

Math 3, 4th Edition

Lesson Plan Overview

Lesson	Worktext Pages	Reviews Pages	Lesson Objectives
Chapter 1 • Addition & Subtraction Facts			
1	1–2		<ul style="list-style-type: none"> • Identify instances of addition in the story • Solve addition problems in the story • Explain the biblical worldview truth that math helps people work by accomplishing a task
2	3–4	1–2	<ul style="list-style-type: none"> • Use the <i>counting-on</i> strategies and the Identity Property to solve addition facts • Compose 10 on the Ten Frame and on the number line • Apply the doubles strategy to find the sums of double and near-double facts • Apply the <i>make-10</i> strategy for a sum of more than 10
3	5–6	3–4	<ul style="list-style-type: none"> • Use the <i>counting-back</i> strategies and the Zero Property of Subtraction to solve subtraction facts • Interpret the results of subtracting all and subtracting nearly all • Subtract from 10 • Subtract back to 10, and then subtract the remaining part • Explain the biblical worldview truth that math helps people work by accomplishing a task
4	7–8	5–6	<ul style="list-style-type: none"> • Apply the Associative Property of Addition to solve 3-addend problems • Solve 3- and 4-addend problems using addition strategies • Explain the biblical worldview truth that math helps people work by accomplishing a task
5	9–10	7–8	<ul style="list-style-type: none"> • Apply the Commutative Property of Addition • Relate addition and subtraction using fact families • Complete a missing-addend equation with a variable • Solve a missing-addend word problem and interpret the solution
6	11–12	9–10	<ul style="list-style-type: none"> • Relate addition and subtraction using fact families • Complete a missing-addend equation with a variable • Solve a missing-addend word problem using a related fact • Explain the biblical worldview truth that math helps people work by accomplishing a task
7	13–14	11–12	<ul style="list-style-type: none"> • Relate addition and subtraction using fact families • Check addition using a related subtraction fact • Solve a word problem and interpret the solution • Solve a missing-addend word problem with a variable
8	15–16	13–14	<ul style="list-style-type: none"> • Review the concepts presented in Chapter 1 in preparation for the Chapter 1 Test • Explain the biblical worldview truth that math helps people work by accomplishing a task
9		15–16	Concept Review
Chapter 2 • Place Value to 1,000,000			
10	17–20	17–18	<ul style="list-style-type: none"> • Identify numbers as even or odd • Read and write 3-digit numbers in standard and expanded form • Identify the number that is 1 more or 1 less, 10 more or 10 less, or 100 more or 100 less than a given number • Connect math to the biblical worldview truth that things that are designed are things that are planned
11	21–22	19–20	<ul style="list-style-type: none"> • Identify 10 hundreds as 1 one thousand • Identify the value of a digit in a 4-digit number • Read and write 4-digit numbers in standard and expanded form

Lesson	Worktext Pages	Reviews Pages	Lesson Objectives
12	23–24	21–22	<ul style="list-style-type: none"> Round numbers to the nearest ten, hundred, or one thousand Connect math to the biblical worldview truth that things that are designed are things that are planned
13	25–26	23–24	<ul style="list-style-type: none"> Count on by 10s and 100s from any number Identify 10 one thousands as 1 ten thousand Read and write 5-digit numbers in standard and expanded form Compare 4- and 5-digit numbers using $>$, $<$, or $=$
14	27–28	25–26	<ul style="list-style-type: none"> Identify 10 ten thousands as 1 hundred thousand and 10 hundred thousands as 1 million Read and write 6-digit numbers in standard and expanded form Compare 6-digit numbers using $>$, $<$, or $=$ Order 4-digit numbers from least to greatest Connect math to the biblical worldview truth that things that are designed are things that are planned
15	29–30	27–28	<ul style="list-style-type: none"> Write Roman numerals 1–12 Identify a number's ordinal position Solve a word problem with ordinal numbers
16	31–32	29–30	<ul style="list-style-type: none"> Review the concepts presented in Chapter 2 in preparation for the Chapter 2 Test Connect math to the biblical worldview truth that things that are designed are things that are planned
17		31–32	Concept Review
Chapter 3 • Addition & Subtraction: 2- & 3-Digit Numbers			
18	33–36	33–34	<ul style="list-style-type: none"> Add 2- and 3-digit numbers without renaming Estimate the sum of an addition problem by rounding to the nearest ten or the nearest hundred Write an equation for a word problem Connect math to the biblical worldview truth that people are made in the image of God
19	37–38	35–36	<ul style="list-style-type: none"> Rename 10 ones as 1 ten or 10 tens as 1 hundred Add 2- and 3-digit numbers, renaming 10 ones as 1 ten or 10 tens as 1 hundred
20	39–40	37–38	<ul style="list-style-type: none"> Compare 2- and 3-digit numbers using $>$, $<$, or $=$ Add 2- and 3-digit numbers, renaming 10 ones as 1 ten or 10 tens as 1 hundred Solve a 2- or 3-digit addition word problem and interpret the solution Connect math to the biblical worldview truth that people are made in the image of God
21	41–42	39–40	<ul style="list-style-type: none"> Order 2- and 3-digit numbers from least to greatest Add 2- and 3-digit numbers with renaming Add 2- and 3-digit numbers with 3 addends Solve a word problem with 3 addends and interpret the solution
22	43–44	41–42	<ul style="list-style-type: none"> Subtract 2- and 3-digit numbers without renaming Estimate the difference of a subtraction problem by rounding to the nearest ten or the nearest hundred Subtract 2- and 3-digit numbers, renaming 1 ten as 10 ones Solve a subtraction word problem and interpret the solution
23	45–46	43–44	<ul style="list-style-type: none"> Rename 1 ten as 10 ones or 1 hundred as 10 tens Subtract 2- and 3-digit numbers, renaming 1 ten as 10 ones or 1 hundred as 10 tens
24	47–48	45–46	<ul style="list-style-type: none"> Subtract 2- and 3-digit numbers, renaming 1 ten as 10 ones or 1 hundred as 10 tens Solve a subtraction word problem and interpret the solution Connect math to the biblical worldview truth that people are made in the image of God
25	49–50	47–48	<ul style="list-style-type: none"> Subtract 2- and 3-digit numbers with renaming Check a subtraction problem using addition

			<ul style="list-style-type: none"> • Solve a multi-step word problem and interpret the solution
26	51–52	49–50	<ul style="list-style-type: none"> • Review the concepts presented in Chapter 3 in preparation for the Chapter 3 Test • Connect math to the biblical worldview truth that people are made in the image of God
27		51–52	Concept Review
Lesson	Worktext Pages	Reviews Pages	Lesson Objectives
Chapter 4 • Data			
28	53–56	53–54	<ul style="list-style-type: none"> • Read and interpret a chart • Complete a table • Solve a word problem using a chart and a table and interpret the solution • Recall the biblical worldview truth that math is limited
29	57–58	55–56	<ul style="list-style-type: none"> • Read a tally chart and compare the data • Read a picture graph and compare the data • Write an equation to compare data on a picture graph
30	59–60	57–58	<ul style="list-style-type: none"> • Collect data for a tally chart • Create a line plot and a bar graph from a tally chart • Read and interpret a line plot and a bar graph • Compare a bar graph to a line plot and a tally chart
31	61–62	59–60	<ul style="list-style-type: none"> • Create a scaled bar graph and compare the data • Read a scaled bar graph • Write an equation to compare data on a bar graph
32	63–64	61–62	<ul style="list-style-type: none"> • Write ordered pairs to identify points on a coordinate graph • Locate coordinate points on a coordinate graph • Create a coordinate graph • Recall the biblical worldview truth that math is limited
33	65–66	63–64	<ul style="list-style-type: none"> • Read and interpret a circle graph • Locate coordinate points on a coordinate graph • Write ordered pairs to identify points on a coordinate graph • Explain the biblical worldview truth that math is limited
34	67–68	65–66	<ul style="list-style-type: none"> • Review the concepts presented in Chapter 4 in preparation for the Chapter 4 Test • Apply the biblical worldview truth that math is limited
35		67–68	Concept Review
Chapter 5 • Addition & Subtraction: 4- & 5-Digit Numbers			
36	69–72	69–70	<ul style="list-style-type: none"> • Rename 10 hundreds as 1 one thousand • Add 4-digit numbers, renaming 10 hundreds as 1 one thousand • Estimate the sum by rounding to the nearest one thousand • Solve a word problem and interpret the solution • Connect addition and subtraction to the biblical worldview truth that math is a powerful tool to help people work
37	73–74	71–72	<ul style="list-style-type: none"> • Add 4-digit numbers, renaming hundreds, tens, or ones • Estimate the sum by rounding to the nearest one thousand • Round 3- and 4-digit numbers to the nearest ten and the nearest hundred • Solve a word problem and interpret the solution
38	75–76	73–74	<ul style="list-style-type: none"> • Compare 3- and 4-digit numbers using $>$, $<$, or $=$ • Add 4-digit numbers, renaming hundreds, tens, and ones • Solve a word problem and interpret the solution
39	77–78	75–76	<ul style="list-style-type: none"> • Order 3- and 4-digit numbers from least to greatest • Add 4- and 5-digit numbers with renaming • Solve addition problems with 3 addends • Connect addition and subtraction to the biblical worldview truth that math is a powerful tool to help people work
40	79–80	77–78	<ul style="list-style-type: none"> • Rename 1 one thousand as 10 hundreds • Subtract 4-digit numbers, renaming 1 one thousand as 10 hundreds • Estimate the difference by rounding to the nearest one thousand

			<ul style="list-style-type: none"> • Read a bar graph and compare the data
41	81–82	79–80	<ul style="list-style-type: none"> • Subtract 4-digit numbers with renaming • Estimate the difference by rounding to the nearest one thousand, hundred, or ten • Solve a multi-step word problem and interpret the solution

Lesson	Worktext Pages	Reviews Pages	Lesson Objectives
42	83–84	81–82	<ul style="list-style-type: none"> • Subtract 4- and 5-digit numbers with renaming • Check a subtraction problem with addition • Solve a missing-addend word problem with a variable
43	85–86	83–84	<ul style="list-style-type: none"> • Subtract 4- and 5-digit numbers with renaming • Check a subtraction problem with addition • Subtract 3- and 4-digit numbers with zeros in the Tens and Ones places • Solve a word problem with a variable and interpret the solution • Connect addition and subtraction to the biblical worldview truth that math is a powerful tool to help people work
44	87–88	85–86	<ul style="list-style-type: none"> • Subtract 3- and 4-digit numbers with zeros in the Tens and Ones places • Check a subtraction problem with addition • Subtract 4-digit numbers with zeros in the Hundreds, Tens, and Ones places • Solve a multi-step word problem and interpret the solution
45	89–90	87–88	<ul style="list-style-type: none"> • Review the concepts presented in Chapter 5 in preparation for the Chapter 5 Test • Connect addition and subtraction to the biblical worldview truth that math is a powerful tool to help people work
46		89–90	Concept Review

Chapter 6 • Multiplication Facts to 5

47	91–94	91–92	<ul style="list-style-type: none"> • Write and solve a repeated-addition equation for a picture • Write and solve a multiplication equation for equal sets of pictures • Interpret the function of each factor by picturing a multiplication equation • Solve a multiplication word problem and interpret the solution • Recall the biblical worldview truth that the patterns multiplication represents show the world is designed
48	95–96	93–94	<ul style="list-style-type: none"> • Apply the Commutative Property of Multiplication • Complete a multiplication equation with 2 as a factor, using skip counting and the doubles strategy • Complete a multiplication equation with 5 as a factor, using skip counting • Solve a multiplication problem and interpret the solution
49	97–98	95–96	<ul style="list-style-type: none"> • Use skip counting and a number line to solve a multiplication equation with 3 as a factor • Use an array to solve a multiplication equation with 3 as a factor • Apply the Commutative Property of Multiplication • Solve a multiplication word problem and interpret the solution • Recall the biblical worldview truth that the patterns multiplication represents show the world is designed
50	99–100	97–98	<ul style="list-style-type: none"> • Use skip counting and a number line to solve a multiplication equation with 4 as a factor • Use an array to solve a multiplication equation with 4 as a factor • Picture and solve a related multiplication fact • Solve a multiplication word problem and interpret the solution
51	101–2	99–100	<ul style="list-style-type: none"> • Apply the Commutative Property of Multiplication • Picture and solve a multiplication equation with 3 or 4 as a factor • Complete a missing-factor equation with a variable • Solve a multiplication word problem and interpret the solution
52	103–4	101–2	<ul style="list-style-type: none"> • Solve a multiplication equation with 1 or 0 as a factor • Define and apply the Identity Property of Multiplication

			<ul style="list-style-type: none"> • Define and apply the Zero Property of Multiplication • Create an array to picture a multiplication equation • Solve a multiplication word problem and interpret the solution • Explain the biblical worldview truth that the patterns multiplication represents show the world is designed
53	105–6	103–4	<ul style="list-style-type: none"> • Review the concepts presented in Chapter 6 in preparation for the Chapter 6 Test • Recall the biblical worldview truth that the patterns multiplication represents show the world is designed
54		105–6	Concept Review
Lesson	Worktext Pages	Reviews Pages	Lesson Objectives
Chapter 7 • Division Facts to 5			
55	107–10	107–8	<ul style="list-style-type: none"> • Review multiplication and its relationship to addition • Divide a set of objects into equal sets • Relate division to repeated subtraction, using a number line • Recall the biblical worldview truth that using math helps meet people's needs
56	111–12	109–10	<ul style="list-style-type: none"> • Identify the dividend, divisor, and quotient in a division equation • Divide a set of objects into sets of 2, using strategies • Relate division to multiplication
57	113–14	111–12	<ul style="list-style-type: none"> • Divide a set of objects into sets of 5, using strategies • Complete a missing-factor equation to find a quotient • Solve a division word problem and interpret the solution
58	115–16	113–14	<ul style="list-style-type: none"> • Divide a set of objects into sets of 3, using strategies • Complete a division equation using the division sign and a division frame • Write related division and multiplication equations for a picture • Solve a word problem and interpret the solution • Explain the biblical worldview truth that using division helps meet people's needs
59	117–18	115–16	<ul style="list-style-type: none"> • Divide a set of objects into sets of 4, using strategies • Write a related multiplication fact to find a quotient • Write related division and multiplication equations for a picture • Solve a word problem and interpret the solution
60	119–20	117–18	<ul style="list-style-type: none"> • Divide a set of objects into sets of 1, using strategies • Check a division fact with multiplication • Solve a word problem and interpret the solution
61	121–22	119–20	<ul style="list-style-type: none"> • Divide a set of objects into equal sets, using pictures and bar models • Complete a division fact with zero as the dividend • Write related division and multiplication equations for a picture • Apply the biblical worldview truth that using division helps meet people's needs
62	123–24	121–22	<ul style="list-style-type: none"> • Review the concepts presented in Chapter 7 in preparation for the Chapter 7 Test • Recall the biblical worldview truth that using division helps meet people's needs
63		123–24	Concept Review
Chapter 8 • Time & Calendars			
64	125–28	125–26	<ul style="list-style-type: none"> • Tell, write, and show time to the 5-minute interval • Tell, write, and show time to the quarter-hour • Write numerical equivalents for the hour, half-hour, and quarter-hour • Recall the biblical worldview truth that math does not tell us where the world came from
65	129–30	127–28	<ul style="list-style-type: none"> • Differentiate between a.m. and p.m. and between midnight and noon • Tell time using <i>before</i> or <i>after</i> • Tell, write, and show time to the 1-minute interval • Determine the elapsed time to the hour

66	131–32	129–30	<ul style="list-style-type: none"> • Differentiate between a.m. and p.m. and between midnight and noon • Tell, write, and show time to the 1-minute interval • Tell and write time using <i>before</i> or <i>after</i> • Determine the elapsed time to the half-hour and 5-minute interval • Solve elapsed-time word problems
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Lesson	Worktext Pages	Reviews Pages	Lesson Objectives
67	133–34	131–32	<ul style="list-style-type: none"> • Name the months of the year in order • Identify the position of a day or month • Read a calendar and write a calendar date in word form and number form • Recall the biblical worldview truth that math does not tell us where the world came from
68	135–36	133–34	<ul style="list-style-type: none"> • Determine the elapsed time to the 5-minute interval • Determine the future elapsed time • Determine the future elapsed date • Solve elapsed-time word problems
69	137–38	135–36	<ul style="list-style-type: none"> • Tell, write, and show time to the 1-minute interval • Determine the elapsed or future elapsed time • Determine the elapsed or future elapsed date • Solve elapsed-time word problems and interpret the solution • Explain the biblical worldview truth that math does not tell us where the world came from
70	139–40	137–38	<ul style="list-style-type: none"> • Review the concepts presented in Chapter 8 in preparation for the Chapter 8 Test • Apply the biblical worldview truth that math does not tell us where the world came from
71		139–40	Concept Review

Chapter 9 • Customary Measurement

72	141–44	141–42	<ul style="list-style-type: none"> • Estimate the weight of an object using ounces or pounds • Compare weight using $>$, $<$, or $=$ • Solve a measurement word problem and interpret the solution • Recall the biblical worldview truth that math helps save people's lives
73	145–46	143–44	<ul style="list-style-type: none"> • Recognize cups, pints, quarts, and gallons as units of measurement of capacity • Determine the appropriate unit of capacity • Estimate and measure the capacity of an object • Compare capacity using $>$, $<$, or $=$ • Solve a capacity word problem and interpret the solution
74	147–48	145–46	<ul style="list-style-type: none"> • Recognize inches and feet as standard units of measurement • Draw a line to the nearest inch or half-inch • Estimate and measure length, height, or distance to the nearest foot, inch, or half-inch • Compare lengths using $>$, $<$, or $=$ • Recall the biblical worldview truth that math helps save people's lives
75	149–50	147–48	<ul style="list-style-type: none"> • Determine the best measurement: inches, feet, or yards • Estimate and measure length or height to the nearest inch, foot, or yard • Recognize the mile as a standard unit of measurement for distance • Use a map key to determine distance • Recall the biblical worldview truth that math helps save people's lives
76	151–52	149–50	<ul style="list-style-type: none"> • Read a thermometer and write the temperature to the 1-degree interval • Match outdoor activities to Fahrenheit temperatures • Identify standard Fahrenheit temperatures
77	153–54	151–52	<ul style="list-style-type: none"> • Review the concepts presented in Chapter 9 in preparation for the Chapter 9 Test • Apply the biblical worldview truth that math helps save people's lives

78		153–54	Concept Review
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Lesson	Worktext Pages	Reviews Pages	Lesson Objectives
Chapter 10 • Fractions			
79	155–58	155–56	<ul style="list-style-type: none"> Identify and name the number of equal parts in the whole Write the fraction that names the part of the whole Identify and relate the terms <i>numerator</i> and <i>denominator</i> to their meanings Color the part of the shape that illustrates the fraction Explain the biblical worldview truth that math does not tell us what is wrong
80	159–60	157–58	<ul style="list-style-type: none"> Identify and represent a fraction on a number line Compare fractions with the same denominator using $>$ or $<$ Order fractions with the same denominator from least to greatest Picture the whole when the part is known
81	161–62	159–60	<ul style="list-style-type: none"> Order fractions with the same denominator from least to greatest Recognize and write equivalent fractions Compare fractions with the same denominator or the same numerator using $>$, $<$, or $=$ Solve a fraction word problem and interpret the solution
82	163–64	161–62	<ul style="list-style-type: none"> Identify and read a mixed number Write a mixed number for a picture representation Compare mixed numbers using $>$, $<$, or $=$ Express whole numbers as fractions and fractions as whole numbers Solve a fraction word problem and interpret the solution Recall the biblical worldview truth that math does not tell us what is wrong
83	165–66	163–64	<ul style="list-style-type: none"> Identify and write equivalent fractions Compare fractions and mixed numbers using $>$, $<$, or $=$ Represent a mixed number Solve a fraction word problem and interpret the solution
84	167–68	165–66	<ul style="list-style-type: none"> Identify part of a set and explain how the terms <i>numerator</i> and <i>denominator</i> relate to a set Write the fraction that names part of a set Represent the fraction that names part of a set Solve a fraction word problem and interpret the solution
85	169–70	167–68	<ul style="list-style-type: none"> Write the fraction that names part of a set Determine the fraction of a set Represent the fraction that names part of a set Write a division equation to determine the fraction of a set Picture the whole set when part of the set is known Explain the biblical worldview truth that math does not tell us what is wrong
86	171–72	169–70	<ul style="list-style-type: none"> Add like fractions Subtract like fractions Solve a fraction word problem and interpret the solution
87	173–74	171–72	<ul style="list-style-type: none"> Review the concepts presented in Chapter 10 in preparation for the Chapter 10 Test Apply the biblical worldview truth that math does not tell us what is wrong
88		173–74	Concept Review
Chapter 11 • Multiplication Facts to 10			
89	175–78	175–76	<ul style="list-style-type: none"> Solve multiplication facts with 0–5 as factors Apply the Commutative, Zero, and Identity Properties of Multiplication Solve a multiplication fact with 10 as a factor Color an array to solve a word problem Recall the biblical worldview truth that God made us to work

Lesson	Worktext Pages	Reviews Pages	Lesson Objectives
90	179–80	177–78	<ul style="list-style-type: none"> • Use strategies to solve a multiplication fact with 6 as a factor • Use the doubles strategy to solve a multiplication fact • Solve a word problem and interpret the solution • Write a word problem for a multiplication equation
91	181–82	179–80	<ul style="list-style-type: none"> • Use strategies to solve a multiplication fact with 7 as a factor • Apply the Commutative Property of Multiplication • Complete a missing-factor equation • Solve a multi-step word problem and interpret the solution
92	183–84	181–82	<ul style="list-style-type: none"> • Use strategies to solve a multiplication fact with 6 or 7 as a factor • Apply the Commutative Property of Multiplication • Solve a multi-step word problem and interpret the solution • Write a word problem for a multiplication equation • Apply the biblical worldview truth that God made us to work
93	185–86	183–84	<ul style="list-style-type: none"> • Use strategies to solve multiplication facts with 8 as a factor • Use the doubles strategy to solve a multiplication fact • Complete a missing-factor equation • Identify word problems with too little information
94	187–88	185–86	<ul style="list-style-type: none"> • Use strategies to solve multiplication facts with 9 as a factor • Use a fact with 10 as a factor to solve a fact with 9 as a factor • Apply the Commutative Property of Multiplication • Solve a word problem and interpret the solution • Write a word problem for a multiplication equation
95	189–90	187–88	<ul style="list-style-type: none"> • Use strategies to solve multiplication facts with 8, 9, or 10 as a factor • Solve a multi-step word problem and interpret the solution • Identify a word problem with too little information • Explain the biblical worldview truth that God made us to work
96	191–92	189–90	<ul style="list-style-type: none"> • Apply the Associative Property of Multiplication to solve multiplication facts • Solve a multiplication equation with 3 factors • Solve a word problem and interpret the solution
97	193–94	191–92	<ul style="list-style-type: none"> • Use logic to extend a number sequence • Identify and represent square numbers
98	195–96	193–94	<ul style="list-style-type: none"> • Review the concepts presented in Chapter 11 in preparation for the Chapter 11 Test • Explain the biblical worldview truth that God made us to work
99		195–96	Concept Review
Chapter 12 • Division Facts to 10			
100	197–200	197–98	<ul style="list-style-type: none"> • Relate division to repeated subtraction • Divide a set of objects into sets of 6, using strategies • Solve a division fact and check with multiplication • Recall the biblical worldview truth that only God could have designed this world
101	201–2	199–200	<ul style="list-style-type: none"> • Divide a set of objects into sets of 7, using strategies • Use a division frame to complete a division fact • Write a missing-factor equation to solve a division equation • Solve a word problem and interpret the solution
102	203–4	201–2	<ul style="list-style-type: none"> • Divide a set of objects into sets of 8 or into 8 equal sets, using strategies • Picture division problems • Explain the biblical worldview truth that only God could have designed this world

Lesson	Worktext Pages	Reviews Pages	Lesson Objectives
103	205–6	203–4	<ul style="list-style-type: none"> • Use a bar model to divide objects into equal sets • Picture division problems • Solve a division word problem and interpret the solution
104	207–8	205–6	<ul style="list-style-type: none"> • Divide a set of objects into sets of 9 or into 9 equal sets, using strategies • Write related facts for a fact family • Solve a word problem and interpret the solution • Solve a multi-step word problem
105	209–10	207–8	<ul style="list-style-type: none"> • Write and picture division equations • Divide a set of objects into equal sets with a remainder
106	211–12	209–10	<ul style="list-style-type: none"> • Divide a set of objects into sets of 10, using skip counting • Write related facts for a fact family • Divide a set of objects into equal sets with a remainder • Apply the biblical worldview truth that only God could have designed this world
107	213–14	211–12	<ul style="list-style-type: none"> • Review the concepts presented in Chapter 12 in preparation for the Chapter 12 Test • Apply the biblical worldview truth that only God could have designed this world
108		213–14	Concept Review
Chapter 13 • Geometry			
109	215–18	215–16	<ul style="list-style-type: none"> • Identify and describe a line, a line segment, and a ray • Identify and describe horizontal and vertical lines • Identify and describe parallel and intersecting lines • Identify and describe an angle and a right angle • Recall the biblical worldview truth that the design in the world is very complex
110	219–20	217–18	<ul style="list-style-type: none"> • Draw and label a line, a line segment, and a ray • Differentiate between horizontal, vertical, parallel, and intersecting lines • Identify a line segment, an angle, and a vertex • Identify and draw a right angle • Extend a pattern
111	221–22	219–20	<ul style="list-style-type: none"> • Define perimeter • Find the perimeter of a figure using inches, feet, or yards • Find an unknown side length when given the perimeter • Solve a perimeter word problem and interpret the solution
112	223–24	221–22	<ul style="list-style-type: none"> • Define area and recognize that area is measured in square units • Find the area of a figure • Relate the area of a figure to the operations of multiplication and addition • Solve an area word problem and interpret the solution • Explain the biblical worldview truth that the design in the world is very complex
113	225–26	223–24	<ul style="list-style-type: none"> • Find the area of an irregular figure • Relate the area of irregular figures to the operations of multiplication and addition • Solve an area word problem and interpret the solution
114	227–28	225–26	<ul style="list-style-type: none"> • Find the perimeter of a figure • Solve perimeter and area word problems and interpret the solution • Find the area of irregular figures • Show 2 rectangles with the same area and different perimeters or with the same perimeter and different areas • Apply the biblical worldview truth that the design in the world is very complex
115	229–30	227–28	<ul style="list-style-type: none"> • Review the concepts presented in Chapter 13 in preparation for the Chapter 13 Test • Apply the biblical worldview truth that the design in the world is very complex
116		229–30	Concept Review

Lesson	Worktext Pages	Reviews Pages	Lesson Objectives
Chapter 14 • Money			
117	231–34	231–32	<ul style="list-style-type: none"> Identify a one-dollar bill and its value Determine the value of a set of coins and one-dollar bills by <i>counting on</i> Write amounts of money using a dollar sign and a decimal point Identify equivalent sets of money Recall the biblical worldview truth that math does not tell us what is right and wrong
118	235–36	233–34	<ul style="list-style-type: none"> Compare money values using $>$, $<$, or $=$ Rename pennies, dimes, and dollars Add and subtract amounts of money written with a dollar sign and decimal point Solve a multi-step word problem and interpret the solution
119	237–38	235–36	<ul style="list-style-type: none"> Identify a five-dollar bill and its value Determine the value of a set of coins, one-dollar bills, and five-dollar bills by <i>counting on</i> Add and subtract amounts of money Determine the amount of money needed to purchase an item Solve a multi-step word problem and interpret the solution Recall the biblical worldview truth that math does not tell us what is right and wrong
120	239–40	237–38	<ul style="list-style-type: none"> Identify a ten-dollar bill and its value Determine the value of a set of coins and one-, five-, and ten-dollar bills by <i>counting on</i> Subtract amounts of money with even ten-dollar amounts Determine the amount of money needed to purchase an item Determine the amount of change after a purchase Solve a multi-step word problem and interpret the solution
121	241–42	239–40	<ul style="list-style-type: none"> Add and subtract amounts of money Solve a multi-step word problem and interpret the solution Identify word problems that have too little information Determine the amount of change after a purchase by <i>counting on</i> Explain the biblical worldview truth that math does not tell us what is right and wrong
122	243–44	241–42	<ul style="list-style-type: none"> Review the concepts presented in Chapter 14 in preparation for the Chapter 14 Test Apply the biblical worldview truth that math does not tell us what is right and wrong
123		243–44	Concept Review
Chapter 15 • More Geometry			
124	245–48	245–46	<ul style="list-style-type: none"> Identify line segments, vertices, angles, and right angles Describe plane figures and polygons Identify and describe regular polygons Recall the biblical worldview truth that God made us to do math
125	249–50	247–48	<ul style="list-style-type: none"> Differentiate between regular and irregular polygons Identify the attributes of a circle Find the perimeter of a polygon Solve a perimeter word problem and interpret the solution
126	251–52	249–50	<ul style="list-style-type: none"> Partition a shape to show equal parts and identify each part Partition a shape in different ways to show the same number of equal parts Explore tessellations Compose shapes from given shapes
127	253–54	251–52	<ul style="list-style-type: none"> Identify and draw similar and congruent figures Identify symmetrical figures and a line of symmetry Trace and draw a line of symmetry Apply the biblical worldview truth that God made us to do math

Lesson	Worktext Pages	Reviews Pages	Lesson Objectives
128	255–56	253–54	<ul style="list-style-type: none"> • Distinguish between plane figures and solid figures • Identify a cube, rectangular prism, rectangular pyramid, sphere, cone, and cylinder • Identify faces, edges, vertices, and curved surfaces of solid figures
129	257–58	255–56	<ul style="list-style-type: none"> • Classify plane figures based on their attributes • Classify solid figures based on their attributes
130	259–60	257–58	<ul style="list-style-type: none"> • Picture the relationship between plane and solid figures using a disjoint Venn diagram • Picture the relationship between faces and curved surfaces using an intersecting Venn diagram
131	261–62	259–60	<ul style="list-style-type: none"> • Identify a slide, flip, and turn • Find the area of a quadrilateral • Solve an area word problem and interpret the solution
132	263–64	261–62	<ul style="list-style-type: none"> • Review the concepts presented in Chapter 15 in preparation for the Chapter 15 Test • Explain the biblical worldview truth that God made us to do math
133		263–64	Concept Review
Chapter 16 • Metric Measurement			
134	265–68	265–66	<ul style="list-style-type: none"> • Identify the centimeter and meter as measuring units for length • Estimate and measure length or height to the nearest meter or centimeter • Determine the best unit of measurement: centimeters or meters • Find the perimeter of a rectangle using centimeters or meters • Solve a perimeter word problem and interpret the solution • Recall the biblical worldview truth that math helps people enjoy their lives
135	269–70	267–68	<ul style="list-style-type: none"> • Identify the kilometer as a unit of measurement for distance • Determine the best unit of measurement: centimeters, meters, or kilometers • Rename meters as centimeters and kilometers as meters using a table • Use a map key to determine distance
136	271–72	269–70	<ul style="list-style-type: none"> • Identify the liter and milliliter as units of measurement for capacity • Determine the best unit of measurement: milliliters or liters • Rename liters as milliliters using a table • Apply the biblical worldview truth that math helps people enjoy their lives
137	273–74	271–72	<ul style="list-style-type: none"> • Identify the gram and kilogram as units of measurement for mass • Determine the best unit of measurement: grams or kilograms • Rename kilograms as grams using a table • Measure mass using grams • Solve a measurement word problem and interpret the solution
138	275–76	273–74	<ul style="list-style-type: none"> • Identify the degree as a unit of measurement for temperature • Read and set a Celsius thermometer • Match outdoor activities to Celsius temperatures • Recognize standard Celsius temperatures • Solve a metric measurement word problem and interpret the solution • Explain the biblical worldview truth that math helps people enjoy their lives
139	277–78	275–76	<ul style="list-style-type: none"> • Review the concepts presented in Chapter 16 in preparation for the Chapter 16 Test • Create a plan using the biblical worldview truth that math helps people enjoy their lives
140		277–78	Concept Review

Lesson	Worktext Pages	Reviews Pages	Lesson Objectives
Chapter 17 • Multiply by 1-Digit Numbers			
141	279–82	279–80	<ul style="list-style-type: none"> • Multiply a 2-digit factor by a 1-digit factor without renaming, using manipulatives • Write a multiplication equation in vertical form • Solve a multiplication word problem and interpret the solution • Identify the biblical worldview truth that math helps people help people
142	283–84	281–82	<ul style="list-style-type: none"> • Multiply a 2- or 3-digit factor by a 1-digit factor without renaming, with and without using manipulatives • Write a multiplication equation in vertical form • Solve a multiplication word problem and interpret the solution
143	285–86	283–84	<ul style="list-style-type: none"> • Multiply a 2-digit factor by a 1-digit factor, renaming ones as tens, with and without using manipulatives • Solve a multiplication word problem with renaming and interpret the solution
144	287–88	285–86	<ul style="list-style-type: none"> • Multiply a 3-digit factor by a 1-digit factor, renaming tens as hundreds, with and without using manipulatives • Solve a multi-step money word problem and interpret the solution
145	289–90	287–88	<ul style="list-style-type: none"> • Multiply a 2-digit factor by a 1-digit factor, renaming tens as hundreds • Multiply a 3-digit factor by a 1-digit factor, renaming hundreds as one thousands • Solve a multi-step money word problem and interpret the solution • Explain the biblical worldview truth that math helps people help people
146	291–92	289–90	<ul style="list-style-type: none"> • Multiply multiples of 10 or 100 by a 1-digit factor • Determine the number of zeros in the product when multiplying a multiple of 10 or 100 by a 1-digit factor
147	293–94	291–92	<ul style="list-style-type: none"> • Round numbers to the nearest ten • Estimate a product by rounding to the nearest ten • Solve a word problem with too much information and interpret the solution
148	295–96	293–94	<ul style="list-style-type: none"> • Round numbers to the nearest hundred • Estimate a product by rounding to the nearest hundred • Solve a multi-step money word problem and interpret the solution • Apply the biblical worldview truth that math helps people help people
149	297–98	295–96	<ul style="list-style-type: none"> • Review the concepts presented in Chapter 17 in preparation for the Chapter 17 Test • Explain the biblical worldview truth that math helps people help people
150		297–98	Concept Review
Chapter 18 • Divide by 1-Digit Divisors			
151	299–302	299–300	<ul style="list-style-type: none"> • Divide a 2-digit dividend by a 1-digit divisor to find a 1-digit quotient, using manipulatives • Solve a long division problem using related facts • Identify the biblical worldview truth that math is a tool to help people work
152	303–4	301–2	<ul style="list-style-type: none"> • Solve division facts using the long division process • Divide a 2-digit dividend by a 1-digit divisor to find a 2-digit quotient, using manipulatives
153	305–6	303–4	<ul style="list-style-type: none"> • Divide a 3-digit dividend by a 1-digit divisor to find a 3-digit quotient, using manipulatives
154	307–8	305–6	<ul style="list-style-type: none"> • Divide a 2-digit dividend by a 1-digit divisor to find a 1- or 2-digit quotient • Solve a division word problem and interpret the solution • Divide a 3-digit dividend by a 1-digit divisor to find a 3-digit quotient
155	309–10	307–8	<ul style="list-style-type: none"> • Divide dollars and cents (a 3-digit dividend) by a 1-digit divisor • Explain the biblical worldview truth that math is a tool to help people work
156	311–12	309–10	<ul style="list-style-type: none"> • Divide to find a 1- or 2-digit quotient with a remainder, using manipulatives • Solve a division word problem and interpret the solution

Lesson	Worktext Pages	Reviews Pages	Lesson Objectives
157	313–14	311–12	<ul style="list-style-type: none"> • Divide to find a 3-digit quotient with a remainder, using manipulatives • Solve a division word problem and interpret the solution
158	315–16	313–14	<ul style="list-style-type: none"> • Interpret a remainder in a division problem • Solve a division word problem and interpret the remainder
159	317–18	315–16	<ul style="list-style-type: none"> • Determine the closest multiplication fact to estimate the quotient • Divide to find a 1-digit quotient with a remainder • Solve a division word problem and interpret the remainder • Explain the biblical worldview truth that math is a tool to help people work
160	319–20	317–18	<ul style="list-style-type: none"> • Review the concepts presented in Chapter 18 in preparation for the Chapter 18 Test • Apply the biblical worldview truth that math is a tool to help people work
161		319–20	Concept Review
Chapter 19 • Decimals			
162	321–24	321–22	<ul style="list-style-type: none"> • Demonstrate that 10 tenths equals 1 whole • Rename 10 tenths as 1 whole, using manipulatives • Read, write, and picture a decimal to the Tenths place • Write a decimal as a fraction or a mixed number • Identify the biblical worldview truth that math does not have all the answers
163	325–26	323–24	<ul style="list-style-type: none"> • Read and picture a decimal to the Tenths place • Write a mixed number as a decimal • Compare decimals to the Tenths place using $>$, $<$, or $=$ • Order decimals to the Tenths place from least to greatest • Solve a decimal word problem and interpret the solution
164	327–28	325–26	<ul style="list-style-type: none"> • Demonstrate that 10 hundredths equals 1 tenth • Rename 10 hundredths as 1 tenth, using manipulatives • Read, write, and picture a decimal to the Hundredths place • Write a fraction or mixed number as a decimal
165	329–30	327–28	<ul style="list-style-type: none"> • Picture decimals to the Hundredths place • Write a fraction or mixed number as a decimal • Compare decimals to the Hundredths place using $>$, $<$, or $=$ • Order decimals to the Hundredths place from least to greatest • Solve a decimal word problem and interpret the solution • Explain the biblical worldview truth that math does not have all the answers
166	331–32	329–30	<ul style="list-style-type: none"> • Rename 10 tenths as 1 one and 10 hundredths as 1 tenth • Add decimals to the Hundredths place • Solve a decimal word problem and interpret the solution
167	333–34	331–32	<ul style="list-style-type: none"> • Rename 1 one as 10 tenths and 1 tenth as 10 hundredths • Subtract decimals to the Hundredths place • Solve a decimal word problem and interpret the solution
168	335–36	333–34	<ul style="list-style-type: none"> • Write a decimal to the Hundredths place • Add and subtract decimals to the Hundredths place • Solve a decimal word problem and interpret the solution • Apply the biblical worldview truth that math does not have all the answers
169	337–38	335–36	<ul style="list-style-type: none"> • Review the concepts presented in Chapter 19 in preparation for the Chapter 19 Test • Recall the biblical worldview truth that math does not have all the answers
170		337–38	Concept Review

Lesson	Worktext Pages	Reviews Pages	Lesson Objectives
Chapter 20 • Math Review			
171	339–42		<ul style="list-style-type: none"> • Review picturing and interpreting the Base 10 place value system • Review writing multi-digit numbers in standard and expanded form • Review rounding, comparing, and ordering multi-digit numbers • Review the biblical worldview truth that only God could have designed this world
172	343–44		<ul style="list-style-type: none"> • Review rounding to estimate a sum when an exact amount is not needed • Review adding numbers up to 5 digits • Review comparing and ordering numbers
173	345–46		<ul style="list-style-type: none"> • Review estimating the difference by rounding to the nearest ten, hundred, or one thousand • Review subtracting numbers up to 5 digits • Review checking a subtraction problem with addition • Review the biblical worldview truth that the design we see is very complex
174	347–48		<ul style="list-style-type: none"> • Review using strategies to picture and solve multiplication facts • Review using the properties of multiplication to solve multiplication facts • Review solving a missing-factor equation with a variable
175	349–50		<ul style="list-style-type: none"> • Review dividing objects into sets of a given size or into a given number of sets • Review using strategies to picture and solve division facts • Review relating division to multiplication and subtraction • Review the biblical worldview truth that math is a tool to help people work
176	351–52		<ul style="list-style-type: none"> • Review estimating and measuring length and height using customary and metric measurements • Review estimating the capacity of an object using customary and metric measurements • Review reading a Fahrenheit thermometer and a Celsius thermometer to the 1-degree interval
177	353–54		<ul style="list-style-type: none"> • Review identifying and picturing a fraction or mixed number • Review comparing and ordering fractions • Review identifying and writing equivalent fractions
178	355–56		<ul style="list-style-type: none"> • Review identifying plane and solid figures and their attributes • Review writing an equation to find the perimeter • Review finding the area of a quadrilateral • Review the biblical worldview truth that math helps people help people
179	357–58		<ul style="list-style-type: none"> • Review telling, writing, and showing time to the 1-minute interval • Review naming the months of the year in order • Review counting and comparing sets of money
180	359–60		<ul style="list-style-type: none"> • Review solving simple and multi-step word problems using strategies • Review identifying and applying the 4 biblical worldview truths