Math 3, 4th Edition
Lesson Plan Overview

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| Lesson | Worktext Pages | ReviewsPages | Lesson Objectives |
| Chapter 1 • Addition & Subtraction Facts |
| 1 | **1–2** |  | * Identify instances of addition in the story
* Solve addition problems in the story
* Explain the biblical worldview truth that math helps people work by accomplishing a task
 |
| 2 | **3–4** | **1–2** | * Use the counting-on strategies and the Identity Property to solve addition facts
* Compose 10 on the Ten Frame and on the number line
* Apply the doubles strategy to find the sums of double and near-double facts
* Apply the make-10 strategy for a sum of more than 10
 |
| 3 | **5–6** | **3–4** | * Use the counting-back strategies and the Zero Property of Subtraction to solve subtraction facts
* Interpret the results of subtracting all and subtracting nearly all
* Subtract from 10
* Subtract back to 10, and then subtract the remaining part
* Explain the biblical worldview truth that math helps people work by accomplishing a task
 |
| 4 | **7–8** | **5–6** | * Apply the Associative Property of Addition to solve 3-addend problems
* Solve 3- and 4-addend problems using addition strategies
* Explain the biblical worldview truth that math helps people work by accomplishing a task
 |
| 5 | **9–10** | **7–8** | * Apply the Commutative Property of Addition
* Relate addition and subtraction using fact families
* Complete a missing-addend equation with a variable
* Solve a missing-addend word problem and interpret the solution
 |
| 6 | **11–12** | **9–10** | * Relate addition and subtraction using fact families
* Complete a missing-addend equation with a variable
* Solve a missing-addend word problem using a related fact
* Explain the biblical worldview truth that math helps people work by accomplishing a task
 |
| 7 | **13–14** | **11–12** | * Relate addition and subtraction using fact families
* Check addition using a related subtraction fact
* Solve a word problem and interpret the solution
* Solve a missing-addend word problem with a variable
 |
| 8 | **15–16** | **13–14** | * Review the concepts presented in Chapter 1 in preparation for the Chapter 1 Test
* Explain the biblical worldview truth that math helps people work by accomplishing a task
 |
| 9 |  | **15–16** | **Concept Review** |
| Chapter 2 • Place Value to 1,000,000 |
| 10 | **17–20** | **17–18** | * Identify numbers as even or odd
* Read and write 3-digit numbers in standard and expanded form
* Identify the number that is 1 more or 1 less, 10 more or 10 less, or 100 more or 100 less than a given number
* Connect math to the biblical worldview truth that things that are designed are things that are planned
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| 11 | **21–22** | **19–20** | * Identify 10 hundreds as 1 one thousand
* Identify the value of a digit in a 4-digit number
* Read and write 4-digit numbers in standard and expanded form
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| Lesson | Worktext Pages | ReviewsPages | Lesson Objectives |
| 12 | **23–24** | **21–22** | * Round numbers to the nearest ten, hundred, or one thousand
* Connect math to the biblical worldview truth that things that are designed are things that are planned
 |
| 13 | **25–26** | **23–24** | * Count on by 10s and 100s from any number
* Identify 10 one thousands as 1 ten thousand
* Read and write 5-digit numbers in standard and expanded form
* Compare 4- and 5-digit numbers using >, <, or =
 |
| 14 | **27–28** | **25–26** | * Identify 10 ten thousands as 1 hundred thousand and 10 hundred thousands as 1 million
* Read and write 6-digit numbers in standard and expanded form
* Compare 6-digit numbers using >, <, or =
* Order 4-digit numbers from least to greatest
* Connect math to the biblical worldview truth that things that are designed are things that are planned
 |
| 15 | **29–30** | **27–28** | * Write Roman numerals 1–12
* Identify a number’s ordinal position
* Solve a word problem with ordinal numbers
 |
| 16 | **31–32** | **29–30** | * Review the concepts presented in Chapter 2 in preparation for the Chapter 2 Test
* Connect math to the biblical worldview truth that things that are designed are things that are planned
 |
| 17 |  | **31–32** | **Concept Review** |
| Chapter 3 • Addition & Subtraction: 2- & 3-Digit Numbers |
| 18 | **33–36** | **33–34** | * Add 2- and 3-digit numbers without renaming
* Estimate the sum of an addition problem by rounding to the nearest ten or the nearest hundred
* Write an equation for a word problem
* Connect math to the biblical worldview truth that people are made in the image of God
 |
| 19 | **37–38** | **35–36** | * Rename 10 ones as 1 ten or 10 tens as 1 hundred
* Add 2- and 3-digit numbers, renaming 10 ones as 1 ten or 10 tens as 1 hundred
 |
| 20 | **39–40** | **37–38** | * Compare 2- and 3-digit numbers using >, <, or =
* Add 2- and 3-digit numbers, renaming 10 ones as 1 ten or 10 tens as 1 hundred
* Solve a 2- or 3-digit addition word problem and interpret the solution
* Connect math to the biblical worldview truth that people are made in the image of God
 |
| 21 | **41–42** | **39–40** | * Order 2- and 3-digit numbers from least to greatest
* Add 2- and 3-digit numbers with renaming
* Add 2- and 3-digit numbers with 3 addends
* Solve a word problem with 3 addends and interpret the solution
 |
| 22 | **43–44** | **41–42** | * Subtract 2- and 3-digit numbers without renaming
* Estimate the difference of a subtraction problem by rounding to the nearest ten or the nearest hundred
* Subtract 2- and 3-digit numbers, renaming 1 ten as 10 ones
* Solve a subtraction word problem and interpret the solution
 |
| 23 | **45–46** | **43–44** | * Rename 1 ten as 10 ones or 1 hundred as 10 tens
* Subtract 2- and 3-digit numbers, renaming 1 ten as 10 ones or 1 hundred as 10 tens
 |
| 24 | **47–48** | **45–46** | * Subtract 2- and 3-digit numbers, renaming 1 ten as 10 ones or 1 hundred as 10 tens
* Solve a subtraction word problem and interpret the solution
* Connect math to the biblical worldview truth that people are made in the image of God
 |
| 25 | **49–50** | **47–48** | * Subtract 2- and 3-digit numbers with renaming
* Check a subtraction problem using addition
* Solve a multi-step word problem and interpret the solution
 |
| 26 | **51–52** | **49–50** | * Review the concepts presented in Chapter 3 in preparation for the Chapter 3 Test
* Connect math to the biblical worldview truth that people are made in the image of God
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| 27 |  | **51–52** | **Concept Review** |
| Lesson | Worktext Pages | ReviewsPages | Lesson Objectives |
| Chapter 4 • Data |
| 28 | **53–56** | **53–54** | * Read and interpret a chart
* Complete a table
* Solve a word problem using a chart and a table and interpret the solution
* Recall the biblical worldview truth that math is limited
 |
| 29 | **57–58** | **55–56** | * Read a tally chart and compare the data
* Read a picture graph and compare the data
* Write an equation to compare data on a picture graph
 |
| 30 | **59–60** | **57–58** | * Collect data for a tally chart
* Create a line plot and a bar graph from a tally chart
* Read and interpret a line plot and a bar graph
* Compare a bar graph to a line plot and a tally chart
 |
| 31 | **61–62** | **59–60** | * Create a scaled bar graph and compare the data
* Read a scaled bar graph
* Write an equation to compare data on a bar graph
 |
| 32 | **63–64** | **61–62** | * Write ordered pairs to identify points on a coordinate graph
* Locate coordinate points on a coordinate graph
* Create a coordinate graph
* Recall the biblical worldview truth that math is limited
 |
| 33 | **65–66** | **63–64** | * Read and interpret a circle graph
* Locate coordinate points on a coordinate graph
* Write ordered pairs to identify points on a coordinate graph
* Explain the biblical worldview truth that math is limited
 |
| 34 | **67–68** | **65–66** | * Review the concepts presented in Chapter 4 in preparation for the Chapter 4 Test
* Apply the biblical worldview truth that math is limited
 |
| 35 |  | **67–68** | **Concept Review** |
| Chapter 5 • Addition & Subtraction: 4- & 5-Digit Numbers |
| 36 | **69–72** | **69–70** | * Rename 10 hundreds as 1 one thousand
* Add 4-digit numbers, renaming 10 hundreds as 1 one thousand
* Estimate the sum by rounding to the nearest one thousand
* Solve a word problem and interpret the solution
* Connect addition and subtraction to the biblical worldview truth that math is a powerful tool to help people work
 |
| 37 | **73–74** | **71–72** | * Add 4-digit numbers, renaming hundreds, tens, or ones
* Estimate the sum by rounding to the nearest one thousand
* Round 3- and 4-digit numbers to the nearest ten and the nearest hundred
* Solve a word problem and interpret the solution
 |
| 38 | **75–76** | **73–74** | * Compare 3- and 4-digit numbers using >, <, or =
* Add 4-digit numbers, renaming hundreds, tens, and ones
* Solve a word problem and interpret the solution
 |
| 39 | **77–78** | **75–76** | * Order 3- and 4-digit numbers from least to greatest
* Add 4- and 5-digit numbers with renaming
* Solve addition problems with 3 addends
* Connect addition and subtraction to the biblical worldview truth that math is a powerful tool to help people work
 |
| 40 | **79–80** | **77–78** | * Rename 1 one thousand as 10 hundreds
* Subtract 4-digit numbers, renaming 1 one thousand as 10 hundreds
* Estimate the difference by rounding to the nearest one thousand
* Read a bar graph and compare the data
 |
| 41 | **81–82** | **79–80** | * Subtract 4-digit numbers with renaming
* Estimate the difference by rounding to the nearest one thousand, hundred, or ten
* Solve a multi-step word problem and interpret the solution
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| Lesson | Worktext Pages | ReviewsPages | Lesson Objectives |
| 42 | **83–84** | **81–82** | * Subtract 4- and 5-digit numbers with renaming
* Check a subtraction problem with addition
* Solve a missing-addend word problem with a variable
 |
| 43 | **85–86** | **83–84** | * Subtract 4- and 5-digit numbers with renaming
* Check a subtraction problem with addition
* Subtract 3- and 4-digit numbers with zeros in the Tens and Ones places
* Solve a word problem with a variable and interpret the solution
* Connect addition and subtraction to the biblical worldview truth that math is a powerful tool to help people work
 |
| 44 | **87–88** | **85–86** | * Subtract 3- and 4-digit numbers with zeros in the Tens and Ones places
* Check a subtraction problem with addition
* Subtract 4-digit numbers with zeros in the Hundreds, Tens, and Ones places
* Solve a multi-step word problem and interpret the solution
 |
| 45 | **89–90** | **87–88** | * Review the concepts presented in Chapter 5 in preparation for the Chapter 5 Test
* Connect addition and subtraction to the biblical worldview truth that math is a powerful tool to help people work
 |
| 46 |  | **89–90** | **Concept Review** |
| Chapter 6 • Multiplication Facts to 5 |
| 47 | **91–94** | **91–92** | * Write and solve a repeated-addition equation for a picture
* Write and solve a multiplication equation for equal sets of pictures
* Interpret the function of each factor by picturing a multiplication equation
* Solve a multiplication word problem and interpret the solution
* Recall the biblical worldview truth that the patterns multiplication represents show the world is designed
 |
| 48 | **95–96** | **93–94** | * Apply the Commutative Property of Multiplication
* Complete a multiplication equation with 2 as a factor, using skip counting and the doubles strategy
* Complete a multiplication equation with 5 as a factor, using skip counting
* Solve a multiplication problem and interpret the solution
 |
| 49 | **97–98** | **95–96** | * Use skip counting and a number line to solve a multiplication equation with 3 as a factor
* Use an array to solve a multiplication equation with 3 as a factor
* Apply the Commutative Property of Multiplication
* Solve a multiplication word problem and interpret the solution
* Recall the biblical worldview truth that the patterns multiplication represents show the world is designed
 |
| 50 | **99–100** | **97–98** | * Use skip counting and a number line to solve a multiplication equation with 4 as a factor
* Use an array to solve a multiplication equation with 4 as a factor
* Picture and solve a related multiplication fact
* Solve a multiplication word problem and interpret the solution
 |
| 51 | **101–2** | **99–100** | * Apply the Commutative Property of Multiplication
* Picture and solve a multiplication equation with 3 or 4 as a factor
* Complete a missing-factor equation with a variable
* Solve a multiplication word problem and interpret the solution
 |
| 52 | **103–4** | **101–2** | * Solve a multiplication equation with 1 or 0 as a factor
* Define and apply the Identity Property of Multiplication
* Define and apply the Zero Property of Multiplication
* Create an array to picture a multiplication equation
* Solve a multiplication word problem and interpret the solution
* Explain the biblical worldview truth that the patterns multiplication represents show the world is designed
 |
| 53 | **105–6** | **103–4** | * Review the concepts presented in Chapter 6 in preparation for the Chapter 6 Test
* Recall the biblical worldview truth that the patterns multiplication represents show the world is designed
 |
| 54 |  | **105–6** | **Concept Review** |
| Lesson | Worktext Pages | ReviewsPages | Lesson Objectives |
| Chapter 7 • Division Facts to 5 |
| 55 | **107–10** | **107–8** | * Review multiplication and its relationship to addition
* Divide a set of objects into equal sets
* Relate division to repeated subtraction, using a number line
* Recall the biblical worldview truth that using math helps meet people’s needs
 |
| 56 | **111–12** | **109–10** | * Identify the dividend, divisor, and quotient in a division equation
* Divide a set of objects into sets of 2, using strategies
* Relate division to multiplication
 |
| 57 | **113–14** | **111–12** | * Divide a set of objects into sets of 5, using strategies
* Complete a missing-factor equation to find a quotient
* Solve a division word problem and interpret the solution
 |
| 58 | **115–16** | **113–14** | * Divide a set of objects into sets of 3, using strategies
* Complete a division equation using the division sign and a division frame
* Write related division and multiplication equations for a picture
* Solve a word problem and interpret the solution
* Explain the biblical worldview truth that using division helps meet people’s needs
 |
| 59 | **117–18** | **115–16** | * Divide a set of objects into sets of 4, using strategies
* Write a related multiplication fact to find a quotient
* Write related division and multiplication equations for a picture
* Solve a word problem and interpret the solution
 |
| 60 | **119–20** | **117–18** | * Divide a set of objects into sets of 1, using strategies
* Check a division fact with multiplication
* Solve a word problem and interpret the solution
 |
| 61 | **121–22** | **119–20** | * Divide a set of objects into equal sets, using pictures and bar models
* Complete a division fact with zero as the dividend
* Write related division and multiplication equations for a picture
* Apply the biblical worldview truth that using division helps meet people’s needs
 |
| 62 | **123–24** | **121–22** | * Review the concepts presented in Chapter 7 in preparation for the Chapter 7 Test
* Recall the biblical worldview truth that using division helps meet people’s needs
 |
| 63 |  | **123–24** | **Concept Review** |
| Chapter 8 • Time & Calendars |
| 64 | **125–28** | **125–26** | * Tell, write, and show time to the 5-minute interval
* Tell, write, and show time to the quarter-hour
* Write numerical equivalents for the hour, half-hour, and quarter-hour
* Recall the biblical worldview truth that math does not tell us where the world came from
 |
| 65 | **129–30** | **127–28** | * Differentiate between a.m. and p.m. and between midnight and noon
* Tell time using before or after
* Tell, write, and show time to the 1-minute interval
* Determine the elapsed time to the hour
 |
| 66 | **131–32** | **129–30** | * Differentiate between a.m. and p.m. and between midnight and noon
* Tell, write, and show time to the 1-minute interval
* Tell and write time using before or after
* Determine the elapsed time to the half-hour and 5-minute interval
* Solve elapsed-time word problems
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| Lesson | Worktext Pages | ReviewsPages | Lesson Objectives |
| 67 | **133–34** | **131–32** | * Name the months of the year in order
* Identify the position of a day or month
* Read a calendar and write a calendar date in word form and number form
* Recall the biblical worldview truth that math does not tell us where the world came from
 |
| 68 | **135–36** | **133–34** | * Determine the elapsed time to the 5-minute interval
* Determine the future elapsed time
* Determine the future elapsed date
* Solve elapsed-time word problems
 |
| 69 | **137–38** | **135–36** | * Tell, write, and show time to the 1-minute interval
* Determine the elapsed or future elapsed time
* Determine the elapsed or future elapsed date
* Solve elapsed-time word problems and interpret the solution
* Explain the biblical worldview truth that math does not tell us where the world came from
 |
| 70 | **139–40** | **137–38** | * Review the concepts presented in Chapter 8 in preparation for the Chapter 8 Test
* Apply the biblical worldview truth that math does not tell us where the world came from
 |
| 71 |  | **139–40** | **Concept Review** |
| Chapter 9 • Customary Measurement |
| 72 | **141–44** | **141–42** | * Estimate the weight of an object using ounces or pounds
* Compare weight using >, <, or =
* Solve a measurement word problem and interpret the solution
* Recall the biblical worldview truth that math helps save people’s lives
 |
| 73 | **145–46** | **143–44** | * Recognize cups, pints, quarts, and gallons as units of measurement of capacity
* Determine the appropriate unit of capacity
* Estimate and measure the capacity of an object
* Compare capacity using >, <, or =
* Solve a capacity word problem and interpret the solution
 |
| 74 | **147–48** | **145–46** | * Recognize inches and feet as standard units of measurement
* Draw a line to the nearest inch or half-inch
* Estimate and measure length, height, or distance to the nearest foot, inch, or half-inch
* Compare lengths using >, <, or =
* Recall the biblical worldview truth that math helps save people’s lives
 |
| 75 | **149–50** | **147–48** | * Determine the best measurement: inches, feet, or yards
* Estimate and measure length or height to the nearest inch, foot, or yard
* Recognize the mile as a standard unit of measurement for distance
* Use a map key to determine distance
* Recall the biblical worldview truth that math helps save people’s lives
 |
| 76 | **151–52** | **149–50** | * Read a thermometer and write the temperature to the 1-degree interval
* Match outdoor activities to Fahrenheit temperatures
* Identify standard Fahrenheit temperatures
 |
| 77 | **153–54** | **151–52** | * Review the concepts presented in Chapter 9 in preparation for the Chapter 9 Test
* Apply the biblical worldview truth that math helps save people’s lives
 |
| 78 |  | **153–54** | **Concept Review** |

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| Lesson | Worktext Pages | ReviewsPages | Lesson Objectives |
| Chapter 10 • Fractions |
| 79 | **155–58** | **155–56** | * Identify and name the number of equal parts in the whole
* Write the fraction that names the part of the whole
* Identify and relate the terms numerator and denominator to their meanings
* Color the part of the shape that illustrates the fraction
* Explain the biblical worldview truth that math does not tell us what is wrong
 |
| 80 | **159–60** | **157–58** | * Identify and represent a fraction on a number line
* Compare fractions with the same denominator using > or <
* Order fractions with the same denominator from least to greatest
* Picture the whole when the part is known
 |
| 81 | **161–62** | **159–60** | * Order fractions with the same denominator from least to greatest
* Recognize and write equivalent fractions
* Compare fractions with the same denominator or the same numerator using >, <, or =
* Solve a fraction word problem and interpret the solution
 |
| 82 | **163–64** | **161–62** | * Identify and read a mixed number
* Write a mixed number for a picture representation
* Compare mixed numbers using >, <, or =
* Express whole numbers as fractions and fractions as whole numbers
* Solve a fraction word problem and interpret the solution
* Recall the biblical worldview truth that math does not tell us what is wrong
 |
| 83 | **165–66** | **163–64** | * Identify and write equivalent fractions
* Compare fractions and mixed numbers using >, <, or =
* Represent a mixed number
* Solve a fraction word problem and interpret the solution
 |
| 84 | **167–68** | **165–66** | * Identify part of a set and explain how the terms numerator and denominator relate to a set
* Write the fraction that names part of a set
* Represent the fraction that names part of a set
* Solve a fraction word problem and interpret the solution
 |
| 85 | **169–70** | **167–68** | * Write the fraction that names part of a set
* Determine the fraction of a set
* Represent the fraction that names part of a set
* Write a division equation to determine the fraction of a set
* Picture the whole set when part of the set is known
* Explain the biblical worldview truth that math does not tell us what is wrong
 |
| 86 | **171–72** | **169–70** | * Add like fractions
* Subtract like fractions
* Solve a fraction word problem and interpret the solution
 |
| 87 | **173–74** | **171–72** | * Review the concepts presented in Chapter 10 in preparation for the Chapter 10 Test
* Apply the biblical worldview truth that math does not tell us what is wrong
 |
| 88 |  | **173–74** | **Concept Review** |
| Chapter 11 • Multiplication Facts to 10 |
| 89 | **175–78** | **175–76** | * Solve multiplication facts with 0–5 as factors
* Apply the Commutative, Zero, and Identity Properties of Multiplication
* Solve a multiplication fact with 10 as a factor
* Color an array to solve a word problem
* Recall the biblical worldview truth that God made us to work
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| Lesson | Worktext Pages | ReviewsPages | Lesson Objectives |
| 90 | **179–80** | **177–78** | * Use strategies to solve a multiplication fact with 6 as a factor
* Use the doubles strategy to solve a multiplication fact
* Solve a word problem and interpret the solution
* Write a word problem for a multiplication equation
 |
| 91 | **181–82** | **179–80** | * Use strategies to solve a multiplication fact with 7 as a factor
* Apply the Commutative Property of Multiplication
* Complete a missing-factor equation
* Solve a multi-step word problem and interpret the solution
 |
| 92 | **183–84** | **181–82** | * Use strategies to solve a multiplication fact with 6 or 7 as a factor
* Apply the Commutative Property of Multiplication
* Solve a multi-step word problem and interpret the solution
* Write a word problem for a multiplication equation
* Apply the biblical worldview truth that God made us to work
 |
| 93 | **185–86** | **183–84** | * Use strategies to solve multiplication facts with 8 as a factor
* Use the doubles strategy to solve a multiplication fact
* Complete a missing-factor equation
* Identify word problems with too little information
 |
| 94 | **187–88** | **185–86** | * Use strategies to solve multiplication facts with 9 as a factor
* Use a fact with 10 as a factor to solve a fact with 9 as a factor
* Apply the Commutative Property of Multiplication
* Solve a word problem and interpret the solution
* Write a word problem for a multiplication equation
 |
| 95 | **189–90** | **187–88** | * Use strategies to solve multiplication facts with 8, 9, or 10 as a factor
* Solve a multi-step word problem and interpret the solution
* Identify a word problem with too little information
* Explain the biblical worldview truth that God made us to work
 |
| 96 | **191–92** | **189–90** | * Apply the Associative Property of Multiplication to solve multiplication facts
* Solve a multiplication equation with 3 factors
* Solve a word problem and interpret the solution
 |
| 97 | **193–94** | **191–92** | * Use logic to extend a number sequence
* Identify and represent square numbers
 |
| 98 | **195–96** | **193–94** | * Review the concepts presented in Chapter 11 in preparation for the Chapter 11 Test
* Explain the biblical worldview truth that God made us to work
 |
| 99 |  | **195–96** | **Concept Review** |
| Chapter 12 • Division Facts to 10 |
| 100 | **197–200** | **197–98** | * Relate division to repeated subtraction
* Divide a set of objects into sets of 6, using strategies
* Solve a division fact and check with multiplication
* Recall the biblical worldview truth that only God could have designed this world
 |
| 101 | **201–2** | **199–200** | * Divide a set of objects into sets of 7, using strategies
* Use a division frame to complete a division fact
* Write a missing-factor equation to solve a division equation
* Solve a word problem and interpret the solution
 |
| 102 | **203–4** | **201–2** | * Divide a set of objects into sets of 8 or into 8 equal sets, using strategies
* Picture division problems
* Explain the biblical worldview truth that only God could have designed this world
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| Lesson | Worktext Pages | ReviewsPages | Lesson Objectives |
| 103 | **205–6** | **203–4** | * Use a bar model to divide objects into equal sets
* Picture division problems
* Solve a division word problem and interpret the solution
 |
| 104 | **207–8** | **205–6** | * Divide a set of objects into sets of 9 or into 9 equal sets, using strategies
* Write related facts for a fact family
* Solve a word problem and interpret the solution
* Solve a multi-step word problem
 |
| 105 | **209–10** | **207–8** | * Write and picture division equations
* Divide a set of objects into equal sets with a remainder
 |
| 106 | **211–12** | **209–10** | * Divide a set of objects into sets of 10, using skip counting
* Write related facts for a fact family
* Divide a set of objects into equal sets with a remainder
* Apply the biblical worldview truth that only God could have designed this world
 |
| 107 | **213–14** | **211–12** | * Review the concepts presented in Chapter 12 in preparation for the Chapter 12 Test
* Apply the biblical worldview truth that only God could have designed this world
 |
| 108 |  | **213–14** | **Concept Review** |
| Chapter 13 • Geometry |
| 109 | **215–18** | **215–16** | * Identify and describe a line, a line segment, and a ray
* Identify and describe horizontal and vertical lines
* Identify and describe parallel and intersecting lines
* Identify and describe an angle and a right angle
* Recall the biblical worldview truth that the design in the world is very complex
 |
| 110 | **219–20** | **217–18** | * Draw and label a line, a line segment, and a ray
* Differentiate between horizontal, vertical, parallel, and intersecting lines
* Identify a line segment, an angle, and a vertex
* Identify and draw a right angle
* Extend a pattern
 |
| 111 | **221–22** | **219–20** | * Define perimeter
* Find the perimeter of a figure using inches, feet, or yards
* Find an unknown side length when given the perimeter
* Solve a perimeter word problem and interpret the solution
 |
| 112 | **223–24** | **221–22** | * Define area and recognize that area is measured in square units
* Find the area of a figure
* Relate the area of a figure to the operations of multiplication and addition
* Solve an area word problem and interpret the solution
* Explain the biblical worldview truth that the design in the world is very complex
 |
| 113 | **225–26** | **223–24** | * Find the area of an irregular figure
* Relate the area of irregular figures to the operations of multiplication and addition
* Solve an area word problem and interpret the solution
 |
| 114 | **227–28** | **225–26** | * Find the perimeter of a figure
* Solve perimeter and area word problems and interpret the solution
* Find the area of irregular figures
* Show 2 rectangles with the same area and different perimeters or with the same perimeter and different areas
* Apply the biblical worldview truth that the design in the world is very complex
 |
| 115 | **229–30** | **227–28** | * Review the concepts presented in Chapter 13 in preparation for the Chapter 13 Test
* Apply the biblical worldview truth that the design in the world is very complex
 |
| 116 |  | **229–30** | **Concept Review** |

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| Lesson | Worktext Pages | ReviewsPages | Lesson Objectives |
| Chapter 14 • Money |
| 117 | **231–34** | **231–32** | * Identify a one-dollar bill and its value
* Determine the value of a set of coins and one-dollar bills by counting on
* Write amounts of money using a dollar sign and a decimal point
* Identify equivalent sets of money
* Recall the biblical worldview truth that math does not tell us what is right and wrong
 |
| 118 | **235–36** | **233–34** | * Compare money values using >, <, or =
* Rename pennies, dimes, and dollars
* Add and subtract amounts of money written with a dollar sign and decimal point
* Solve a multi-step word problem and interpret the solution
 |
| 119 | **237–38** | **235–36** | * Identify a five-dollar bill and its value
* Determine the value of a set of coins, one-dollar bills, and five-dollar bills by counting on
* Add and subtract amounts of money
* Determine the amount of money needed to purchase an item
* Solve a multi-step word problem and interpret the solution
* Recall the biblical worldview truth that math does not tell us what is right and wrong
 |
| 120 | **239–40** | **237–38** | * Identify a ten-dollar bill and its value
* Determine the value of a set of coins and one-, five-, and ten-dollar bills by counting on
* Subtract amounts of money with even ten-dollar amounts
* Determine the amount of money needed to purchase an item
* Determine the amount of change after a purchase
* Solve a multi-step word problem and interpret the solution
 |
| 121 | **241–42** | **239–40** | * Add and subtract amounts of money
* Solve a multi-step word problem and interpret the solution
* Identify word problems that have too little information
* Determine the amount of change after a purchase by counting on
* Explain the biblical worldview truth that math does not tell us what is right and wrong
 |
| 122 | **243–44** | **241–42** | * Review the concepts presented in Chapter 14 in preparation for the Chapter 14 Test
* Apply the biblical worldview truth that math does not tell us what is right and wrong
 |
| 123 |  | **243–44** | **Concept Review** |
| Chapter 15 • More Geometry |
| 124 | **245–48** | **245–46** | * Identify line segments, vertices, angles, and right angles
* Describe plane figures and polygons
* Identify and describe regular polygons
* Recall the biblical worldview truth that God made us to do math
 |
| 125 | **249–50** | **247–48** | * Differentiate between regular and irregular polygons
* Identify the attributes of a circle
* Find the perimeter of a polygon
* Solve a perimeter word problem and interpret the solution
 |
| 126 | **251–52** | **249–50** | * Partition a shape to show equal parts and identify each part
* Partition a shape in different ways to show the same number of equal parts
* Explore tessellations
* Compose shapes from given shapes
 |
| 127 | **253–54** | **251–52** | * Identify and draw similar and congruent figures
* Identify symmetrical figures and a line of symmetry
* Trace and draw a line of symmetry
* Apply the biblical worldview truth that God made us to do math
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| Lesson | Worktext Pages | ReviewsPages | Lesson Objectives |
| 128 | **255–56** | **253–54** | * Distinguish between plane figures and solid figures
* Identify a cube, rectangular prism, rectangular pyramid, sphere, cone, and cylinder
* Identify faces, edges, vertices, and curved surfaces of solid figures
 |
| 129 | **257–58** | **255–56** | * Classify plane figures based on their attributes
* Classify solid figures based on their attributes
 |
| 130 | **259–60** | **257–58** | * Picture the relationship between plane and solid figures using a disjoint Venn diagram
* Picture the relationship between faces and curved surfaces using an intersecting Venn diagram
 |
| 131 | **261–62** | **259–60** | * Identify a slide, flip, and turn
* Find the area of a quadrilateral
* Solve an area word problem and interpret the solution
 |
| 132 | **263–64** | **261–62** | * Review the concepts presented in Chapter 15 in preparation for the Chapter 15 Test
* Explain the biblical worldview truth that God made us to do math
 |
| 133 |  | **263–64** | **Concept Review** |
| Chapter 16 • Metric Measurement |
| 134 | **265–68** | **265–66** | * Identify the centimeter and meter as measuring units for length
* Estimate and measure length or height to the nearest meter or centimeter
* Determine the best unit of measurement: centimeters or meters
* Find the perimeter of a rectangle using centimeters or meters
* Solve a perimeter word problem and interpret the solution
* Recall the biblical worldview truth that math helps people enjoy their lives
 |
| 135 | **269–70** | **267–68** | * Identify the kilometer as a unit of measurement for distance
* Determine the best unit of measurement: centimeters, meters, or kilometers
* Rename meters as centimeters and kilometers as meters using a table
* Use a map key to determine distance
 |
| 136 | **271–72** | **269–70** | * Identify the liter and milliliter as units of measurement for capacity
* Determine the best unit of measurement: milliliters or liters
* Rename liters as milliliters using a table
* Apply the biblical worldview truth that math helps people enjoy their lives
 |
| 137 | **273–74** | **271–72** | * Identify the gram and kilogram as units of measurement for mass
* Determine the best unit of measurement: grams or kilograms
* Rename kilograms as grams using a table
* Measure mass using grams
* Solve a measurement word problem and interpret the solution
 |
| 138 | **275–76** | **273–74** | * Identify the degree as a unit of measurement for temperature
* Read and set a Celsius thermometer
* Match outdoor activities to Celsius temperatures
* Recognize standard Celsius temperatures
* Solve a metric measurement word problem and interpret the solution
* Explain the biblical worldview truth that math helps people enjoy their lives
 |
| 139 | **277–78** | **275–76** | * Review the concepts presented in Chapter 16 in preparation for the Chapter 16 Test
* Create a plan using the biblical worldview truth that math helps people enjoy their lives
 |
| 140 |  | **277–78** | **Concept Review** |

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| Lesson | Worktext Pages | ReviewsPages | Lesson Objectives |
| Chapter 17 • Multiply by 1-Digit Numbers |
| 141 | **279–82** | **279–80** | * Multiply a 2-digit factor by a 1-digit factor without renaming, using manipulatives
* Write a multiplication equation in vertical form
* Solve a multiplication word problem and interpret the solution
* Identify the biblical worldview truth that math helps people help people
 |
| 142 | **283–84** | **281–82** | * Multiply a 2- or 3-digit factor by a 1-digit factor without renaming, with and without using manipulatives
* Write a multiplication equation in vertical form
* Solve a multiplication word problem and interpret the solution
 |
| 143 | **285–86** | **283–84** | * Multiply a 2-digit factor by a 1-digit factor, renaming ones as tens, with and without using manipulatives
* Solve a multiplication word problem with renaming and interpret the solution
 |
| 144 | **287–88** | **285–86** | * Multiply a 3-digit factor by a 1-digit factor, renaming tens as hundreds, with and without using manipulatives
* Solve a multi-step money word problem and interpret the solution
 |
| 145 | **289–90** | **287–88** | * Multiply a 2-digit factor by a 1-digit factor, renaming tens as hundreds
* Multiply a 3-digit factor by a 1-digit factor, renaming hundreds as one thousands
* Solve a multi-step money word problem and interpret the solution
* Explain the biblical worldview truth that math helps people help people
 |
| 146 | **291–92** | **289–90** | * Multiply multiples of 10 or 100 by a 1-digit factor
* Determine the number of zeros in the product when multiplying a multiple of 10 or 100 by a 1-digit factor
 |
| 147 | **293–94** | **291–92** | * Round numbers to the nearest ten
* Estimate a product by rounding to the nearest ten
* Solve a word problem with too much information and interpret the solution
 |
| 148 | **295–96** | **293–94** | * Round numbers to the nearest hundred
* Estimate a product by rounding to the nearest hundred
* Solve a multi-step money word problem and interpret the solution
* Apply the biblical worldview truth that math helps people help people
 |
| 149 | **297–98** | **295–96** | * Review the concepts presented in Chapter 17 in preparation for the Chapter 17 Test
* Explain the biblical worldview truth that math helps people help people
 |
| 150 |  | **297–98** | **Concept Review** |
| Chapter 18 • Divide by 1-Digit Divisors |
| 151 | **299–302** | **299–300** | * Divide a 2-digit dividend by a 1-digit divisor to find a 1-digit quotient, using manipulatives
* Solve a long division problem using related facts
* Identify the biblical worldview truth that math is a tool to help people work
 |
| 152 | **303–4** | **301–2** | * Solve division facts using the long division process
* Divide a 2-digit dividend by a 1-digit divisor to find a 2-digit quotient, using manipulatives
 |
| 153 | **305–6** | **303–4** | * Divide a 3-digit dividend by a 1-digit divisor to find a 3-digit quotient, using manipulatives
 |
| 154 | **307–8** | **305–6** | * Divide a 2-digit dividend by a 1-digit divisor to find a 1- or 2-digit quotient
* Solve a division word problem and interpret the solution
* Divide a 3-digit dividend by a 1-digit divisor to find a 3-digit quotient
 |
| 155 | **309–10** | **307–8** | * Divide dollars and cents (a 3-digit dividend) by a 1-digit divisor
* Explain the biblical worldview truth that math is a tool to help people work
 |
| 156 | **311–12** | **309–10** | * Divide to find a 1- or 2-digit quotient with a remainder, using manipulatives
* Solve a division word problem and interpret the solution
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| Lesson | Worktext Pages | ReviewsPages | Lesson Objectives |
| 157 | **313–14** | **311–12** | * Divide to find a 3-digit quotient with a remainder, using manipulatives
* Solve a division word problem and interpret the solution
 |
| 158 | **315–16** | **313–14** | * Interpret a remainder in a division problem
* Solve a division word problem and interpret the remainder
 |
| 159 | **317–18** | **315–16** | * Determine the closest multiplication fact to estimate the quotient
* Divide to find a 1-digit quotient with a remainder
* Solve a division word problem and interpret the remainder
* Explain the biblical worldview truth that math is a tool to help people work
 |
| 160 | **319–20** | **317–18** | * Review the concepts presented in Chapter 18 in preparation for the Chapter 18 Test
* Apply the biblical worldview truth that math is a tool to help people work
 |
| 161 |  | **319–20** | **Concept Review** |
| Chapter 19 • Decimals |
| 162 | **321–24** | **321–22** | * Demonstrate that 10 tenths equals 1 whole
* Rename 10 tenths as 1 whole, using manipulatives
* Read, write, and picture a decimal to the Tenths place
* Write a decimal as a fraction or a mixed number
* Identify the biblical worldview truth that math does not have all the answers
 |
| 163 | **325–26** | **323–24** | * Read and picture a decimal to the Tenths place
* Write a mixed number as a decimal
* Compare decimals to the Tenths place using >, <, or =
* Order decimals to the Tenths place from least to greatest
* Solve a decimal word problem and interpret the solution
 |
| 164 | **327–28** | **325–26** | * Demonstrate that 10 hundredths equals 1 tenth
* Rename 10 hundredths as 1 tenth, using manipulatives
* Read, write, and picture a decimal to the Hundredths place
* Write a fraction or mixed number as a decimal
 |
| 165 | **329–30** | **327–28** | * Picture decimals to the Hundredths place
* Write a fraction or mixed number as a decimal
* Compare decimals to the Hundredths place using >, <, or =
* Order decimals to the Hundredths place from least to greatest
* Solve a decimal word problem and interpret the solution
* Explain the biblical worldview truth that math does not have all the answers
 |
| 166 | **331–32** | **329–30** | * Rename 10 tenths as 1 one and 10 hundredths as 1 tenth
* Add decimals to the Hundredths place
* Solve a decimal word problem and interpret the solution
 |
| 167 | **333–34** | **331–32** | * Rename 1 one as 10 tenths and 1 tenth as 10 hundredths
* Subtract decimals to the Hundredths place
* Solve a decimal word problem and interpret the solution
 |
| 168 | **335–36** | **333–34** | * Write a decimal to the Hundredths place
* Add and subtract decimals to the Hundredths place
* Solve a decimal word problem and interpret the solution
* Apply the biblical worldview truth that math does not have all the answers
 |
| 169 | **337–38** | **335–36** | * Review the concepts presented in Chapter 19 in preparation for the Chapter 19 Test
* Recall the biblical worldview truth that math does not have all the answers
 |
| 170 |  | **337–38** | **Concept Review** |

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| Lesson | Worktext Pages | ReviewsPages | Lesson Objectives |
| Chapter 20 • Math Review |
| 171 | **339–42** |  | * Review picturing and interpreting the Base 10 place value system
* Review writing multi-digit numbers in standard and expanded form
* Review rounding, comparing, and ordering multi-digit numbers
* Review the biblical worldview truth that only God could have designed this world
 |
| 172 | **343–44** |  | * Review rounding to estimate a sum when an exact amount is not needed
* Review adding numbers up to 5 digits
* Review comparing and ordering numbers
 |
| 173 | **345–46** |  | * Review estimating the difference by rounding to the nearest ten, hundred, or one thousand
* Review subtracting numbers up to 5 digits
* Review checking a subtraction problem with addition
* Review the biblical worldview truth that the design we see is very complex
 |
| 174 | **347–48** |  | * Review using strategies to picture and solve multiplication facts
* Review using the properties of multiplication to solve multiplication facts
* Review solving a missing-factor equation with a variable
 |
| 175 | **349–50** |  | * Review dividing objects into sets of a given size or into a given number of sets
* Review using strategies to picture and solve division facts
* Review relating division to multiplication and subtraction
* Review the biblical worldview truth that math is a tool to help people work
 |
| 176 | **351–52** |  | * Review estimating and measuring length and height using customary and metric measurements
* Review estimating the capacity of an object using customary and metric measurements
* Review reading a Fahrenheit thermometer and a Celsius thermometer to the 1-degree interval
 |
| 177 | **353–54** |  | * Review identifying and picturing a fraction or mixed number
* Review comparing and ordering fractions
* Review identifying and writing equivalent fractions
 |
| 178 | **355–56** |  | * Review identifying plane and solid figures and their attributes
* Review writing an equation to find the perimeter
* Review finding the area of a quadrilateral
* Review the biblical worldview truth that math helps people help people
 |
| 179 | **357–58** |  | * Review telling, writing, and showing time to the 1-minute interval
* Review naming the months of the year in order
* Review counting and comparing sets of money
 |
| 180 | **359–60** |  | * Review solving simple and multi-step word problems using strategies
* Review identifying and applying the 4 biblical worldview truths
 |