money to purchase an item. BWS Working (explain) | Teacher Edition* Instructional Aid 9: Price Tags

Visuals* Visual 14: Money
* Money Kit: 7 pennies, 6 nickels, 6 dimes

Student Manipulatives Packet* Number Cards: 0–9
* Red Mat
* Money Kit: 4 pennies, 6 nickels, 4 dimes

BJU Press Trove\** Video: Ch 14 Intro
* Web Link: Virtual Manipulatives: Money Pieces
* Web Link: U.S. Mint Coin Classroom
* Games/Enrichment: Fact Reviews (Addition Facts to 12)
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 201–2
 |
| Lesson 109 Solving Money Word Problems |
| Teacher Edition468–71Worktext211–12 | 109.1 Determine the value of a set of dimes and nickels and a set of dimes, nickels, and pennies by **counting on**.109.2 Determine whether there is enough money to purchase an item.109.3 Solve a money word problem by using the Problem-Solving Plan. | Visuals* Visual 21: Problem-Solving Plan
* Money Kit: 7 pennies, 6 nickels, 7 dimes

Student Manipulatives Packet* Number Cards: 0–9
* Red Mat
* Money Kit: 6 pennies, 6 nickels, 6 dimes

BJU Press Trove* Video: Nickels, Dimes, Pennies
* Games/Enrichment: Fact Reviews (Addition Facts to 12)
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 203–4
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 110 Money & Probability |
| Teacher Edition472–75Worktext213–14 | 110.1 Determine the value of a set of dimes, nickels, and pennies by **counting on**.110.2 Identify equivalent amounts of money.110.3 Predict the probability of choosing a dime, nickel, or penny.110.4 Tally the results of a probability activity. | Visuals* Money Kit: 10 pennies, 7 nickels, 12 dimes

Student Manipulatives Packet* Number Cards: 0–9
* Sign Cards: Greater than, Less than, Cent
* Money Kit: 7 pennies, 7 nickels, 7 dimes
* Red Mat

BJU Press Trove* Games/Enrichment: Fact Reviews (Addition Facts to 12)
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 205–6
 |
| Lesson 111 Quarters |
| Teacher Edition476–79Worktext215–16 | 111.1 Evaluate counting money in a careless way.  BWS Working (evaluate)111.2 Identify the value of a quarter.111.3 Identify sets of pennies, nickels,and dimes equivalent to 1 quarter. | Visuals* Visual 14: Money
* Money Kit: 25 pennies, 5 nickels, 6 dimes, 1 quarter

Student Manipulatives Packet* Number Cards: 0–9
* Money Kit: 25 pennies, 5 nickels, 2 dimes
* Red Mat

BJU Press Trove* Video: Quarters
* Web Link: Learning Coins
* Web Link: U.S. Mint Coin Classroom
* Games/Enrichment: Fact Reviews (Addition Facts to 12)
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 207–8
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 112 Chapter 14 Review |
| Teacher Edition480–83Worktext217–18 | 112.1 Recall concepts and terms from Chapter 14. | Teacher Edition* Instructional Aid 31: Grocery Store Items

Visuals* Money Kit: 6 pennies, 6 nickels, 8 dimes, 1 quarter

Student Manipulatives Packet* Tens/Ones Mat
* Money Kit: 6 pennies, 6 nickels, 6 dimes, 1 quarter
* Red Mat

BJU Press Trove* Games/Enrichment: Fact Reviews (Addition Facts to 12)
* Games/Enrichment: Subtraction Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Worktext* Chapter 14 Review

Reviews* Pages 209–10
 |
| Lesson 113 Test, Cumulative Review |
| Teacher Edition484–86Worktext219 | 113.1 Demonstrate knowledge of concepts from Chapter 14 by taking the test. |  | Assessments* Chapter 14 Test

Worktext * Cumulative Review

Reviews* Pages 211–12
 |

chapter 15: Geometry

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 114 Solid Figures |
| Teacher Edition491–95Worktext220–22 | 114.1 Distinguish 2-dimensional and 3-dimensional figures.114.2 Identify a sphere, a cone, a cylinder, and a rectangular prism.114.3 Describe the attributes of a sphere, a cone, a cylinder, and a rectangular prism.114.4 Classify 3-dimensional objects as a sphere, a cone, a cylinder, or a rectangular prism.114.5 Explain how classifying figures and objects helps people explore God’s world. BWS Exploring (explain) | Visuals* Visual 13: Solid Figures
* Shapes Kit: 1 circle, 1 rectangle, 1 square, 1 triangle

Student Manipulatives Packet* Number Cards: 0–9

BJU Press Trove\** Video: Ch 15 Intro
* Games/Enrichment: Fact Reviews (Subtraction Facts to 10)
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 213–14
 |
| Lesson 115 More Solid Figures |
| Teacher Edition496–99Worktext223–24 | 115.1 Identify a cube and a triangular pyramid.115.2 Distinguish between a cube and a rectangular prism.115.3 Describe the attributes of a cube and a triangular pyramid.115.4 Construct a triangular pyramid. | Teacher Edition* Instructional Aid 32: Pyramid Pattern

Visuals* Visual 13: Solid Figures

Student Manipulatives Packet* Number Cards: 0–9

BJU Press Trove* Games/Enrichment: Fact Reviews (Subtraction Facts to 10)
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 215–16
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 116 Faces, Curves & Corners |
| Teacher Edition500–3Worktext225–26 | 116.1 Describe the attributes of solid figures.116.2 Draw faces of solid figures. | Teacher Edition* Instructional Aid 32: Pyramid Pattern

Visuals* Visual 13: Solid Figures

Student Manipulatives Packet* Number Cards 0–9

BJU Press Trove* Games/Enrichment: Fact Reviews (Subtraction Facts to 10)
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 217–18
 |
| Lesson 117 Compose Solid Figures |
| Teacher Edition504–7Worktext227–28 | 117.1 Identify solid figures used to compose a picture.117.2 Compose a solid figure by using solid figures.117.3 Compose a picture by using solid figures. | Visuals* Money Kit: 1 quarter

Student Manipulatives Packet* Red Mat
* Money Kit: 5 dimes, 5 nickels, 5 pennies

BJU Press Trove* Games/Enrichment: Fact Reviews (Subtraction Facts to 10)
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 |  |
| Lesson 118 Plane Figures |
| Teacher Edition508–11Worktext229–30 | 118.1 Distinguish between a circle, a triangle, a square, and a rectangle.118.2 Describe attributes of a triangle, a square, and a rectangle.118.3 Predict the results of a probabil­ity activity.118.4 Tally the results of a probability activity. | Teacher Edition* Instructional Aid 33: Spinner

Visuals* Visual 12: Plane Figures
* Number Word Cards: zero to ten
* Shapes Kit: 3 red circles, 3 blue circles, 2 rectangles, 3 squares, 6 triangles

Student Manipulatives Packet* Number Cards 0–9

BJU Press Trove* Web Link: Mathigon
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 219–20
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 119 Same Shape, Size, or Color |
| Teacher Edition512–15Worktext231–32 | 119.1 Identify plane figures that are the same or different shape, color, or size.119.2 Make a Venn diagram.119.3 Draw plane figures that are the same or different size. | Teacher Edition* Instructional Aid 34: Dot Grid

Visuals* Shapes Kit: 5 rectangles—2 green, 1 red, 1 blue, 1 yellow; 5 triangles—2 red, 1 green, 1 blue, 1 yellow; 4 circles—1 of each color; 4 squares—1 of each color

Student Manipulatives Packet* Shapes Kit: 1 blue circle, 4 squares, 4 triangles, 4 rectangles

BJU Press Trove* Web Link: Mathigon
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 221–22
 |
| Lesson 120 Symmetry |
| Teacher Edition516–19Worktext233–34 | 120.1 Identify symmetrical and asymmetrical figures.120.2 Identify a line of symmetry.120.3 Draw a line of symmetry on an object. | Teacher Edition* Instructional Aid 35: Symmetrical Shapes
* Instructional Aid 36: Asymmetrical Shapes
* Instructional Aid 37: Line of Symmetry

BJU Press Trove* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 223–24
 |
| Lesson 121 Patterns |
| Teacher Edition520–23Worktext235–36 | 121.1 Copy an action pattern and a shape pattern.121.2 Extend patterns of shapes, numbers, or letters.121.3 Compose a picture by using plane figures.121.4 Relate learning shapes to exploring God’s world. BWS Exploring (explain) | Visuals* Shapes Kit (6 of each): yellow triangles, blue triangles, yellow circles, red circles, green squares, blue rectangles, orange hexagons, purple rhombuses, brown trapezoids

Student Manipulatives Packet* Shapes Kit (6 of each): yellow triangles, blue triangles, yellow circles, red circles, green squares, blue rectangles, orange hexagons, purple rhombuses, brown trapezoids

BJU Press Trove* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews * Pages 225–26
 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 122 Chapter 15 Review |
| Teacher Edition524–27Worktext237–38 | 122.1 Recall concepts and terms from Chapter 15. | Teacher Edition* Instructional Aid 35: Symmetrical Shapes
* Instructional Aid 36: Asymmetrical Shapes

Visuals* Visual 13: Solid Figures
* Visual 12: Plane Figures
* Shapes Kit: 6 red rectangles, 6 blue squares
* Money Kit: 6 pennies, 4 nickels, 4 dimes

BJU Press Trove* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Worktext* Chapter 15 Review

Reviews* Pages 227–28
 |
| Lesson 123 Test, Cumulative Review |
| Teacher Edition528–30Worktext239 | 123.1 Demonstrate knowledge of concepts from Chapter 15 by taking the test. |  | Assessments* Chapter 15 Test

Worktext* Cumulative Review

Reviews* Pages 229–30
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CHAPTER 16: PLACE VALUE: Three-DIGIT NUMBERS

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 124 Hundreds, Tens, Ones |
| Teacher Edition533–37Worktext240–42 | 124.1 Count by 100s to 1,000.124.2 Identify the hundreds, tens, and ones in a 3-digit number.124.3 Represent 3-digit numbers by using manipulatives. | Visuals* Place Value Kit: hundreds, tens, ones

Student Manipulatives Packet* Hundreds/Tens/Ones Mat
* Place Value Kit: hundreds, tens, ones

BJU Press Trove\** Video: Ch 16 Intro
* Web Link: Virtual Manipulatives: Base Ten Number Pieces
* Games/Enrichment: Fact Reviews (Addition Facts to 12)
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 231–32
 |
| Lesson 125 Representing 3-Digit Numbers |
| Teacher Edition538–41Worktext243–44 | 125.1 Identify the hundreds, tens, and ones in a 3-digit number.125.2 Represent 3-digit numbers by using manipulatives.125.3 Rename 10 ones as 1 ten in a 3-digit number.125.4 Complete a sequence of 3-digit numbers.125.5 Explain how place value helps people explore God’s world.  BWS Exploring (explain) | Visuals* Place Value Kit: hundreds, tens, ones

Student Manipulatives Packet* Hundreds/Tens/Ones Mat
* Place Value Kit: hundreds, tens, ones

BJU Press Trove* Games/Enrichment: Fact Reviews (Addition Facts to 12)
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 233–34
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 126 Writing Numbers to 1,000 |
| Teacher Edition542–45Worktext245–46 | 126.1 Identify the number of hundreds, tens, and ones in a 3-digit number.126.2 Write 3-digit numbers by using Number Cards.126.3 Write the number that is 1 more or 1 less.126.4 Write the number that comes **before**, **after**, or **between**. | Visuals* Visual 1: Hundred Chart (extended)
* Place Value Kit: hundreds, tens, ones

Student Manipulatives Packet* Number Cards: 0–9

BJU Press Trove* Video: Place Value
* Games/Enrichment: Fact Reviews (Addition Facts to 12)
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 235–36
 |
| Lesson 127 Place Value in 3-Digit Numbers |
| Teacher Edition546–49Worktext247–48 | 127.1 Identify the number of hundreds, tens, and ones in a 3-digit number.127.2 Write 3-digit numbers by using Number Cards.127.3 Identify the value of the digits in a 3-digit number. | Visuals* Place Value Kit: hundreds, tens, ones

Student Manipulatives Packet* Number Cards: 0–9

BJU Press Trove* Games/Enrichment: Fact Reviews (Addition Facts to 12)
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 237–38
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 128 Counting More & Less |
| Teacher Edition550–53Worktext249–50 | 128.1 Identify and write the number that is 1 more or 1 less.128.2 Identify and write the number that is 10 more or 10 less.128.3 Count by 10s from a 3-digit number.128.4 Identify and write the number that is 100 more or 100 less. | Visuals* Visual 1: Hundred Chart (extended)
* Place Value Kit: hundreds, tens, ones

Student Manipulatives Packet* Place Value Kit: hundreds, tens, ones
* Hundreds/Tens/Ones Mat

BJU Press Trove* Video: More and Less
* Games/Enrichment: Fact Reviews (Addition Facts to 12)
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 239–40
 |
| Lesson 129 Comparing 3-Digit Numbers |
| Teacher Edition554–57Worktext251–52 | 129.1 Compare 3-digit numbers by using manipulatives.129.2 Compare 3-digit numbers by using > and <.129.3 Compare 3-digit numbers to explore God’s world. BWS Exploring (apply) | Visuals* Place Value Kit: hundreds, tens, ones
* Sign Cards: Greater than, Less than

Student Manipulatives Packet* Sign Cards: Greater than, Less than
* Number Cards: 0–9
* Dot Pattern Cards: 0–9 (backs)

BJU Press Trove* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 241–42
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| Pages | Objectives | Resources & Materials | Assessments |
| Lessons 130–31 Adding Large Numbers  |
| Teacher Edition558–61Worktext253–54 | 130.1 Join sets for 3-digit addends.130.2 Solve a word problem by using the Problem-Solving Plan.130.3 Write an addition equation for a word problem. | Visuals* Visual 21: Problem-Solving Plan
* Place Value Kit: hundreds, tens, ones

Student Manipulatives Packet* Hundreds/Tens/Ones Mat
* Place Value Kit: hundreds, tens, ones

BJU Press Trove* Video: Add Large Numbers
* Web Link: Let’s Set the Record Straight. Pizza Boxes are Recyclable.
* PowerPointⓇ presentation
 | Reviews* Pages 243–44
 |
| Lesson 132 Practicing Adding Large Numbers |
| Teacher Edition562–65Worktext255–56 | 132.1 Join sets for 3-digit numbers.132.2 Solve a word problem by using the Problem-Solving Plan. 132.3 Write an addition equation for a word problem. | Visuals* Visual 21: Problem-Solving Plan
* Place Value Kit: hundreds, tens, ones

Student Manipulatives Packet* Hundreds/Tens/Ones Mat
* Place Value Kit: hundreds, tens, ones

BJU Press Trove* Web Link: 15 Creative Ways to Recycle Pizza Boxes
* Web Link: 20 Cool Things You Can Make with a Pizza Box
* PowerPointⓇ presentation
 | Reviews* Pages 245–46
 |
| Lesson 133 Chapter 16 Review |
| Teacher Edition566–69Worktext257–58 | 133.1 Recall concepts and terms from Chapter 16. | Visuals* Place Value Kit: hundreds, tens, ones

Student Manipulatives Packet* Sign Cards: Greater than, Less than
* Number Cards: 0–9
* Dot Pattern Cards: 0–9 (backs)

BJU Press Trove* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Worktext* Chapter 16 Review

Reviews* Pages 247–48
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 134 Coding: Playing a Game |
| Teacher Edition570–73Worktext259–60 | 134.1 Identify a pattern of repeated actions.134.2 Translate a picture program into a clapping game.134.3 Simplify a picture program by using loops.134.4 Follow the Engineering Design Process to solve a problem.134.5 Write a program for a clapping game by using loops.134.6 Teach a friend a clapping game by using a program. BWS Exploring (apply) | Teacher Edition* Instructional Aid 38: Clapping Games
* Instructional Aid 5: STEM Engineering Design Process

BJU Press Trove* Web Link: Hand Clapping Games
* PowerPointⓇ presentation
 | Teacher Edition* Instructional Aid 39: Coding Rubric: Playing a Game
 |
| Lesson 135 Test, Cumulative Review |
| Teacher Edition574–76Worktext261 | 135.1 Demonstrate knowledge of concepts from Chapter 16 by taking the test. |  | Assessments* Chapter 16 Test

Worktext* Cumulative Review

Reviews* Pages 249–50
 |

CHAPTER 17: METRIC MEASUREMENT

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 136 Measure in Centimeters |
| Teacher Edition581–85Worktext262–64 | 136.1 Compare the length of objects by using the words **longer** and **shorter**. 136.2 Identify a metric measuring unit for length.136.3 Measure the length and height of objects in centimeters.136.4 Compose an addition word problem.136.5 Explain how measuring length and height helps people care for others. BWS  | Teacher Edition* Instructional Aid 35: Symmetrical Shapes
* Instructional Aid 36: Asymmetrical Shapes
* Instructional Aid 40: Centimeter Measurement Worksheet

Visuals* Rulers: Centimeter, Inch

Student Manipulatives Packet* Ruler: Centimeter

BJU Press Trove\** Video: Ch 17 Intro
* Games/Enrichment: Fact Reviews (Subtraction Facts to 12)
* Games/Enrichment: Subtraction Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 251–52
 |
| Lesson 137 Estimate & Measure in Centimeters |
| Teacher Edition586–89Worktext265–66 | 137.1 Measure the length and height of objects in centimeters.137.2 Measure distance in centimeters.137.3 Estimate the length of an object to the nearest centimeter.137.4 Measure the length of an object to the nearest centimeter.137.5 Solve a comparison subtraction problem. | Visuals* Visual 19: Metric Measurement
* Rulers: Centimeter, Paper Clip
* Counters: Duck Tracks
* Money Kit: 5 nickels, 7 dimes

Student Manipulatives Packet* Rulers: Centimeter, Paper Clip

BJU Press Trove* Games/Enrichment: Fact Reviews (Subtraction Facts to 12)
* PowerPointⓇ presentation
 | Reviews* Pages 253–54
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 138 Using Liters |
| Teacher Edition590–93Worktext267–68 | 138.1 Identify a metric measuring unit for capacity.138.2 Compare the capacity of objects by using the words **more** and **less**.138.3 Solve a comparison subtraction problem. | Visuals* Visual 19: Metric Measurement

Student Manipulatives Packet* Number Cards: 0–9

BJU Press Trove* Games/Enrichment: Fact Reviews (Subtraction Facts to 12)
* Games/Enrichment: Subtraction Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 255–56
 |
| Lesson 139 Using Kilograms |
| Teacher Edition594–97Worktext269–70 | 139.1 Identify a metric measuring unit for mass.139.2 Identify a tool for measuring mass.139.3 Compare the mass of objects by using the words **more** or **less**.139.4 Compose a word problem. | Visuals* Visual 19: Metric Measurement

BJU Press Trove* Games/Enrichment: Fact Reviews (Subtraction Facts to 12)
* PowerPointⓇ presentation
 | Reviews* Pages 257–58
 |
| Lesson 140 Read a Celsius Thermometer |
| Teacher Edition598–601Worktext271–72 | 140.1 Identify a metric measuring unit for temperature.140.2 Read a Celsius thermometer.140.3 Match weather-related activities to Celsius temperature.140.4 Identify measurement units and tools.140.5 Explain how reading a thermometer helps people care for others. BWS  | Teacher Edition* Instructional Aid 41: Celsius Thermometer

Visuals* Visual 20: Temperature
* Ruler: Centimeter (the red back)

Student Manipulatives Packet* Ruler: Centimeter (the red back)

BJU Press Trove* Games/Enrichment: Fact Reviews (Subtraction Facts to 12)
* Games/Enrichment: Subtraction Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 259–60
 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 141 Measure Perimeter |
| Teacher Edition602–5Worktext273–74 | 141.1 Find the perimeter of a figure by using a nonstandard unit of measurement.141.2 Find the perimeter of a figure in centimeters. | Visuals* Ruler: Centimeter

Student Manipulatives Packet* Ruler: Centimeter

BJU Press Trove* PowerPointⓇ presentation
 | Reviews* Pages 261–62
 |
| Lesson 142 Chapter 17 Review |
| Teacher Edition606–9Worktext275–76 | 142.1 Recall concepts and terms from Chapter 17. | Teacher Edition* Instructional Aid 42: Metric Worksheet
* Instructional Aid 41: Celsius Thermometer

Student Manipulatives Packet* Ruler: Centimeter

BJU Press Trove* Games/Enrichment: Subtraction Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Worktext* Chapter 17 Review

Reviews* Pages 263–64
 |
| Lesson 143 Test, Cumulative Review |
| Teacher Edition610–12Worktext277 | 143.1 Demonstrate knowledge of concepts from Chapter 17 by taking the test. |  | Assessments* Chapter 17 Test

Worktext* Cumulative Review

Reviews* Pages 265–66
 |

CHAPTER 18: ADDITION & SUBTRACTION FACTS TO 20

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 144 Add Doubles |
| Teacher Edition617–21Worktext278–80 | 144.1 Add double facts for addends 1–10.144.3 Complete missing addend equations by using doubles.144.3 Solve a word problem by adding doubles.144.4 Explain how adding double facts helps people do work. BWS Working (explain) | Visuals* Place Value Kit: tens, ones

BJU Press Trove\** Video: Ch 18 Intro
* Web Link: Virtual Manipulatives: Base Ten Number Pieces
* Games/Enrichment: Fact Reviews (Subtraction Facts to 12)
* PowerPointⓇ presentation
 | Reviews* Pages 267–68
 |
| Lesson 145 Add Near Doubles |
| Teacher Edition622–25Worktext281–82 | 145.1 Write an addition equation for a near double fact (double + 1).145.2 Add near double facts.145.3 Solve word problems by using near doubles. | Visuals* Counters: 20 ducks

Student Manipulatives Packet* Ruler: Centimeter
* Counters: 20 ducks

BJU Press Trove* Games/Enrichment: Fact Reviews (Subtraction Facts to 12)
* PowerPointⓇ presentation
 | Reviews* Pages 269–70
 |
| Lesson 146 Add 9 or 10 |
| Teacher Edition626–29Worktext283–84 | 146.1 Add 10 by using the Ten Bar.146.2 Add 9 by making 10 (using the Ten Bar).146.3 Solve addition word problems. | Teacher Edition* Instructional Aid 44: Ten Bar

Student Manipulatives Packet* Ten Bar Mat

BJU Press Trove* Web Link: Virtual Manipulatives: Number Frames
* Games/Enrichment: Fact Reviews (Subtraction Facts to 12)
* Games/Enrichment: Subtraction Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 271–72
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 147 Add 6, 7, 8 |
| Teacher Edition630–33Worktext285–86 | 147.1 Add 9 or 10 by using the Ten Bar.147.2 Add 6, 7, or 8 by making 10 (using the Ten Bar).147.3 Make 10 mentally while adding.147.4 Solve a word problem by using the Problem-Solving Plan. | Teacher Edition* Instructional Aid 44: Ten Bar

Visuals* Dot Pattern Cards: 0–10

Student Manipulatives Packet* Dot Pattern Cards: 1–9
* Ten Bar Mat

BJU Press Trove* Web Link: Virtual Manipulatives: Number Frames
* Games/Enrichment: Fact Reviews (Subtraction Facts to 12)
* PowerPointⓇ presentation
 | Reviews* Pages 273–74
 |
| Lesson 148 3 Addends |
| Teacher Edition634–37Worktext287–88 | 148.1 Solve a 3-addend equation for a word problem.148.2 Solve 3-addend equations by using manipulatives.148.3 Add 3 addends by using the Grouping Principle.148.4 Solve 3-addend vertical problems.148.5 Propose a reason to persevere in solving a 3-addend equation for a word problem. BWS Working (formulate) | Visuals* Counters: 15 ducks

BJU Press Trove* Games/Enrichment: Fact Reviews (Subtraction Facts to 12)
* PowerPointⓇ presentation
 | Reviews* Pages 275–76
 |
| Lesson 149 Double Fact Families  |
| Teacher Edition638–41Worktext289–90 | 149.1 Relate subtraction to addition.149.2 Add double facts for 1–6.149.3 Identify the fact families for double facts for 7–10.149.4 Add double facts for 7–10.149.5 Solve a word problem involving double facts. | Visuals* Shapes Kit: 20 circles

BJU Press Trove* Web Link: Virtual Manipulatives: Number Frames
* PowerPointⓇ presentation
 | Reviews* Pages 277–78
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 150 Fact Families for 13, 14; Missing Addend  |
| Teacher Edition642–45Worktext291–92 | 150.1 Separate a set to demonstrate subtraction from 13 and 14.150.2 Write addition and subtraction equations for fact families for 13 and 14.150.3 Complete missing addend equations for word problems. | Student Manipulatives Packet* Ten Bar Mat

BJU Press Trove* PowerPointⓇ presentation
 | Reviews* Pages 279–80
 |
| Lesson 151 Fact Families for 15, 16 |
| Teacher Edition646–49Worktext293–94 | 151.1 Separate a set to demonstrate subtraction from 15.151.2 Write addition and subtraction equations for fact families for 15 and 16.151.3 Solve a word problem by using the Problem-Solving Plan. | Student Manipulatives Packet* Counters: 4 ducks
* Ten Bar Mat

BJU Press Trove* PowerPointⓇ presentation
 | Reviews* Pages 281–82
 |
| Lesson 152 Fact Families for 17, 18; Multistep Problems |
| Teacher Edition650–53Worktext295–96 | 152.1 Write addition and subtraction equations for fact families for 17 and 18.152.2 Solve a multistep word problem. | Visuals* Counters: 8 ducks

Student Manipulatives Packet* Number Cards: 0–9
* Red Mat
* Counters: 8 ducks

BJU Press Trove* Games/Enrichment: Addition Flashcards (facts to 12)
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 283–84
 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 153 Chapter 18 Review |
| Teacher Edition654–57Worktext297–98 | 153.1 Recall concepts and terms from Chapter 18. | Teacher Edition* Instructional Aid 44: Ten Bar

Student Manipulatives Packet* Ten Bar Mat

BJU Press Trove* Web Link: Virtual Manipulatives: Number Frames
* Web Link: Virtual Manipulatives: UNIFIXⓇ Cubes
* Web Link: Virtual Manipulatives: Base Ten Number Pieces
* PowerPointⓇ presentation
 | Worktext* Chapter 18 Review

Reviews* Pages 285–86
 |
| Lesson 154 Test, Cumulative Review |
| Teacher Edition658–60Worktext299 | 154.1 Demonstrate knowledge of concepts from Chapter 18 by taking the test. |  | Assessments* Chapter 18 Test

Worktext* Cumulative Review

Reviews* Pages 287–88
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chapter 19: write equations with coins

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| Pages | Objectives | Resources | Assessments |
| Lesson 155 Counting Pennies with a Quarter |
| Teacher Edition665–69Worktext300–302 | 155.1 Determine the value of a set of dimes, nickels, and pennies by **counting on**.155.2 Determine the value of a set of 1 quarter and pennies by **counting on**.155.3 Determine whether there is enough money to purchase an item.155.4 Identify the coins needed to purchase an item.155.5 Explain that counting pennies with a quarter helps us explore the world by counting more quickly.  BWS Exploring (explain) | Teacher Edition* Instructional Aid 9: Price Tags
* Instructional Aid 45: Coin Purse Mat

Visuals* Visual 14: Money
* Money Kit: 9 pennies, 5 nickels, 5 dimes, 1 quarter

Student Manipulatives Packet* Number Cards: 0–20
* Money Kit: 1 quarter, 3 dimes, 5 nickels, 7 pennies

BJU Press Trove\** Video: Ch 19 Intro
* Web Link: Virtual Manipulatives: Analog Clock
* Web Link: Learning Coins
* Web Link: Virtual Manipulatives: Money Pieces
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 289–90
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources & Materials | Assessments |

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| Lesson 156 Counting Nickels with a Quarter |
| Teacher Edition670–73Worktext303–4 | 156.1 Determine the value of a set of dimes, nickels, and pennies.156.2 Determine the value of a set of 1 quarter and nickels.156.3 Identify the coins needed to purchase an item.156.4 Solve money word problems. | Teacher Edition* Instructional Aid 45: Coin Purse Mat

Visuals* Visual 1: Hundred Chart
* Visual 14: Money
* Money Kit: 2 quarters, 8 dimes, 5 nickels, 6 pennies

Student Manipulatives Packet* Number Cards: 0–20
* Money Kit: 2 quarters, 8 dimes, 5 nickels, 6 pennies

BJU Press Trove* Video: Nickels with Quarter
* Web Link: Learning Coins
* Web Link: Virtual Manipulatives: Money Pieces
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 291–92
 |
| Lesson 157 Counting Dimes with a Quarter |
| Teacher Edition674–77Worktext305–6 | 157.1 Determine the value of a set of dimes, nickels, and pennies up to 99¢.157.2 Determine the value of a set of 1 quarter and dimes.157.3 Identify the coins needed to purchase an item.157.4 Solve money word problems. | Teacher Edition* Instructional Aid 45: Coin Purse Mat

Visuals* Visual 1: Hundred Chart
* Money Kit: 1 quarter, 6 dimes, 4 nickels, 7 pennies

Student Manipulatives Packet* Number Cards: 0–20
* Money Kit: 1 quarter, 4 dimes, 4 nickels, 5 pennies

BJU Press Trove* Video: Dimes with Quarter
* Web Link: Learning Coins
* Web Link: Virtual Manipulatives: Money Pieces
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 293–94
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| Pages | Objectives | Resources & Materials | Assessments |

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| Lesson 158 Counting with 2 Quarters |
| Teacher Edition678–81Worktext307–8 | 158.1 Determine the value of a set of 1 quarter and pennies and a set of 2 quarters and pennies.158.2 Determine the value of a set of 1 quarter and nickels and a set of 2 quarters and nickels.158.3 Determine the value of a set of 1 quarter and dimes and a set of 2 quarters and dimes.158.4 Identify the coins needed to purchase an item.158.5 Solve money word problems.158.6 Express praise to God for a world where math works so well. BWS Exploring (formulate) | Teacher Edition* Instructional Aid 45: Coin Purse Mat

Visuals* Money Kit: 2 quarters, 4 dimes, 6 nickels, 10 pennies

Student Manipulatives Packet* DQ Clock
* Number Cards: 0–20
* Money Kit: 2 quarters, 4 dimes, 4 nickels, 10 pennies

BJU Press Trove* Web Link: Learning Coins
* Web Link: Virtual Manipulatives: Money Pieces
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 295–96
 |
| Lesson 159 Equal Sets |
| Teacher Edition682–85Worktext309–10 | 159.1 Identify the number of sets and the number of objects in each set.159.2 Count by 2s, 3s, or 5s to find the total.159.3 Make equal sets. | Teacher Edition* Instructional Aid 46: Repeated Addition Mat

Visuals* Money Kit: 20 pennies

Student Manipulatives Packet* Money Kit: 20 pennies

BJU Press Trove* PowerPointⓇ presentation
 | Reviews* Pages 297–98
 |
| Lesson 160 Repeated Addition |
| Teacher Edition686–89Worktext311–12 | 160.1 Identify the number of sets and the number of objects in each set.160.2 Count by 2s, 3s, and 5s to find the total.160.3 Make equal sets.160.4 Complete a repeated addition problem.160.5 Write a repeated addition equation for a word problem. | Teacher Edition* Instructional Aid 46: Repeated Addition Mat

Visuals* Counters: 20 cars

Student Manipulatives Packet* Counters: 20 cars

BJU Press Trove* PowerPointⓇ presentation
 | Reviews* Pages 299–300
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| Pages | Objectives | Resources & Materials | Assessments |

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| Lessons 161–62 Writing Repeated Addition Equations |
| Teacher Edition690–93Worktext313–14 | 161–62.1 Identify the number of sets and the number of objects in each set.161–62.2 Count by 2s, 3s, and 5s to find the total.161–62.3 Write a repeated addition equation for sets of objects.161–62.4 Write a repeated addition equation for a word problem. | Visuals* Counters: 20 candies

BJU Press Trove* PowerPointⓇ presentation
 | Reviews* Pages 301–2
 |
| Lesson 163 Chapter 19 Review |
| Teacher Edition694–697Worktext315–16 | 163.1 Recall concepts and terms from Chapter 19. | Teacher Edition* Instructional Aid 45: Coin Purse Mat

Visuals* Money Kit: 2 quarters, 7 dimes, 7 nickels, 5 pennies

Student Manipulatives Packet* Money Kit: 2 quarters, 7 dimes, 7 nickels, 5 pennies

BJU Press Trove* Web Link: Virtual Manipulatives: Money Pieces
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Worktext* Chapter 19 Review

Reviews* Pages 303–4
 |
| Lesson 164 Test, Cumulative Review |
| Teacher Edition698–700Worktext317 | 164.1 Demonstrate knowledge of concepts from Chapter 19 by taking the test. |  | Assessments* Chapter 19 Test

Worktext * Cumulative Review

Reviews* Pages 305–6
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chapter 20: TIME & CALENDAR

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 165 Time to the Hour & Half-Hour |
| Teacher Edition703–7Worktext318–20 | 165.1 Distinguish the parts of an analog clock.165.2 Identify 1 hour as 60 minutes and a half-hour as 30 minutes.165.3 Write time to the hour and the half-hour.165.4 Demonstrate time to the hour and the half-hour on a clock.165.5 Draw hands on a clock to show time to the hour and the half-hour.165.6 Explain how telling time to the half-hour can be used to care for others. BWS Caring (explain) | Visuals* Visual 1: Hundred Chart

Student Manipulatives Packet* DQ Clock
* Number Cards: 0–20

BJU Press Trove\** Video: Ch 20 Intro
* Web Link: Virtual Manipulatives: Analog Clock
* Web Link: Learn to Tell Time
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 307–8
 |
| Lessons 166–67 Time to 5 Minutes |
| Teacher Edition708–11Worktext321–22 | 166–67.1 Determine the minutes in 1 hour or a half-hour by counting by 5s.166–67.2 Tell time to the nearest 5-minute interval.166–67.3 Demonstrate time to the nearest 5-minute interval. | Teacher Edition* Instructional Aid 1: Bar Graph

Student Manipulatives Packet* DQ Clock
* Number Cards: 0–20

BJU Press Trove* Web Link: Virtual Manipulatives: Analog Clock
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 309–10
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| Pages | Objectives | Resources & Materials | Assessments |
| Lessons 168–69 Using a Schedule |
| Teacher Edition712–15Worktext323–24 | 168–69.1 Write time to the nearest 5-minute interval.168–69.2 Determine the elapsed time.168–69.3 Read a table to use a schedule.168–69.4 Use a schedule to care for others. **BWS** Caring (apply) | Teacher Edition* Instructional Aid 47: School Schedule

Visuals* Visual 1: Hundred Chart

Student Manipulatives Packet* Number Cards: 0–20
* DQ Clock

BJU Press Trove* Video: Time Passed
* Web Link: Virtual Manipulatives: Analog Clock
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 311–12
 |
| Lesson 170 Using Calendars |
| Teacher Edition716–19Worktext325–26 | 170.1 Name the days of the week and the months of the year in order.170.2 Name the day of the week or the month of the year that comes next.170.3 Read a calendar.  | Teacher Edition* Song: “Days of the Week”
* Song: “There Are Twelve Months”
* Instructional Aid 2: Hundred Chart
* Instructional Aid 12: Days of the Week Cards
* Instructional Aid 13: Months of the Year Cards

Visuals* Visual 1: Hundred Chart
* Visual 16: 12-Month Calendar

Student Manipulatives Packet* Number Cards: 0–20

BJU Press Trove* Web Link: Calendar Quiz
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Reviews* Pages 313–14
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 171 Chapter 20 Review |
| Teacher Edition720–23Worktext327–28 | 171.1 Recall concepts and terms from Chapter 20.  | Teacher Edition* Instructional Aid 2: Hundred Chart
* Instructional Aid 47: School Schedule
* Instructional Aid 12: Days of the Week Cards
* Instructional Aid 13: Months of the Year Cards

Visuals* Visual 1: Hundred Chart

Student Manipulatives Packet* Number Cards: 0–20

BJU Press Trove* Web Link: Virtual Manipulatives: Analog Clock
* Web Link: Learn to Tell Time
* Web Link: Calendar Quiz
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Subtraction Flashcards
* PowerPointⓇ presentation
 | Worktext* Chapter 20 Review

Reviews* Pages 315–16
 |
| Lesson 172 Test, Cumulative Review |
| Teacher Edition724–26Worktext329 | 172.1 Demonstrate knowledge of concepts from Chapter 20 by taking the test.  |  | Assessments* Chapter 20 Test

Worktext* Cumulative Review

Reviews* Pages 317–18
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chapter 21: ADDITION WITH Three-DIGIT NUMBERS

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| Pages | Objectives | Resources | Assessments |
| Lesson 173 Adding Hundreds |
| Teacher Edition731–35Worktext330–32 | 173.1 Add 3-digit numbers by using manipulatives.173.2 Write an addition or subtraction equation for a word problem.173.3 Explain how writing an addition or subtraction equation helps people do work. BWS Working (explain) | Visuals* Visual 21: Problem-Solving Plan
* Place Value Kit: hundreds, tens, ones

Student Manipulatives Packet* Hundreds/Tens/Ones Mat
* Place Value Kit: hundreds, tens, ones

BJU Press Trove\** Video: Ch 21 Intro
* Web Link: Virtual Manipulatives: Base Ten Number Pieces
* Games/Enrichment: Fact Reviews (Addition Facts to 18)
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Subtraction Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 319–20
 |
| Lesson 174 Practicing Adding Hundreds |
| Teacher Edition736–39Worktext333–34 | 174.1 Add 3-digit numbers with and without manipulatives.174.2 Write an addition or subtraction equation for a word problem. | Visuals* Visual 21: Problem-Solving Plan
* Place Value Kit: hundreds, tens, ones

Student Manipulatives Packet* Hundreds/Tens/Ones Mat
* Place Value Kit: hundreds, tens, ones

BJU Press Trove* Web Link: Virtual Manipulatives: Base Ten Number Pieces
* Games/Enrichment: Fact Reviews (Addition Facts to 18)
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Subtraction Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 321–22
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\*Digital resources for homeschool users are available on Homeschool Hub.

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| Lesson 175 Problem Solving |
| Teacher Edition740–43Worktext335–36 | 175.1 Add 3-digit numbers.175.2 Solve addition and subtraction problems by using the Problem-Solving Plan.175.3 Use an addition or subtraction equation to do work. BWS Working (apply) | Visuals* Visual 21: Problem-Solving Plan
* Place Value Kit: hundreds, tens, ones

Student Manipulatives Packet* Hundreds/Tens/Ones Mat
* Place Value Kit: hundreds, tens, ones

BJU Press Trove* Web Link: Virtual Manipulatives: Base Ten Number Pieces
* Games/Enrichment: Fact Reviews (Subtraction Facts to 18)
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Subtraction Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Reviews* Pages 323–24
 |
| Lesson 176 Renaming 10 Ones |
| Teacher Edition744–47Worktext337–38 | 176.1 Rename 10 ones as 1 ten by using manipulatives.176.2 Add 3-digit numbers with and without renaming. | Visuals* Place Value Kit: hundreds, tens, ones

Student Manipulatives Packet* Hundreds/Tens/Ones Mat
* Place Value Kit: hundreds, tens, ones

BJU Press Trove* Web Link: Virtual Manipulatives: Base Ten Number Pieces
* PowerPointⓇ presentation
 | Reviews* Pages 325–26
 |
| Lessons 177–78 Adding Hundreds with Renaming |
| Teacher Edition748–51Worktext339–40 | 177–78.1 Add 3-digit numbers with and without renaming.177–78.2 Solve a word problem by writing an addition equation. | Visuals* Visual 21: Problem-Solving Plan
* Place Value Kit: hundreds, tens, ones

Student Manipulatives Packet* Hundreds/Tens/Ones Mat
* Place Value Kit: hundreds, tens, ones

BJU Press Trove* Web Link: Virtual Manipulatives: Base Ten Number Pieces
* PowerPointⓇ presentation
 | Reviews* Pages 327–28
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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 179 Chapter 21 Review |
| Teacher Edition752–55Worktext341–42 | 179.1 Recall concepts and terms from Chapter 21. | Teacher Edition* Instructional Aid 2: Hundred Chart

Visuals* Visual 1: Hundred Chart

Student Manipulatives Packet* Hundreds/Tens/Ones Mat
* Place Value Kit: hundreds, tens, ones

BJU Press Trove* Games/Enrichment: Fact Reviews (Subtraction Facts to 18)
* Games/Enrichment: Addition Flashcards
* Games/Enrichment: Subtraction Flashcards
* Games/Enrichment: Fact Fun Activities
* PowerPointⓇ presentation
 | Worktext* Chapter 21 Review

Reviews* Pages 329–30
 |
| Lesson 180 Test, Cumulative Review |
| Teacher Edition756–59Worktext343–44 | 180.1 Demonstrate knowledge of concepts from Chapter 21 by taking the test. |  | Assessments* Chapter 21 Test

Worktext* Cumulative Review

Reviews* Pages 331–32
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