

VersaTiles Math Scope & Sequence, Grade 2

84656 Addition and Subtraction: To 20 and Beyond

Objective		Page	Title
Name the addition fact that solves a problem.	2.OA.A.1	1	Let's Search for Facts
Name the addition fact that solves a problem.	2.OA.B.2	1	Let's Search for Facts
Solve one-step word problems involving addition and subtraction within 100.	2.OA.A.1	2-3	Solve It
Solve addition and subtraction word problems within 100.	2.OA.A.1	4–5	Sold Out
Find a missing sum in an addition table.	2.OA.B.2	6	Tables on Tables
Find a missing sum in an addition table.	2.OA.B.2	7	Table Talk
Solve addition and subtraction word problems within 100.	2.OA.A.1	8-9	Play Practice
Use a part-part-total model to find a sum.	2.OA.B.2	10	What's the Total?
Use a part-part-total model to find a missing addend.	2.OA.B.2	11	Parts Missing
Solve word problems to compare how many more or fewer.	2.OA.A.1	12-13	How Many?
Find the sum of doubles.	2.OA.A.1	14	Seeing Double
Find the sum of doubles.	2.OA.B.2	14	Seeing Double
Use addition and subtraction in comparison situations.	2.OA.B.2	15	More or Less
Solve word problems to compare how many more or fewer.	2.OA.A.1	16-17	Let's Compare
Use a related addition fact to find a difference.	2.OA.B.2	18	Facts Helping Facts
Find the difference of two numbers.	2.OA.B.2	19	Taking It All Away
Solve one-step word problems involving addition and subtraction within 100.	2.OA.A.1	20-21	In a Pickle
Find the addition expression that equals a given sum.	2.OA.B.2	22	Facts Hunt
Use a related addition fact to find a sum or addend.	2.OA.B.2	23	We're Related
Solve two-step addition and subtraction word problems.	2.OA.A.1	24-25	Two-Step Addition and Subtraction
Solve two-step addition and subtraction word problems.	2.OA.A.1	26-27	Let's Two-Step
Complete an addition sentence using a part-part-total model.	2.OA.B.2	28-29	Let's Add
Find the sum or difference in vertical form or when translated to symbols.	2.OA.B.2	30	Show What You Know
Find the sum or difference of money.	2.OA.B.2	31	Buy or Sell
Find the subtraction expression that equals a given difference.	2.OA.B.2	32	Facts Prove It

84657 Foundations of Multiplication: Equal Groups and Arrays

Objective		Page	Title
Identify an odd or even number using a model.	2.OA.C.3	1	That's Odd
Identify a number as even or odd, given a model.	2.OA.C.3	2	Another Oddity
Identify a number as even or odd by pairing the number of objects.	2.OA.C.3	3	Even More
Pair objects to determine if a number is odd or even.	2.OA.C.3	4-5	Even Pairs
Identify a number as odd or even.	2.OA.C.3	6	Even Steven
Find the number of equal groups, given the total and the number in each group.	2.OA.C.4	7	Equal Star Groups
Determine if the sum of equal addends is even or odd.	2.OA.C.3	8–9	Seeing Double
Determine if the sum is even or odd.	2.OA.C.3	10-11	Double It Up
Find the sum of two addends, using doubles or doubles strategy.	2.OA.C.3	12	Even Sums
Use repeated addition of equal groups to find the total.	2.OA.C.4	13	Adding Equal Groups
Use repeated addition of equal groups to find the total.	2.OA.C.4	14-15	Add Equal Groups
Use repeated addition of equal groups to find the total.	2.OA.C.4	16	Repeated Addition
Identify a number as odd or even within 20.	2.OA.C.3	17	At Odds
Use numbers and words to describe equal groups of objects.	2.OA.C.4	18-19	Describe Equal Groups
Use numbers and words to describe equal groups of objects.	2.OA.C.4	20	Grouping Triangles
Name the number of equal groups or the number in each group.	2.OA.C.4	21	Great Groups
Find the number of equal groups, given the total and the number in each group.	2.OA.C.4	22	How Many Groups?
Represent repeated addition as an array.	2.OA.C.4	23	Addends, Totals, and Arrays
Add to fi nd the total number of objects in an array.	2.OA.C.4	24-25	Arrays of Counters
Find the number in each equal group.	2.OA.C.4	26	How Many in Your Group?
Find the number in each equal group, given the total and the number of groups.	2.OA.C.4	27	More Fun with Equal Groups!
Determine the total number of objects in a rectangular array.	2.OA.C.4	28–29	Array Models
Express the sum of equal addends as an equation.	2.OA.C.4	30–31	Array Addition
Find the sum of equal addends in an array.	2.OA.C.4	32	Model and Array
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84658 Addition and Subtraction: Properties and Place Value				
Objective		Page	Title	
Count the number of tens using place-value models.	2.NBT.A.2	1	Counting Tens	
Complete equivalent forms of a number, using tens and ones.	2.NBT.A.1	2	What's My Other Name?	
Complete equivalent forms of a number, using tens and ones.	2.NBT.A.3	2	What's My Other Name?	
Name a number to 50 using place-value models.	2.NBT.A.1	3	Fun with Names	
Name a number to 1,000 using place-value models.	2.NBT.A.1a	4-5	Fun with Hundreds	
Name a number to 1,000 using place-value models.	2.NBT.A.1b	4-5	Fun with Hundreds	
Name a 3-digit number shown in a place-value chart.	2.NBT.A.1a	6	Hold Your Place	
Name a 3-digit number shown in a place-value chart.	2.NBT.A.1b	6	Hold Your Place	
Recognize the word name for a number of tens.	2.NBT.A.2	7	What's the Word?	
Count numbers to 1,000.	2.NBT.A.2	8	Keep on Going	
Use skip counting to solve problems.	2.NBT.A.2	9	Solutions by Skip Counting	
Recognize a 2-digit number from its word name.	2.NBT.A.3	10	What's in a Name?	
Recognize the word name for a 3-digit number.	2.NBT.A.3	11	The Name Game	
Compare two 3-digit numbers using >, =, and < symbols.	2.NBT.A.4	12	Flying on the Number Line	
Use >, =, or < to compare two numbers up to 1,000.	2.NBT.A.4	13	Symbol Sense	
Use a basic fact to find the sum of tens or hundreds.	2.NBT.B.5	14	Let's Add	
Use a basic fact to find the sum of tens or hundreds.	2.NBT.B.9	14	Let's Add	
Find the sum of two 2-digit numbers.	2.NBT.B.5	15	Adding Ones, Then Tens	
Fluently add within 100.	2.NBT.B.5	16	Wow! More Adding	
Find the sum of two 2-digit numbers.	2.NBT.B.5	17	Keep on Adding	
Use a basic fact to find the difference of tens or hundreds.	2.NBT.B.5	18	Back to Basic Facts	
Use a basic fact to find the difference of tens or hundreds.	2.NBT.B.9	18	Back to Basic Facts	
Find the difference of two 2-digit numbers.	2.NBT.B.5	19	Get Ready for Tens	
Subtract within 100.	2.NBT.B.5	20	What's the Difference?	
Find the difference of two 2-digit numbers.	2.NBT.B.5	21	Mending Differences	
Use a related addition or subtraction fact to find a sum or difference.	2.NBT.B.5	22	Related Facts	
FInd the sum of up to four 2-digit numbers using Properties of Operations.	2.NBT.B.6	23	Any Order	
Use place value to add up to four 2-digit numbers.	2.NBT.B.6	24	Places, Everybody	
Find the sum of two 3-digit numbers, including composing tens.	2.NBT.B.7	25	Some More Sums!	
Find the sum of two 3-digit numbers.	2.NBT.B.7	26	Time to Regroup	
Find the difference of two 3-digit numbers.	2.NBT.B.7	27	Presenting the Hundreds	
Find the difference of two 3-digit money amounts, including decomposing tens				
as ones.	2.NBT.B.7	28	Fewer and Fewer	
Find the difference of two 3-digit numbers, including decomposing hundreds as				
tens.	2.NBT.B.7	29	Giving It All Away	
Find the sum or difference of 2- or 3-digit money amounts.	2.NBT.B.7	30	Saving and Spending	
Name the number that is \$100 more than a given money amount.	2.NBT.B.7	31	\$100 More, Please	
Name the number that is \$100 more than a given money amount.	2.NBT.B.8	31	\$100 More, Please	
Name the number that is 100 less than a given number.	2.NBT.B.7	32	Do Away with 100, Please	
Name the number that is 100 less than a given number.	2.NBT.B.8	32	Do Away with 100, Please	

84659 Measurement and Data: Length and Data Analysis

Objective		Page	Title
Estimate length using inches or feet.	2.MD.A.3	1	Inches or Feet?
Measure length.	2.MD.A.2	2-3	Units to Measure
Estimate length.	2.MD.A.3	4	Measuring Sense
Relate measurement to the size of the unit.	2.MD.A.1	5	Check Up
Relate measurement to the size of the unit.	2.MD.A.2	5	Check Up
Choose the best tool to measure length.	2.MD.A.1	6-7	Choose the Tool
Measure length.	2.MD.A.1	8-9	How Long?
Subtract length using a number line.	2.MD.B.6	10-11	Line It Up
Find the measure of an object to the nearest centimeter.	2.MD.A.1	12-13	Sense with Centimeters
Solve word problems involving length in inches, feet, and yards.	2.MD.B.5	14-15	Lengthy Addition
Find the measure of an object to the nearest inch.	2.MD.A.1	16-17	Inch by Inch
Add lengths on a number line.	2.MD.B.6	18-19	Adding Lengths on a Number Line



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Objective		Page	Title
Estimate a length, in feet, for a pictured object.	2.MD.A.3	20-21	Measure Up
Write equations for word problems involving length.	2.MD.B.5	22-23	How Long?
Measure to compare lengths.	2.MD.A.4	24-25	Measure to Compare
		26-27	
Represent length on a number line.	2.MD.B.6		Represent Length on a Number Line
Solve word problems involving metric length.	2.MD.B.5	28-29	At Great Length
Estimate length in inches and centimeters.	2.MD.A.3	30-31	Estimate Length
Add and subtract length using a number line within 100.	2.MD.B.6	32	Add and Subtract Lengths

84660 Measurement and Data: Time, Money, and Analysis

Objective		Page	Title
Tell time to five minutes, using an analog clock.	2.MD.C.7	1	Take Five
Tell time to five minutes, using a digital clock.	2.MD.C.7	2	Five More Minutes
Tell time to five minutes, using an analog clock.	2.MD.C.7	3	Time to Go
Use a table to solve problems that involve counting, ordering, and comparing		4-5	
amounts of money.	2.MD.C.8		Solve with Tables
Identify events as occurring in a.m. or p.m.	2.MD.C.7	6-7	Morning, Noon, and Night
Tell time to five minutes, using an analog clock.	2.MD.C.7	8-9	Find the Time
Interpret and compare data displayed in a horizontal bar graph.	2.MD.D.10	10-11	Water Sports
Solve problems using nickels and pennies.	2.MD.C.8	12-13	Pennies and Nickels
Tell time to five minutes, including a.m. or p.m.	2.MD.C.7	14-15	A.M. or P.M.
Solve problems by reading and interpreting a pictograph.	2.MD.D.10	16-17	Using Pictographs
Match a purchase with the amount of money needed to buy it.	2.MD.C.8	18-19	Snack Time
Use line plots of measurement data to solve problems.	2.MD.D.9	20-21	Line Plot Measuring
Measure length and use a line plot to solve problems.	2.MD.D.9	22-23	A Blue Ribbon Day
Interpret and compare data displayed in a vertical bar graph.	2.MD.D.10	24-25	The Story on Salads
Match a purchase with the amount of money needed to buy it.	2.MD.C.8	26–27	Sticker Price
Interpret and compare data displayed in a vertical bar graph.	2.MD.D.10	28-29	Let It Snow
Interpret and compare data displayed in a horizontal bar graph.	2.MD.D.10	30-31	Hop to It
Solve problems involving money, including the \$ and ¢ symbols.	2.MD.C.8	32	Money Problems

84661 Geometry: Shapes and Attributes

Objective		Page	Title
Identify a 2- or 3-dimensional shape by its attributes.	2.G.A.1	1	What Does It Look Like?
Identify the shape that is different.	2.G.A.1	2-3	Telling Which Is Different
Complete a sentence that describes a given picture.	2.G.A.1	4-5	Describe Me!
Select the correct word to complete a sentence that describes a 3-dimensional		6-7	
shape.	2.G.A.1		Shape Names
Recognize attributes of a 3-dimensional shape.	2.G.A.1	8-9	What's Your Name?
Identify a 2- or 3-dimensional shape, from a given description.	2.G.A.1	10	Who Am I?
Identify a 2- or 3-dimensional shape, from a given description.	2.G.A.1	11	Tell Me About It
Select the correct word to complete a sentence that describes a 2-dimensional		12-13	
shape.	2.G.A.1		Name Tags
Describe the rows and columns in a partitioned rectangle.	2.G.A.2	14-15	Rows and Columns
Describe the partitioning of a rectangle.	2.G.A.2	16-17	Partition a Rectangle
Count to find the number of squares in a partitioned rectangle.	2.G.A.2	18-19	How Many Squares?
Describe equal shares.	2.G.A.3	20-21	Two or Three Equal Shares
Describe equal shares of rectangles.	2.G.A.3	22-23	More Pieces
Count equal shares in partitioned circles and rectangles.	2.G.A.3	24-25	Sharing
Describe equal shares.	2.G.A.3	26-27	Halves, Thirds, and Fourths
Count to find the number of squares in a partitioned rectangle.	2.G.A.2	28-29	Your Move
Equal shares of real-world objects.	2.G.A.3	30-31	Using a Picture
Find equal shares of different shapes.	2.G.A.3	32	Share and Share Alike