Lesson Plan Overview

**The highlighted lessons provide an alternate teaching strategy that may be presented for challenge and exposure.
The corresponding Worktext and Reviews pages are optional and are not intended to be graded.
Additional fact review is available at bjupress.com/resources and afterschoolhelp.com.**

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| Lesson | Worktext Pages | ReviewsPages | Practice and Review Objectives | Lesson Objectives |
| Chapter 1 • Addition Facts |
| 1 | 3–6 | 1–2 |  | * Recognize four biblical worldview truths and their connections to math: God is the Creator, God put people on the earth to work, people are important, and math has limits
* Apply biblical worldview thinking to life
 |
| 2 | 7–8 | 3–4 | * Describe a set of 0–20 objects using numbers and number words
 | * Demonstrate that addends can be joined in any order without changing the sum
* Use the counting-on strategies and the adding–0 rule
 |
| 3 | 9–10 | 5–6 | * Practice addition facts
 | * Compose numbers to 10 using 5 as a benchmark
* Compose 10 on the Ten Frame and on the number line
* Compare facts using = or ≠
* Solve a word problem and interpret the solution
* Connect math to the biblical worldview truth that God wants us to show love to other people
 |
| 4 | 11–12 | 7–8 | * Practice addition facts
* Identify omitted numbers on a number line
 | * Decompose the numbers 6–9 into fact combinations
* Solve a word problem and interpret the solution
 |
| 5 | 13–14 | 9–10 | * Practice addition facts
* Skip count by 2s
 | * Solve an addition equation with double addends
* Identify a number as even or odd
* Explore the sums of even and/or odd addends
 |
| 6 | 15–16 | 11–12 | * Practice addition facts
* Identify the missing numbers to 100
 | * Review the doubles strategy
* Apply the doubles strategy to find the sums of near-double facts
* Solve a word problem and interpret the solution
* Connect math to the biblical worldview truth that God wants us to show love to other people
 |
| 7 | 17–18 | 13–14 | * Practice addition facts
* Read the number words eleven–twenty
* Compare numbers to 20
 | * Decompose an addend, use it to make 10, and then solve
* Solve a word problem and interpret the solution
 |
| 8 | 19–20 | 15–16 | * Practice addition facts
* Identify the ordinal positions first through tenth
* Count to 100 by 1s, 5s, and 10s
 | * Solve missing-addend fact problems
* Solve a word problem and interpret the solution
* Connect math to the biblical worldview truth that God wants us to show love to other people
 |
| 9 | 21–22 | 17–18 | * Practice addition facts
* Identify the numbers that come before, between, or after a number 0–100
 | * Solve 3-addend problems
* Solve a word problem and interpret the solution
* Connect math to the biblical worldview truth that God wants us to show love to other people
 |
| 10 | 23–24 | 19–20 |  | * Review parts and wholes as addends and sums
* Review even and odd numbers
* Review the adding-0 rule and the counting-on strategies
* Review the make-10 strategy for a sum of more than 10
* Review the biblical worldview truth that God wants us to show love to other people
 |
| 11 |  | 21–22 |  | Concept Review |

| Lesson | Worktext Pages | ReviewsPages | Practice and Review Objectives | Lesson Objectives |
| --- | --- | --- | --- | --- |
| Chapter 2 • Subtraction Facts |
| 12 | 25–28 | 23–24 | * Practice addition facts
* Decompose numbers less than 10
* Identify number words one through twenty
 | * Count back 1 or 2 to subtract
* Solve a subtraction word problem and interpret the solution
* Connect math to the biblical worldview truth that God put people in the world to work
 |
| 13 | 29–30 | 25–26 | * Practice addition facts
* Decompose 10 into addend pairs
* Use the making-10 strategy to solve 3-addend problems
 | * Interpret the result of adding 0
* Interpret the results of subtracting all or subtracting nearly all
* Solve a word problem and interpret the solution
 |
| 14 | 31–32 | 27–28 | * Practice addition facts
* Identify the value of coins between 11¢ and 19¢
* Count to 200 by 1s, 5s, and 10s
 | * Subtract from 10
* Solve a word problem and interpret the solution
* Compare facts using greater-than or less-than signs
 |
| 15 | 33–34 | 29–30 | * Practice addition facts
* Distinguish even and odd numbers
* Identify numbers 1 to 20
 | * Subtract back to 10, then subtract the remaining part
* Solve a word problem and interpret the solution
* Connect math to the biblical worldview truth that God put people in the world to work
 |
| 16 | 35–36 | 31–32 | * Practice addition facts
* Skip count to 60 by 2s using the Hundred Chart
* Identify the value of sets of pennies and dimes
 | * Compare 2 sets, then subtract to find the difference between the sets
* Solve a comparison word problem and interpret the solution
* Connect math to the biblical worldview truth that God put people in the world to work
 |
| 17 | 37–38 | 33–34 | * Practice addition facts
* Count to 100 by 1s, 5s, and 10s
 | * Relate addition and subtraction using fact families
* Solve a word problem and interpret the solution
 |
| 18 | 39–40 | 35–36 | * Practice addition facts
* Identify even and odd numbers to 30
 | * Check subtraction using a related addition fact
* Solve a missing-addend word problem and interpret the solution
 |
| 19 | 41–42 | 37–38 |  | * Review counting back 1 or 2
* Review subtracting 0
* Review subtracting all and nearly all
* Review subtracting back to 10, then subtracting the remaining part
* Review the relationship between addition and subtraction
* Review the biblical worldview truth that God put people in the world to work
 |
| 20 |  | 39–40 |  | Concept Review |
| Chapter 3 • Place Value: 2-Digit Numbers |
| 21 | 43–46 | 41–42 | * Practice subtraction facts
* Picture a subtraction fact on a number line
 | * Represent the numbers 11–19 as 10 and some more
* Rename a group of 10 ones as 1 ten
* Determine if a number is even or odd
* Connect math to the biblical worldview truth that God put people in the world to work
 |
| 22 | 47–48 | 43–44 | * Practice subtraction facts
* Add using a number line
* Tell time to the hour
 | * Count and represent decade numbers to 100
* Write a decade number 2 ways and use a picture to illustrate the number
* Determine if a decade number is even or odd
 |

| Lesson | Worktext Pages | ReviewsPages | Practice and Review Objectives | Lesson Objectives |
| --- | --- | --- | --- | --- |
| 23 | 49–50 | 45–46 | * Practice subtraction facts
* Recognize decade words ten to one hundred
* Write the missing number
 | * Write and picture a number in expanded form
* Write the number that is 1 more than a given number
* Write the number that is 1 less than a given number
* Connect math to the biblical worldview truth that God put people in the world to work
 |
| 24 | 51–52 | 47–48 | * Practice subtraction facts
* Make all fact combinations for 10
 | * Write the number that is 10 more or 10 less than a given number
 |
| 25 | 53–54 | 49–50 | * Practice subtraction facts
* Solve a word problem with 3 addends
 | * Skip count by 2s, by 5s, and by 10s on a number line
* Complete a number sequence
* Connect math to the biblical worldview truth that God put people in the world to work
 |
| 26 | 55–56 | 51–52 | * Practice addition and subtraction facts
* Picture and write a number in expanded form
 | * Given a number, write the decade number on either side of it
* Compare numbers using greater-than, less-than, and equal signs
* Connect math to the biblical worldview truth that God put people in the world to work
 |
| 27 | 57–58 | 53–54 | * Practice addition and subtraction facts
* Read and write numbers in number form and expanded form
 | * Compare numbers using greater-than and less-than signs
* Order numbers from least to greatest
 |
| 28 | 59–60 | 55–56 |  | * Review representing numbers using tens and ones
* Review picturing and writing a number in expanded form
* Review completing a number sequence
* Review writing the decade numbers
* Review comparing numbers with greater-than, less-than, and equal signs
* Review ordering numbers from least to greatest
* Review the biblical worldview truth that God put people in the world to work
 |
| 29 |  | 57–58 |  | Concept Review |
| Chapter 4 • Time & Calendars |
| 30 | 61–64 | 59–60 | * Practice subtraction facts
* Subtract back to 10
* Compose 10
 | * Count minutes by 5s
* Relate 60 minutes to 1 hour, and 30 minutes to a half-hour
* Tell, write, and show time to the hour and to the half-hour
* Connect math to the biblical worldview truth that God put people on the earth to work
 |
| 31 | 65–66 | 61–62 | * Practice subtraction facts
* Compare facts using = and ≠
* Solve missing-addend equations
 | * Differentiate between a.m. and p.m. and between midnight and noon
* Solve elapsed time word problems
* Connect math to the biblical worldview truth that God put people on the earth to work
 |
| 32 | 67–68 | 63–64 | * Practice subtraction facts
* Subtract from 10
 | * Tell and write time to the 5-minute interval
* Show time to the 5-minute interval
* Solve elapsed time word problems
* Connect math to the biblical worldview truth that God put people on the earth to work
 |
| 33 | 69–70 | 65–66 | * Practice subtraction facts
* Decompose numbers 6–9
* Identify the ordinal positions first through twelfth
 | * Tell, write, and show time to the 5-minute interval, using before or after
* Solve elapsed time word problems
* Read a schedule to determine elapsed time
* Connect math to the biblical worldview truth that God put people on the earth to work
 |
| Lesson | Worktext Pages | ReviewsPages | Practice and Review Objectives | Lesson Objectives |
| 34 | 71–72 | 67–68 | * Practice subtraction facts
* Identify 1 more and 1 less than a number and 10 more and 10 less than a number
 | * Name the days of the week in order, and the day that comes before or after
* Identify dates on a calendar
* Name the months of the year in order, and the month that comes before or after
* Write a calendar date in word form and number form
* Connect math to the biblical worldview truth that God put people on the earth to work
 |
| 35 | 73–74 | 69–70 |  | * Review telling and writing time to the 5-minute interval
* Review differentiating between a.m. and p.m. and between midnight and noon
* Review solving elapsed time word problems
* Review the days of the week and the months of the year in order
* Review dates on a calendar
* Review the biblical worldview truth that God put people on the earth to work
 |
| 36 |  | 71–72 |  | Concept Review |
| Chapter 5 • Addition: 2-Digit Numbers |
| 37 | 75–78 | 73–74 | * Practice addition facts
* Write the expanded form of 2-digit numbers
 | * Add 2-digit numbers without renaming
* Estimate the sum by rounding to the nearest ten
* Connect math to the biblical worldview truth that God wants us to show love to other people
 |
| 38 | 79–80 | 75–76 | * Practice addition facts
* Find 10 more and 10 less
 | * Add 2-digit numbers by counting on or renaming 10 ones as 1 ten
* Decompose an addend to make the next ten and some more
 |
| 39 | 81–82 | 77–78 | * Practice subtraction facts
* Count on by 10s and 1s using dimes and pennies
* Find the expanded form of a number
 | * Add 2-digit numbers using the expanded form
* Connect math to the biblical worldview truth that God wants us to show love to other people
 |
| 40 | 83–84 | 79–80 | * Practice subtraction facts
* Relate place value to dimes and pennies
 | * Add 2-digit numbers using the expanded form and a number line to count on
 |
| 41 | 85–86 | 81–82 | * Practice subtraction facts
* Solve elapsed time word problems
 | * Add 2-digit numbers by combining 2 addends to make 10
* Add 2-digit numbers by decomposing an addend to make 10
 |
| 42 | 87–88 | 83–84 | * Practice subtraction facts
* Compare numbers using >, <, or =
 | * Add three or four 2-digit addends with renaming
* Connect math to the biblical worldview truth that God wants us to show love to other people
 |
| 43 | 89–90 | 85–86 | * Practice subtraction facts
* Identify the numbers that are 1 less and 1 more than a given number
 | * Solve a word problem using a number line
* Solve a word problem by combining 2 addends to make 10
* Solve a word problem by picturing the problem
 |
| 44 | 91–92 | 87–88 |  | * Review adding 2-digit numbers without renaming
* Review 2-digit addition using place value pictures, expanded form, number lines, and the make-10 strategy
* Review solving addition word problems
* Review the biblical worldview truth that God wants us to show love to other people
 |
| 45 |  | 89–90 |  | Concept Review |

| Lesson | Worktext Pages | ReviewsPages | Practice and Review Objectives | Lesson Objectives |
| --- | --- | --- | --- | --- |
| Chapter 6 • Subtraction: 2-Digit Numbers |
| 46 | 93–96 | 91–92 | * Practice subtraction facts
* Count by 5s to 100
 | * Subtract 2-digit numbers without renaming
* Round to the nearest decade number to estimate the difference
* Connect math to the biblical worldview truth that God wants us to show love to other people
 |
| 47 | 97–98 | 93–94 | * Practice subtraction facts
* Add 2-digit numbers with renaming
 | * Subtract from a 2-digit number by decomposing the part being subtracted
 |
| 48 | 99–100 | 95–96 | * Practice related facts
 | * Rename 1 ten as 10 ones to subtract
* Subtract from a 2-digit number with renaming
 |
| 49 | 101–2 | 97–98 | * Practice related facts
* Add 2-digit numbers using coins
 | * Subtract 2-digit numbers with renaming
* Solve a word problem by selecting only the needed information and interpreting the solution
* Explain how subtraction can be used to show love to other people
 |
| 50 | 103–4 | 99–100 | * Practice related facts
* Write the expanded form of a number
 | * Use the relationship between addition and subtraction to check a subtraction problem
* Determine the equation needed to solve a word problem and interpret the solution
* Discuss the biblical truth that math is important for serving God
 |
| 51 | 105–6 | 101–2 | * Practice related facts
* Estimate the sum by rounding to the nearest ten
 | * Round to the nearest decade number to estimate the difference
* Connect subtraction to the biblical worldview truth that God wants us to show love to other people
 |
| 52 | 107–8 | 103–4 |  | * Review subtracting from a 2-digit number by decomposing the part being subtracted
* Review subtracting 2-digit numbers with and without renaming
* Review checking a subtraction problem with addition
* Review solving a word problem and interpreting the solution
* Review the biblical truth that math is important for serving God
 |
| 53 |  | 105–6 |  | Concept Review |
| Chapter 7 • Data |
| 54 | 109–12 | 107–8 | * Practice related facts
* Compose 10
 | * 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
* Connect graphs to the biblical worldview truth that God put people in the world to work
 |
| 55 | 113–14 | 109–10 | * Practice related facts
* Identify the position of a number on a number line
* Add 2-digit numbers with renaming
 | * Read a bar graph and compare the data
* Write an equation to compare data on a bar graph
* Read a bar graph with a multi-unit scale
 |
| 56 | 115–16 | 111–12 | * Practice related facts
* Write the expanded form of a number
 | * Read a line plot and compare the data
* Write an equation to compare data on a line plot
 |

| Lesson | Worktext Pages | ReviewsPages | Practice and Review Objectives | Lesson Objectives |
| --- | --- | --- | --- | --- |
| 57 | 117–18 | 113–14 | * Practice related facts
* Determine whether a number is even or odd
 | * Collect data to create a tally chart
* Create a picture graph from a tally chart
* Create a bar graph from a tally chart
* Create a line plot from a bar graph
* Connect bar graphs to the biblical worldview truth that God put people in the world to work
 |
| 58 | 119–20 | 115–16 |  | * Review reading a picture graph and comparing the data
* Review reading a bar graph and comparing the data
* Review creating a tally chart and comparing the data
* Review creating a bar graph from a tally chart and comparing the data
* Review reading a line plot and comparing the data
 |
| 59 |  | 117–18 |  | Concept Review |
| Chapter 8 • Customary Measurement |
| 60 | 121–24 | 119–20 | * Practice related facts
* Write a number in expanded form
 | * Identify the object that is tallest, longest, or shortest
* Identify the length of an object using a nonstandard unit
 |
| 61 | 125–26 | 121–22 | * Practice related facts
* Count by 5s or by 10s to find the value of a set of coins
 | * Recognize the inch as a standard measurement unit
* Estimate the length of an object using inches
* Draw a line that is a given number of inches long
 |
| 62 | 127–28 | 123–24 | * Practice related facts
* Compare 2-digit numbers using >, <, or =
 | * Determine whether inches or feet are a better measurement
* Compare lengths using >, <, or =
* Solve a word problem and interpret the solution
* Explain how measuring can be used to show that other people are important
 |
| 63 | 129–30 | 125–26 | * Practice related facts
* Tell time two ways
 | * Estimate the measurement of an object
* Determine the best measuring tool to use
 |
| 64 | 131–32 | 127–28 | * Practice related facts
* Add 2-digit numbers
 | * Solve a word problem using measurement and interpret the solution
 |
| 65 | 133–34 | 129–30 | * Practice related facts
* Compare 2-digit numbers using > and <
 | * Recognize cups, pints, quarts, and gallons as measurements for capacity
* Describe the relative capacity of various containers using the words more and less
* Explain how measuring can be used to show that other people are important
 |
| 66 | 135–36 | 131–32 | * Practice related facts
* Determine whether a number is even or odd
 | * Estimate weight using ounces or pounds
* Compare weight using > or <
* Read a thermometer and write the temperature
 |
| 67 | 137–38 | 133–34 |  | * Review estimating and measuring length and height using inches
* Review determining the best tool for measuring length
* Review comparing length using >, <, or =
* Review solving a word problem using measurement
* Review how measuring can be used to show that other people are important
 |
| Lesson | Worktext Pages | ReviewsPages | Practice and Review Objectives | Lesson Objectives |
| 68 |  | 135–36 |  | Concept Review |
| Chapter 9 • Place Value: 3-Digit Numbers |
| 69 | 139–42 | 137–38 | * Practice related facts
* Tell time to the 5-minute interval
 | * Picture and write 3-digit numbers using place value
* Represent a number 2 ways
* Count by 100s to 1000
 |
| 70 | 143–44 | 139–40 | * Practice related facts
* Add decade numbers on a number line
 | * Identify a number based on the number of hundreds, tens, and ones
* Picture and write 3-digit numbers
* Connect math to the biblical worldview truth that God put people in the world to work
 |
| 71 | 145–46 | 141–42 | * Practice related facts
* Identify ordinal positions first to twentieth
 | * Write 3-digit numbers in expanded form
* Identify the value of a digit in a 3-digit number
* Write number words for 3-digit numbers
* Connect math to the biblical worldview truth that God put people in the world to work
 |
| 72 | 147–48 | 143–44 | * Practice related facts
* Compare numbers using >, <, or =
 | * Count on by 1s, 10s, or 100s to complete a number sequence
* Identify the number that is 1 more or 1 less than a given 3-digit number
 |
| 73 | 149–50 | 145–46 | * Practice related facts
* Read a bar graph
 | * Identify the number that is 10 more or 10 less than a given 3-digit number
* Identify the number that is 100 more or 100 less than a given 3-digit number
* Count on by 10s or 100s to complete a number sequence
 |
| 74 | 151–52 | 147–48 | * Practice addition and subtraction facts
* Skip count by 2s to 60
* Identify the middle number between 2 decade numbers
 | * Round to the nearest hundred
* Identify a 3-digit number indicated on a number line
 |
| 75 | 153–54 | 149–50 | * Practice addition and subtraction facts
* Add and subtract 2-digit numbers with renaming
 | * Compare 3-digit numbers using >, <, or =
* Connect math to the biblical worldview truth that God put people in the world to work
 |
| 76 | 155–56 | 151–52 | * Practice addition and subtraction facts
* Determine the value of a set of coins by counting on
 | * Order 3-digit numbers from least to greatest
* Create the greatest possible number and the least possible number using 3 different digits
* Connect math to the biblical worldview truth that God put people in the world to work
 |
| 77 | 157–58 | 153–54 |  | * Review writing 3-digit numbers in expanded form
* Review picturing and writing 3-digit numbers
* Review identifying the value of a digit in a 3-digit number
* Review determining the number that is 1, 10, or 100 more or less than a given 3-digit number
* Review ordering 3-digit numbers from least to greatest
* Review comparing 3-digit numbers using >, <, or =
* Review the biblical worldview truth that God put people in the world to work
 |
| 78 |  | 155–56 |  | Concept Review |

| Lesson | Worktext Pages | ReviewsPages | Practice and Review Objectives | Lesson Objectives |
| --- | --- | --- | --- | --- |
| Chapter 10 • Addition: 3-Digit Numbers |
| 79 | 159–62 | 157–58 | * Practice addition and subtraction facts
* Count on by 10s from a given number to 150
* Count on by 5s from a given number to 150
 | * Add hundreds to a 3-digit number
* Solve a word problem and interpret the solution
* Connect math to the biblical worldview truth that God is the Creator of order
 |
| 80 | 163–64 | 159–60 | * Practice addition and subtraction facts
 | * Decompose an addend to make the next hundred and some more
* Solve a word problem and interpret the solution
* Add hundreds to a 3-digit number
 |
| 81 | 165–66 | 161–62 | * Practice addition and subtraction facts
* Solve a 3-addend word problem
 | * Solve a 3-digit addition problem using pictures
* Solve a 3-digit addition problem by adding each place value
* Connect math to the biblical worldview truth that God is the Creator of order
 |
| 82 | 167–68 | 163–64 | * Practice addition and subtraction facts
 | * Add 3-digit numbers, renaming ones
* Solve a word problem and interpret the solution
 |
| 83 | 169–70 | 165–66 | * Practice addition and subtraction facts
* Count by 2s to 60
 | * Add 3-digit numbers, renaming tens or ones
* Solve a word problem and interpret the solution
 |
| 84 | 171–72 | 167–68 | * Practice addition and subtraction facts
* Add 2-digit numbers with and without renaming
 | * Add 3-digit numbers, renaming tens and ones
* Solve a word problem and interpret the solution
* Write a word problem for an addition equation
 |
| 85 | 173–74 | 169–70 |  | * Review adding 3-digit numbers, renaming tens and ones
* Review solving a word problem and interpreting the solution
* Review the biblical worldview truth that God is the Creator of order
 |
| 86 |  | 171–72 |  | Concept Review |
| Chapter 11 • Money |
| 87 | 175–78 | 173–74 | * Practice addition and subtraction facts
* Write the expanded form of 2-digit numbers
 | * Identify a penny, a nickel, and a dime and the value of each
* Determine the value of a set of dimes, nickels, and pennies by counting on
* Solve a money word problem by picturing the solution
 |
| 88 | 179–80 | 175–76 | * Practice addition and subtraction facts
* Count back by 2s from 20
 | * Identify the value of a quarter and make equivalent sets of coins
* Determine the value of a set of quarters, dimes, nickels, and pennies by counting on
* Solve a money word problem by picturing the solution
 |
| 89 | 181–82 | 177–78 | * Practice addition and subtraction facts
* Identify the day of the week for yesterday, today, and tomorrow
 | * Picture an amount of money 2 different ways using coins
* Add to find the value of 2 sets of coins using the cent sign
 |
| 90 | 183–84 | 179–80 | * Practice addition and subtraction facts
* Identify related subtraction facts for addition double facts
 | * Identify a one-dollar bill and make sets of coins equivalent to 1 dollar
* Identify five- and ten-dollar bills and find the value of 2 sets of bills by counting on
* Add to find the value of 2 sets of bills using the dollar sign and decimal point
* Connect math to the biblical worldview truth that math has limits
 |

| Lesson | Worktext Pages | ReviewsPages | Practice and Review Objectives | Lesson Objectives |
| --- | --- | --- | --- | --- |
| 91 | 185–86 | 181–82 | * Practice addition and subtraction facts
* Tell and write time to the 5-minute interval
 | * Solve addition and subtraction money word problems and interpret the solutions
* Solve addition and subtraction money problems in vertical form
* Connect math to the biblical worldview truth that math has limits
 |
| 92 | 187–88 | 183–84 | * Practice addition and subtraction facts
* 2-digit addition with renaming
 | * Determine whether there is enough money to purchase an item
* Compare the values of 2 sets of coins
* Connect math to the biblical worldview truth that math has limits
 |
| 93 | 189–90 | 185–86 |  | * Review identifying coins and bills and their values
* Review determining the value of a set of bills and coins
* Review making sets of coins equivalent to 1 dollar
* Review adding and subtracting money values
* Review solving money word problems and interpreting the solutions
* Review picturing an amount of money using bills and coins
* Review the biblical worldview truth that math has limits
 |
| 94 |  | 187–88 |  | Concept Review |
| Chapter 12 • Introduction to Multiplication |
| 95 | 191–94 | 189–90 | * Practice addition and subtraction facts
* Tell time in digital form
 | * Skip count by 2s, by 5s, and by 10s
* Write and solve a repeated addition equation
 |
| 96 | 195–96 | 191–92 | * Practice addition and subtraction facts
* Skip count by 3s to 30
* Skip count by 4s to 20
 | * Write a repeated addition equation
* Write and solve a multiplication equation for a picture
* Picture a multiplication sentence
 |
| 97 | 197–98 | 193–94 | * Practice addition and subtraction facts
 | * Write a multiplication equation for a picture
* Picture a multiplication equation
* Connect multiplication to the biblical worldview truth that God put people on the earth to work
 |
| 98 | 199–200 | 195–96 | * Practice addition and subtraction facts
* Read a picture graph and compare the data
 | * Create an array to solve a multiplication equation
* Write a related multiplication fact
 |
| 99 | 201–2 | 197–98 | * Practice addition and subtraction facts
* Determine elapsed time
 | * Solve a multiplication problem in vertical form
* Write and solve a multiplication fact for a picture
* Connect multiplication to the biblical worldview truth that God created people to work
 |
| 100 | 203–4 | 199–200 | * Practice addition and subtraction facts
 | * Solve a word problem and interpret the solution
 |
| 101 | 205–6 | 201–2 |  | * Review skip counting by 2s, by 5s, and by 10s
* Review writing a repeated addition equation and a multiplication equation for a picture
* Review picturing a multiplication equation
* Review picturing and writing a related multiplication fact
* Review the biblical worldview truth that God created people to work
 |
| 102 |  | 203–4 |  | Concept Review |

| Lesson | Worktext Pages | ReviewsPages | Practice and Review Objectives | Lesson Objectives |
| --- | --- | --- | --- | --- |
| Chapter 13 • Subtraction: 3-Digit Numbers |
| 103 | 207–10 | 205–6 | * Practice addition and subtraction facts
* Skip count by 2s, 3s, and 4s
 | * Subtract 3-digit numbers without renaming
* Estimate the difference by rounding to the nearest hundred
* Connect subtraction to the biblical worldview truth that the whole world was designed by God
 |
| 104 | 211–12 | 207–8 | * Practice addition and subtraction facts
* Identify the attributes of a circle, a square, a triangle, and a rectangle
 | * Subtract 3-digit numbers, renaming 1 ten as 10 ones
* Solve a word problem and interpret the solution
 |
| 105 | 213–14 | 209–10 | * Practice addition and subtraction facts
* Determine the value of a set of coins by counting on
 | * Rename 1 hundred as 10 tens
* Subtract 3-digit numbers, renaming 1 hundred as 10 tens
* Solve a word problem and interpret the solution
 |
| 106 | 215–16 | 211–12 | * Practice addition and subtraction facts
* Determine relative capacity using customary measurement units
 | * Subtract 3-digit numbers with renaming
* Check a subtraction problem with addition
* Solve a word problem and interpret the solution
 |
| 107 | 217–18 | 213–14 | * Practice addition and subtraction facts
* Practice math concepts
 | * Subtract 3-digit numbers with renaming
* Check a subtraction problem with addition
* Solve a word problem by selecting only the needed information and interpret the solution
 |
| 108 | 219–20 | 215–16 | * Practice addition and subtraction facts
* Picture arrays for related facts
* Practice math concepts
 | * Create and solve subtraction problems using 3-digit numbers
* Solve a word problem and interpret the solution
* Connect math to the biblical worldview truth that the whole world was designed by God
 |
| 109 | 221–22 | 217–18 | * Practice addition and subtraction facts
* Practice math concepts
 | * Subtract 3-digit numbers with renaming
* Solve a multi-step word problem and interpret the solution
* Connect math to the biblical worldview truth that the whole world was designed by God
 |
| 110 | 223–24 | 219–20 |  | * Review subtracting 3-digit numbers with and without renaming
* Review checking subtraction with addition
* Review solving a word problem and interpreting the solution
* Review the biblical worldview truth that the whole world was designed by God
 |
| 111 |  | 221–22 |  | Concept Review |
| Chapter 14 • Multiplication Facts |
| 112 | 225–28 | 223–24 | * Practice addition and subtraction facts
* Determine the greatest and the least possible numbers from 3 given digits
 | * Write a multiplication equation for equal sets of pictures
* Use multiplication to read and interpret the data given in a picture graph
 |
| 113 | 229–30 | 225–26 | * Practice addition and subtraction facts
* Write a 3-digit number in expanded form
 | * Interpret the function of each factor by picturing a multiplication equation
* Complete a multiplication equation with 2 as a factor, using skip counting and the doubles strategy
* Solve a multiplication word problem and interpret the solution
* Connect math to the biblical worldview truth that people are important
 |
| Lesson | Worktext Pages | ReviewsPages | Practice and Review Objectives | Lesson Objectives |
| 114 | 231–32 | 227–28 | * Practice addition and subtraction facts
* Count on by 100
 | * Skip count by 5s to complete a multiplication fact with 5 as a factor
* Use a number line to solve a multiplication equation
* Solve a multiplication word problem and interpret the solution
 |
| 115 | 233–34 | 229–30 | * Practice addition and subtraction facts
* Skip count by 3s to 30
 | * Skip count by 10s to solve a multiplication equation
* Picture a multiplication equation when 10 is a factor
* Solve a multiplication word problem and interpret the solution
 |
| 116 | 235–36 | 231–32 | * Practice addition and subtraction facts
* Determine whether a number is even or odd
 | * Complete a multiplication fact with 1 as a factor
* Complete a multiplication fact with 0 as a factor
 |
| 117 | 237–38 | 233–34 | * Practice addition and subtraction facts
* Subtract 2-digit numbers
 | * Use a number line to solve a multiplication problem with 3 as a factor
* Use an array to solve a multiplication problem with 3 as a factor
* Solve a multiplication word problem and interpret the solution
* Connect math to the biblical worldview truth that people are important
 |
| 118 | 239–40 | 235–36 | * Practice addition and subtraction facts
* Solve a word problem
 | * Skip count by 4s to solve a multiplication fact with 4 as a factor
* Use a number line to solve a multiplication fact with 4 as a factor
* Use an array to solve a multiplication problem with 4 as a factor
 |
| 119 | 241–42 | 237–38 | * Practice addition and subtraction facts
* Count by 10s to 150
 | * Complete a multiplication fact with a number 0–5 or 10 as a factor
* Compare values using > or <
* Solve a multiplication word problem and interpret the solution
 |
| 120 | 243–44 | 239–40 |  | * Review skip counting by 2s, 3s, 4s, 5s, and 10s
* Review multiplication facts with a number 0–5 or 10 as a factor
* Review solving a multiplication word problem and interpreting the solution
* Review the biblical worldview truth that God wants us to show love to other people
 |
| 121 |  | 241–42 |  | Concept Review |
| Chapter 15 • Fractions |
| 122 | 245–48 | 243–44 | * Practice multiplication facts
* Recognize equivalent measurements
 | * Identify shapes that are partitioned into equal parts
* Identify and name the number of equal parts in the whole
* Connect math to the biblical worldview truth that math has limits
 |

| Lesson | Worktext Pages | ReviewsPages | Practice and Review Objectives | Lesson Objectives |
| --- | --- | --- | --- | --- |
| 123 | 249–50 | 245–46 | * Practice facts
* Tell time to the half-hour and 5 minutes
 | * Recognize and use the terms half of, third of, fourth of, and quarter of
* Write the fraction that names the part of the whole
* Color the part of the shape that illustrates the fraction
* Connect math to the biblical worldview truth that math has limits
 |
| 124 | 251–52 | 247–48 | * Practice multiplication facts
* Write the numbers that come before, after, or between
 | * Partition a shape to show equal parts
* Partition a shape in different ways to show the same number of equal parts
* Write the fraction that names the part of the whole
 |
| 125 | 253–54 | 249–50 | * Practice facts
* Solve a 3-addend word problem and interpret the solution
 | * Compare 2 wholes partitioned into same-sized equal parts
* Compare 2 wholes partitioned into different-sized equal parts
* Recognize that the more equal parts a shape is partitioned into, the smaller the parts are
 |
| 126 | 255–56 | 251–52 | * Practice facts
* Determine the elapsed time
 | * Recognize that 1 half and 2 fourths name the same part of the whole
* Compare 2 wholes partitioned into same-sized or different-sized equal parts using > or <
* Connect math to the biblical worldview truth that math has limits
 |
| 127 | 257–58 | 253–54 | * Practice facts
* Subtract 3-digit numbers with renaming
 | * Write the fraction that names the part of the set
* Read and illustrate the fraction that names the part of the set
* Determine the equal share for 2, 3, or 4 people
* Connect math to the biblical worldview truth that math has limits
 |
| 128 | 259–60 | 255–56 |  | * Review partitioning a shape to show equal parts
* Review writing the fraction that names the part of the whole
* Review comparing 2 wholes partitioned into same-sized or different-sized equal parts using > or <
* Review writing the fraction that names the part of the set
* Review determining the equal share for 2, 3, or 4 people
* Review the biblical worldview truth that math has limits
 |
| 129 |  | 257–58 |  | Concept Review |
| Chapter 16 • Geometry |
| 130 | 261–64 | 259–60 | * Practice multiplication facts
* Skip count by 2s to 20
 | * Identify plane figures
* Draw plane figures on a dot grid
* Make shapes using a geoboard
* Connect math to the biblical worldview truth that God put people in the world to work
 |
| 131 | 265–66 | 261–62 | * Practice multiplication facts
* Order 2-digit numbers on a number line
 | * Compose shapes from given shapes and identify the new shapes
* Compose an object using shapes
* Connect math to the biblical worldview truth that God put people in the world to work
 |

| Lesson | Worktext Pages | ReviewsPages | Practice and Review Objectives | Lesson Objectives |
| --- | --- | --- | --- | --- |
| 132 | 267–68 | 263–64 | * Practice facts
* Use >, <, or = to compare 2- and 3-digit numbers
 | * Decompose a shape into 2 other shapes
* Identify the number of unit squares in a rectangle and a square
* Connect math to the biblical worldview truth that God put people in the world to work
 |
| 133 | 269–70 | 265–66 | * Practice facts
* Identify the shape that is the same shape and size
 | * Identify the surfaces of solid figures
* Determine if a figure’s surfaces allow it to roll or to slide and stack
 |
| 134 | 271–72 | 267–68 | * Practice facts
* Review solid figures
 | * Identify solid figures
* Identify prisms
* Connect math to the biblical worldview truth that God put people in the world to work
 |
| 135 | 273–74 | 269–70 | * Practice facts
* Identify the shape that belongs
 | * Identify parts of a solid figure
* Identify, label, and draw the faces of solid figures
* Connect math to the biblical worldview truth that God put people in the world to work
 |
| 136 | 275–76 | 271–72 | * Practice facts
* Review the expanded form of a number
 | * Develop an understanding of perimeter
* Find the perimeter of a figure
* Solve a word problem and interpret the solution
 |
| 137 | 277–78 | 273–74 |  | * Review drawing plane figures on a dot grid
* Review composing new shapes from given shapes
* Review decomposing a shape into 2 other shapes
* Review identifying the number of unit squares in a rectangle and a square
* Review identifying the surfaces of a solid figure
* Review identifying the faces of a solid figure
* Review the biblical worldview truth that God put people in the world to work
 |
| 138 |  | 275–76 |  | Concept Review |
| Chapter 17 • Place Value: 4-Digit Numbers |
| 139 | 279–82 | 277–78 | * Practice multiplication facts
* Use a number line to subtract from a 2-digit number by decomposing
 | * Count by 100s to 1000
* Write 4-digit numbers using place value
* Connect place value to the biblical worldview truth that the world was designed by God
 |
| 140 | 283–84 | 279–80 | * Practice multiplication facts
* Practice math concepts
 | * Write a 4-digit number in the expanded form
* Identify the value of a digit within a number
* Solve a word problem and interpret the solution
 |
| 141 | 285–86 | 281–82 | * Practice facts
* Solve 2- and 3-digit subtraction problems
 | * Round to the nearest thousand
* Indicate a 4-digit number on a number line
 |
| 142 | 287–88 | 283–84 | * Practice facts
* Write the fraction that names the unshaded part of the whole
 | * Order 4-digit numbers from least to greatest
* Compare 4-digit numbers using >, <, or =
* Create the greatest possible number and the least possible number using 4 different digits
* Connect place value to the biblical worldview truth that the world was designed by God
 |
| 143 | 289–90 | 285–86 | * Practice facts
* Determine the value of a set of coins
 | * Add 4-digit numbers without renaming
* Subtract 4-digit numbers without renaming
* Connect place value to the biblical worldview truth that the world was designed by God
 |

| Lesson | Worktext Pages | ReviewsPages | Practice and Review Objectives | Lesson Objectives |
| --- | --- | --- | --- | --- |
| 144 | 291–92 | 287–88 | * Practice facts
* Solve a money word problem
 | * Rename 10 hundreds as 1 thousand
* Add 4-digit numbers, renaming ones, tens, or hundreds
* Solve a word problem and interpret the solution
* Connect place value to the biblical worldview truth that the world was designed by God
 |
| 145 | 293–94 | 289–90 | * Practice facts
* Count by 10s to 100
 | * Rename 1 thousand as 10 hundreds
* Subtract 4-digit numbers, renaming 1 thousand as 10 hundreds
* Solve a word problem and interpret the solution
 |
| 146 | 295–96 | 291–92 |  | * Review writing a 4-digit number using place value
* Review writing a 4-digit number in expanded form
* Review identifying the value of a digit in a 4-digit number
* Review rounding to the nearest thousand
* Review comparing 4-digit numbers using >, <, or =
* Review adding and subtracting 4-digit numbers without renaming
* Review solving a word problem and interpreting the solution
* Review the biblical worldview truth that the world was designed by God
 |
| 147 |  | 293–94 |  | Concept Review |
| Chapter 18 • Metric Measurement |
| 148 | 297–300 | 295–96 | * Practice multiplication facts
* Identify the value of each digit in a number
 | * Recognize the centimeter as a standard measurement unit
* Measure length using centimeters
* Draw a line that is a given number of centimeters long
 |
| 149 | 301–2 | 297–98 | * Practice multiplication facts
* Practice math concepts
 | * Measure the length or height of an object to the nearest centimeter or meter
* Determine whether centimeters or meters are the better measuring unit
* Solve a word problem and interpret the solution
 |
| 150 | 303–4 | 299–300 | * Practice facts
* Identify a shape by its attributes
 | * Determine the correct measurement tool to use
* Estimate the measurement of an object using centimeters or meters
* Connect metric measurement to the biblical worldview truth that God wants us to show love to other people
 |
| 151 | 305–6 | 301–2 | * Practice facts
* Compare 2- and 3-digit values using >, <, or =
 | * Read a thermometer and write the temperature
* Write the temperature that is 10° higher or 10° lower than a given temperature
* Identify the best activity for a given temperature
 |
| 152 | 307–8 | 303–4 | * Practice facts
* Practice math concepts
 | * Determine whether an object has a mass of more than or less than 1 gram or 1 kilogram
* Recognize a liter as a measurement unit for capacity
* Determine whether a container has a capacity of more than or less than 1 liter
 |

| Lesson | Worktext Pages | ReviewsPages | Practice and Review Objectives | Lesson Objectives |
| --- | --- | --- | --- | --- |
| 153 | 309–10 | 305–6 | * Practice facts
* Determine the value of a set of coins by counting on
 | * Determine the perimeter of a figure using centimeters or meters
* Measure to find the perimeter of a figure using centimeters
* Solve a word problem and interpret the solution
* Connect metric measurement to the biblical worldview truth that God wants us to show love to other people
 |
| 154 | 311–12 | 307–8 | * Practice facts
* Write the fraction that names the shaded part of the whole
 | * Read a line plot and compare measurement data
* Write an equation to compare measurement data on a line plot
* Connect metric measurement to the biblical worldview truth that God wants us to show love to other people
 |
| 155 | 313–14 | 309–10 |  | * Review measuring length to the nearest centimeter or meter
* Review determining mass of more than or less than 1 gram or 1 kilogram
* Review determining capacity of more than or less than 1 liter
* Review reading a thermometer and writing the temperature
* Review determining the perimeter of a figure using centimeters or meters
* Review solving a word problem and interpreting the solution
* Review the biblical worldview truth that God wants us to show love to other people
 |
| 156 |  | 311–12 |  | Concept Review |
| Chapter 19 • Introduction to Division |
| 157 | 315–18 | 313–14 | * Practice multiplication facts
* Practice mental math
 | * Review multiplication and its relationship to addition
* Divide a set of objects into equal sets
* Relate division to repeated subtraction
* Connect division to the biblical worldview truth that God put people in the world to work
 |
| 158 | 319–20 | 315–16 | * Practice multiplication facts
* Solve a word problem and interpret the solution
 | * Partition objects into a given number of sets
* Use reasoning to divide objects into an equal number of sets with pictures
* Connect math to the biblical worldview truth that God put people in the world to work
 |
| 159 | 321–22 | 317–18 | * Practice facts
* Round a number to the nearest 10
 | * Draw pictures to solve division problems
* Connect math to the biblical worldview truth that God put people in the world to work
 |
| 160 | 323–24 | 319–20 | * Review multiplication facts
* Practice math concepts
 | * Write and solve division equations
* Solve a division fact and check it with multiplication
* Connect math to the biblical worldview truth that God put people in the world to work
 |
| 161 | 325–26 | 321–22 | * Review multiplication facts
* Practice math concepts
 | * Solve a word problem and interpret the solution
 |

| Lesson | Worktext Pages | ReviewsPages | Practice and Review Objectives | Lesson Objectives |
| --- | --- | --- | --- | --- |
| 162 | 327–28 | 323–24 |  | * Review dividing objects into sets of a known size
* Review dividing objects equally into a given number of sets
* Review relating division to repeated subtraction
* Review solving a word problem and interpreting the solution
* Review the biblical worldview truth that God put people in the world to work
 |
| 163 |  | 325–26 |  | Concept Review |
| Chapter 20 • Division Facts |
| 164 | 329–32 | 327–28 | * Practice multiplication facts
 | * Divide objects into sets of 2 or 3
* Divide objects into 2 or 3 equal sets
* Connect math to the biblical worldview truth that people are important
 |
| 165 | 333–34 | 329–30 | * Practice facts
* Practice math concepts
 | * Divide objects into sets of 4 or 5
* Divide objects into 4 or 5 equal sets
* Connect math to the biblical worldview truth that people are important
 |
| 166 | 335–36 | 331–32 | * Practice facts
* Practice mental math
 | * Use a bar model to divide objects into equal sets
* Solve a word problem and interpret the solution
 |
| 167 | 337–38 | 333–34 | * Practice facts
* Practice math concepts
 | * Divide a set of objects into sets of 1
* Divide a set of objects into 1 set
* Divide into equal sets with some left over
* Connect math to the biblical worldview truth that people are important
 |
| 168 | 339–40 | 335–36 | * Practice facts
* Determine whether a number is even or odd
 | * Solve a word problem and interpret the solution
 |
| 169 | 341–42 | 337–38 |  | * Review dividing objects into a given set size
* Review dividing objects equally into a given number of sets
* Review using a bar model to picture division
* Review checking division with multiplication
* Review connecting math to the biblical worldview truth that people are important
 |
| 170 |  | 339–40 |  | Concept Review |
| Chapter 21 • Math Review |
| 171 | 343–46 |  | * Practice multiplication facts
 | * Review addition and addition strategies
* Review the biblical worldview truth that the world was designed by God
 |
| 172 | 347–48 |  | * Practice facts
 | * Review takeaway subtraction and subtraction strategies
* Review using subtraction to compare sets
* Review the biblical worldview truth that the world was designed by God
 |
| 173 | 349–50 |  | * Practice facts
 | * Review picturing and interpreting the base-10 place value system
* Review writing numbers in expanded form
* Review rounding to estimate the answer when an exact amount is not needed
 |
| Lesson | Worktext Pages | ReviewsPages | Practice and Review Objectives | Lesson Objectives |
| 174 | 351–52 |  | * Practice facts
 | * Review counting sets of mixed coins to determine their value
* Review counting sets of mixed bills to determine their value
* Review adding amounts of money
* Review the biblical worldview truth that math has limits
 |
| 175 | 353–54 |  | * Practice facts
 | * Review adding with and without renaming
* Review subtracting with and without renaming
 |
| 176 | 355–56 |  | * Practice facts
 | * Review measuring length and height using customary measurements
* Review measuring length and height using metric measurements
* Review reading Fahrenheit and Celsius thermometers
 |
| 177 | 357–58 |  | * Practice facts
 | * Review identifying and naming the number of equal parts in the whole
* Review partitioning a whole to show equal parts
* Review the attributes of shapes and compose shapes
* Review the biblical worldview truth that God put people in the world to work
 |
| 178 | 359–60 |  | * Practice facts
 | * Review reading and picturing multiplication
* Interpret multiplication scenarios
 |
| 179 | 361–62 |  | * Practice facts
 | * Review dividing objects into sets of a given size
* Review dividing objects equally into a given number of sets
* Review the biblical worldview truth that people are important
 |
| 180 | 363–64 |  | * Practice facts
 | * Review the steps in the Problem-Solving Model
 |