



UNIT 3 : 2-Digit Addition & Subtraction

25 days of math lesson plans, PowerPoints & activities.

Name: _____

Level Up

Unit 3 Lesson 5

Directions: Use your preferred strategy to add.

1.
$$\begin{array}{r} 37 \\ + 37 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 62 \\ + 39 \\ \hline \end{array}$$

3.20 MENTAL MATH

I CAN STATEMENT
I can mentally add and subtract.

MATERIALS
3.20 PowerPoint
3.20 printouts

VOCABULARY
place value

Spent the first few minutes of the **MINI LESSON**
These slides have student subtrahend

Cut along the scissor lines. Glue the flaps on the flap, use the word problem solving strategy to solve the problem.

WORD PROBLEM

Addition and Subtraction

Brock has \$83 in his bank account. He spent \$48 at the grocery store. How much money is left in his account after going to the store?

Jessica bought a pack of balloons for a party. A

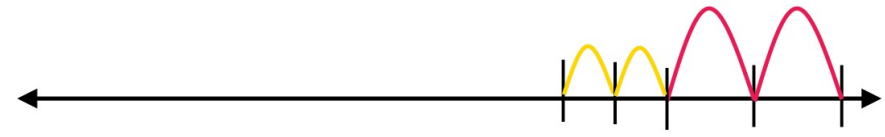
NUMBER LINE: SUBTRACTION

$$74 - 22 = 52$$

STEP 1:
Place the minuend at the end of the number line

STEP 2:
Subtract the tens of the subtrahend

STEP 3:
Subtract the ones of the subtrahend to find the difference



be...

Stone went to the grocery store. He bought 23 packs of cookies and 14 packs of crackers. How many packs of groceries did she buy in all?

Use the given models to add

$24 + 32 =$

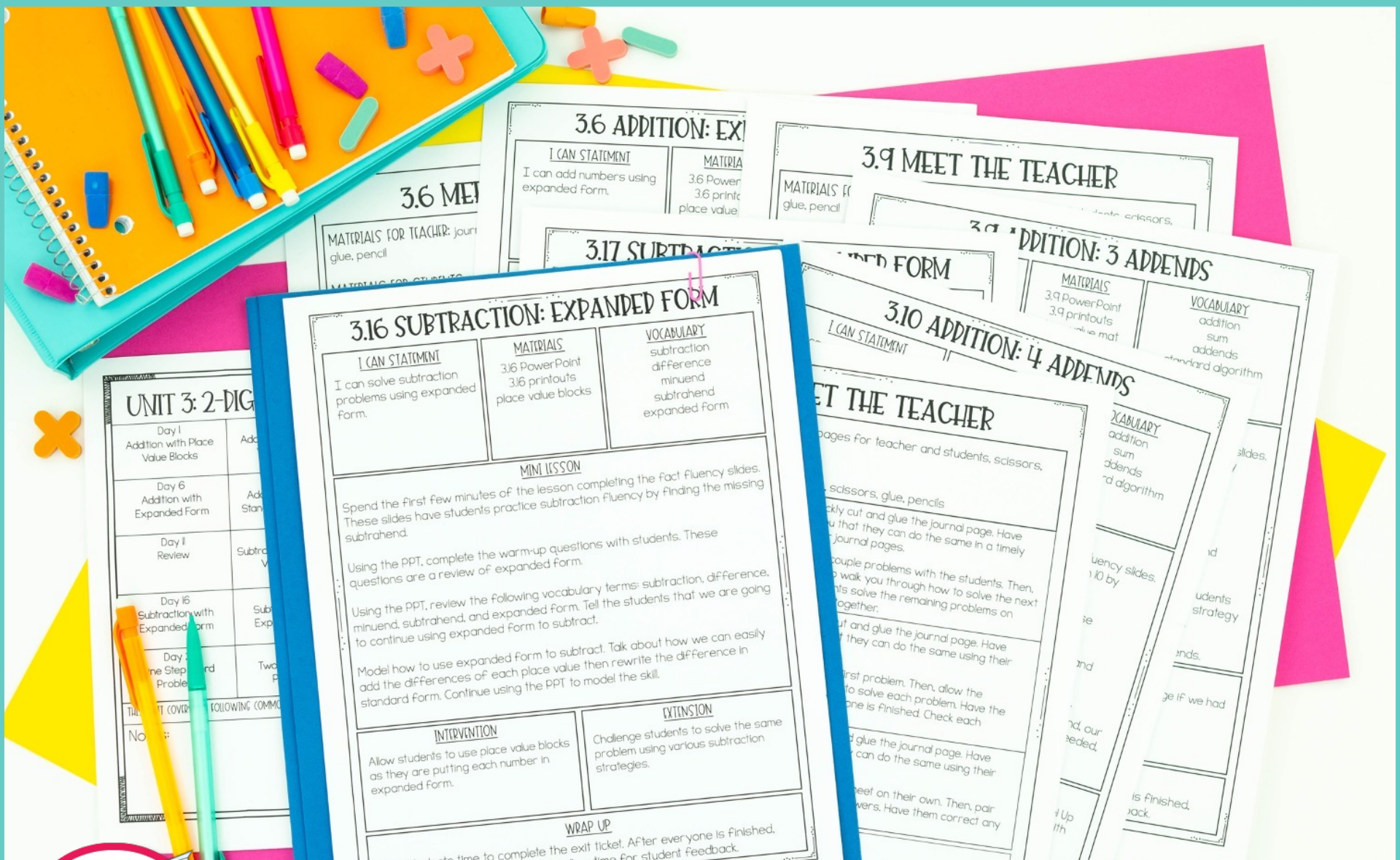
UNIT 3: 2-DIGIT ADDITION & SUBTRACTION at a glance

Day 1 Addition with Place Value Blocks	Day 2 Addition with Place Value Blocks	Day 3 Addition with Number Lines	Day 4 Addition with Number Lines	Day 5 Addition with Expanded Form
Day 6 Addition with Expanded Form	Day 7 Addition with the Standard Algorithm	Day 8 Addition with the Standard Algorithm	Day 9 Adding three 2-Digit Numbers	Day 10 Adding four 2-Digit Numbers
Day 11 Review	Day 12 Subtraction with Place Value Blocks	Day 13 Subtraction with Place Value Blocks	Day 14 Subtraction with Number Lines	Day 15 Subtraction with Number Lines
Day 16 Subtraction with Expanded Form	Day 17 Subtraction with Expanded Form	Day 18 Subtraction with the Standard Algorithm	Day 19 Subtraction with the Standard Algorithm	Day 20 Mental Math
Day 21 One Step Word Problems	Day 22 Two Step Word Problems	Day 23 Two Step Word Problems	Day 24 Review	Day 25 Assessment

THIS UNIT COVERS THE FOLLOWING COMMON CORE MATH STANDARDS: 2.NBT.5, 2.NBT.6, 2.NBT.7, 2.OA.1, 2.OA.2, 2.NBT.8, and 2.NBT.9

Easily see your whole week at a glance with the unit pacing guide.





3.6 SUBTRACTION: EXPANDED FORM

I CAN STATEMENT
I can solve subtraction problems using expanded form.

MATERIALS
3.6 PowerPoint
3.6 printouts
place value blocks

VOCABULARY
subtraction
difference
minuend
subtrahend
expanded form

MINI LESSON

Spend the first few minutes of the lesson completing the fact fluency slides. These slides have students practice subtraction fluency by finding the missing subtrahend.

Using the PPT, complete the warm-up questions with students. These questions are a review of expanded form.

Using the PPT, review the following vocabulary terms: subtraction, difference, minuend, subtrahend, and expanded form. Tell the students that we are going to continue using expanded form to subtract.

Model how to use expanded form to subtract. Talk about how we can easily add the differences of each place value then rewrite the difference in standard form. Continue using the PPT to model the skill.

INTERVENTION

Allow students to use place value blocks as they are putting each number in expanded form.

EXTENSION

Challenge students to solve the same problem using various subtraction strategies.

WRAP UP

Students time to complete the exit ticket. After everyone is finished, allow time for student feedback.



Includes whole group and differentiated small group lesson plans with activities.

Word Problems

STEP 1:

Gulla bought 45 tickets for rides at

Put down y
read th

Word Problems

STEP 2:

DRAW

Reread the problem
draw a math mod

Word Problems

STEP 3:

SOLVE

Write an equation and
solve.

Ride 1:
12

?

Ride 1:
12

Ride 2:
24

$$\begin{array}{r} 12 \\ + 24 \\ \hline 36 \end{array} = ?$$

Gulla bought 45 tickets for rides at

the
tickle
tickle
have

STEP 4:

WRITE

Write your answer in a
complete sentence.

Ride 1:
12

Ride 2:
24

$$45 - 36 = \text{tickets left}$$

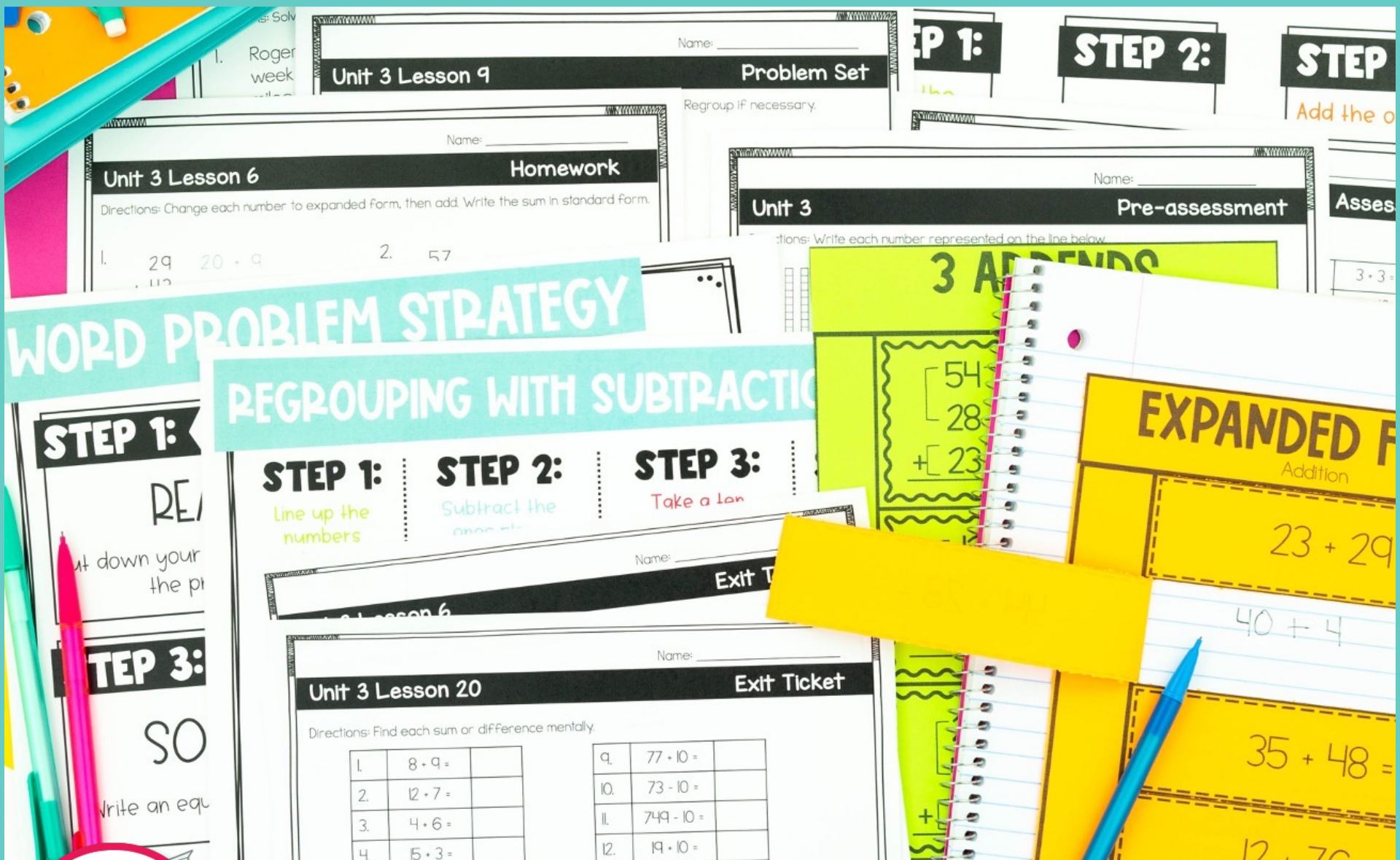
$$\begin{array}{r} 45 \\ -36 \\ \hline \end{array}$$

She has 9
tickets left.



Deliver great lessons with step-by-step
PowerPoints for teaching math skills.





WORD PROBLEM STRATEGY

REGROUPING WITH SUBTRACTION

STEP 1:

STEP 1:
Line up the numbers

STEP 2:
Subtract the ones

STEP 3:
Take a ten

STEP 3:

SO

Write an equation

Unit 3 Lesson 20

Exit Ticket

Directions: Find each sum or difference mentally.

1.	$8 + 9 =$		9.	$77 + 10 =$	
2.	$12 + 7 =$		10.	$73 + 10 =$	
3.	$4 + 6 =$		11.	$749 + 10 =$	
4.	$5 + 3 =$		12.	$19 + 10 =$	

3 ADDENDS

$$\begin{array}{r} 54 \\ 28 \\ + 23 \\ \hline \end{array}$$

EXPANDED FORM
Addition

$$23 + 29 =$$

$$40 + 4 =$$

$$35 + 48 =$$

$$12 + 70 =$$

Includes problem sets, homework, and exit tickets for each day.



Unit 3

Directions: Find each sum or difference mentally.

1.	$9 + 9 =$		9.	$7 + 10 =$	
2.	$12 + 3 =$		10.	$3 - 2 =$	
3.	$10 + 6 =$		11.	$9 - 4 =$	
4.	$15 + 4 =$		12.	$19 - 12 =$	
5.	$12 - 4 =$		13.	$17 - 9 =$	
6.	$17 - 6 =$		14.	$3 + 15 =$	
7.	$6 - 2 =$		15.		
8.	$20 - 8 =$		16.		

Unit 3

Directions: Draw models to add or subtract.

Key: $\square = 100$ $| = 10$ $\bullet = 1$ Ex

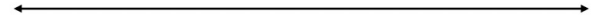
$$37. \begin{array}{r} 33 \\ + 24 \\ \hline \end{array}$$

Unit 3

Assessment

Directions: Subtract each set of numbers using the number line.

$$43. \begin{array}{r} 56 \\ - 43 \\ \hline \end{array}$$



$$44. \begin{array}{r} 55 \\ - 29 \\ \hline \end{array}$$



Directions:

Unit 3

Directions: Subtract each set of numbers using the number line.

$$43. \begin{array}{r} 56 \\ - 43 \\ \hline 13 \end{array}$$

$$44. \begin{array}{r} 55 \\ - 29 \\ \hline 26 \end{array}$$

Directions: Change each number to a different form. Write the sum or difference in standard form.

$$45. \begin{array}{r} 44 \\ + 52 \\ \hline 96 \end{array} \quad \begin{array}{r} 40 + 4 \\ 50 + 2 \\ \hline 90 + 6 \end{array}$$

Skill	Mental Math within 20	Adding & Subtracting 10 & 100	Add & Subtract with Models	Add & Subtract with Number Lines	Add & Subtract with Expanded Form	Add & Subtract with the Standard Algorithm
Student	1-24	25 - 36	37-40	41-44	45-48	49-54
	___ / 24	___ / 12	___ / 4	___ / 4	___ / 4	___ / 6
	___ / 24	___ / 12	___ / 4	___ / 4	___ / 4	___ / 6
	___ / 24	___ / 12	___ / 4	___ / 4	___ / 4	___ / 6
	___ / 24	___ / 12	___ / 4	___ / 4	___ / 4	___ / 6
	___ / 24	___ / 12	___ / 4	___ / 4	___ / 4	___ / 6
	___ / 24	___ / 12	___ / 4	___ / 4	___ / 4	___ / 6
	___ / 24	___ / 12	___ / 4	___ / 4	___ / 4	___ / 6
	___ / 24	___ / 12	___ / 4	___ / 4	___ / 4	___ / 6
	___ / 24	___ / 12	___ / 4	___ / 4	___ / 4	___ / 6
	___ / 24	___ / 12	___ / 4	___ / 4	___ / 4	___ / 6
	___ / 24	___ / 12	___ / 4	___ / 4	___ / 4	___ / 6
	___ / 24	___ / 12	___ / 4	___ / 4	___ / 4	___ / 6
	___ / 24	___ / 12	___ / 4	___ / 4	___ / 4	___ / 6
	___ / 24	___ / 12	___ / 4	___ / 4	___ / 4	___ / 6
	___ / 24	___ / 12	___ / 4	___ / 4	___ / 4	___ / 6

Directions: Write the sum or difference in standard form. Then solve. Write the sum or difference in standard form.

Name: _____

Assessment Answer Key

Directions: Solve each problem.

1. It had 82 chocolate chips in a recipe. How many are left?

There are 19 chocolate chips left.

2. Last week they mowed 104 lawns. This week they mowed 104 lawns. How many lawns did they mow in the last two weeks?

They mowed 208 lawns in the last two weeks.

3. A bin has 58 marbles. 19 of them are blue. 28 of them are green. How many green marbles does she have left?

She has 11 green marbles.



Track student progress with pre- & post-assessments and recording sheet.

UNIT THREE VOCABULARY CARDS 2-DIGIT



PLACE VALUE

EXPANDED FORM

a number that is stretched out to show the value of each digit

$$200 + 80 + 5$$

STANDARD ALGORITHM

the common step by step math

$$\begin{array}{r} 56 \\ + 42 \\ \hline 98 \end{array}$$

SUM

SUBTRACTION

taking away from a number

$$5 - 2 = 3$$

$$2 + 5 = 7$$

Place Value Blocks in

PLACE VA

Place Value Mat

Tens

Ones

Number Lines



Cement learned skills with the included vocabulary cards, anchor charts, and tools.



Keep students engaged and excited to practice with board games and task cards.



MID-UNIT REVIEW

Name: _____

Directions: Read each card and record your answer in the box.

1. 56	2. $60 + 2$ $30 + 6$ 98	3. 89 cups	4.
5.	6.	7.	8.

Kai sold 54 cups of lemonade at his lemonade stand on Saturday. He sold 35 cups on Sunday. How many cups did he sell all together?



the number to
form and add.

$$24 + 32$$

$$\begin{array}{r} 2 \\ + 36 \\ \hline \end{array}$$



Teach with confidence; each day is fully planned for you with all the tools you need!