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.

Lesson	Worktext Pages	Reviews Pages	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	Reviews Pages	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
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

Lesson	Worktext Pages	Reviews Pages	Practice and Review Objectives	Lesson Objectives
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
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

Lesson	Worktext Pages	Reviews Pages	Practice and Review Objectives	Lesson Objectives
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
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

Lesson	Worktext Pages	Reviews Pages	Practice and Review Objectives	Lesson Objectives
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
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

Lesson	Worktext Pages	Reviews Pages	Practice and Review Objectives	Lesson Objectives
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
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	Reviews Pages	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
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

Lesson	Worktext Pages	Reviews Pages	Practice and Review Objectives	Lesson Objectives
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
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

Lesson	Worktext Pages	Reviews Pages	Practice and Review Objectives	Lesson Objectives
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
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**

Lesson	Worktext Pages	Reviews Pages	Practice and Review Objectives	Lesson Objectives
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
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
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

Lesson	Worktext Pages	Reviews Pages	Practice and Review Objectives	Lesson Objectives
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
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

Lesson	Worktext Pages	Reviews Pages	Practice and Review Objectives	Lesson Objectives
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
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

Lesson	Worktext Pages	Reviews Pages	Practice and Review Objectives	Lesson Objectives
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
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**

Lesson	Worktext Pages	Reviews Pages	Practice and Review Objectives	Lesson Objectives
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
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*