Are you ready to **ŽEARN**?

Mission 5

Add and Subtract Big Numbers

Name:

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Fourth Edition

Name:	

Weekly Goal Tracker

Week of:	My goal is to earn badges for lessons:	Teacher Signature:
Week of:	My goal is to earn badges for lessons:	Teacher Signature:
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Week of:	My goal is to earn badges for lessons:	Teacher Signature:
Week of:	My goal is to earn badges for lessons:	Teacher Signature:
Week of:	My goal is to earn badges for lessons:	Teacher Signature:

Mission 5: Workbook Checklist

1. More or Less		Date:	Teacher Signature:
Math Chat:	O No	otes	O Exit Ticket
2. More Hundreds, Fewer Hui	ndreds	Date:	Teacher Signature:
Learning Lab:			O Exit Ticket
3. Way? Arrow Way!		Date:	Teacher Signature:
Math Chat:	O No	otes	O Exit Ticket
4. Break It Down		Date:	Teacher Signature:
Math Chat:	O No	otes	O Exit Ticket
5. Easier Adding		Date:	Teacher Signature:
Math Chat:	O No	otes	O Exit Ticket
6. Easier Subtracting		Date:	Teacher Signature:
Math Chat:	O No	otes	O Exit Ticket
7. Thousand Strategies		Date:	Teacher Signature:
Z-Squad:	O No	otes	O Exit Ticket
8. Add Away		Date:	Teacher Signature:
Math Chat:	O No	otes	O Exit Ticket
9. Double Bundle		Date:	Teacher Signature:
Math Chat:	O No	tes	O Exit Ticket
10. Compose and Match		Date:	Teacher Signature:
Learning Lab:			O Exit Ticket

11. Math Magic	[Date:	Teacher Signature:
Math Chat:	O Not	es	O Exit Ticket
12. Sum Sharing	[Date:	Teacher Signature:
Z-Squad:	O Not	es	O Exit Ticket
13. Prove It	[Date:	Teacher Signature:
Math Chat:	O Not	es	O Exit Ticket
14. Subtract and Prove	[Date:	Teacher Signature:
Math Chat:	O Not	es	O Exit Ticket
15. Showing Subtraction	[Date:	Teacher Signature:
Learning Lab:			O Exit Ticket
16. Smart Strategies	[Date:	Teacher Signature:
Math Chat:	O Not	es	O Exit Ticket
17. Take Away, from Hundi	reds!	Date:	Teacher Signature:
Learning Lab:			O Exit Ticket
18. Multiple Zeros		Date:	Teacher Signature:
Z-Squad:	O Not	es	O Exit Ticket
19. Sum Different Strategie	es	Date:	Teacher Signature:
Math Chat:	O Not		O Exit Ticket
20. Strategy Selection	[Date:	Teacher Signature:
Learning Lab:	O Not	es	O Exit Ticket

Lesson 1 G:2 M:5

More or Less

ZEARN STUDENT NOTES

Name:	Date:	
Complete:	Class:	
In August, she rescued 40.	r J rescue in those 3 months?	
YOUR DE	RAWING	
YOUR NUMBER SENTENCE	YOUR WORD SENTENCE I	
	Super J rescued I dogs in all.	

1	EXTRA WORKSPACE
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Lesson 1 G:2 M:5

EXIT TICKET

1. Solve using the arrow way.



Lesson 2 G:2 M:5

EXIT TICKET

Name:	Date:	
Complete:	Class:	

Solve using place value strategies. Use the arrow way or mental math, and record your answers. You may use scrap paper if you like.



Lesson 3 G:2 M:5

Way? Arrow Way!

ZEARN STUDENT NOTES

Name:	Date:
Complete:	Class:
Ms. Joseph and her frien They had 48 left over.	ds ate 27 blueberries at a picnic.
How many blueberries of	did they start with?
YOUR	DRAWING
YOUR NUMBER SENTENCE I I I I I	YOUR WORD SENTENCE They started with
 	blueberries.

2

Complete the arrow way.

ARROW WAY

$$\begin{array}{c} +200 \\ 280 \xrightarrow{} 480 \xrightarrow{} 500 \xrightarrow{} \end{array}$$



Solve.

SHOW YOUR WORK

$$470 + 200$$

470 + 210



Lesson 3 G:2 M:5

680 + 240

250 + 660

EXIT TICKET

Name:	Date:
Complete:	Class:
1. Solve each set of prob	olems using the arrow way.
a. 440 + 300	
I	
360 + 440	
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440 + 380	
I	
b . 670 + 230	



Lesson 4 G:2 M:5

Break It Down

ZEARN STUDENT NOTES

Name:	Date:
Complete:	Class:
Ms. Joseph needs 65 stick has 48.	cks to make a magic box. She only
How many more sticks of	loes she need?
YOUR	DRAWING I I I I I I I I I I I I I I I I I I
YOUR NUMBER SENTENCE	YOUR WORD SENTENCE Ms. Joseph needs more sticks.

2

Complete the arrow way in your notes.

ARROW WAY

$$780 - 390$$



Solve 440 - 260. Use the subtraction you just did to help.

SHOW YOUR WORK



Lesson 4 G:2 M:5

EXIT TICKET

Date:_____ Name:

Complete: Class:

1. Solve using a simplifying strategy. Show your work if needed.

2. Solve.



Lesson 5 G:2 M:5

Easier Adding

ZEARN STUDENT NOTES

Name:	Date:	
Complete:	Class:	

Solve by using a number bond to make a hundred.

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Lesson 5 G:2 M:5

EXIT TICKET

Name:______ Date:_____

Complete: Class:_____

1. Add by drawing a number bond to make a hundred. Write the simplified number sentence and solve.

2. Solve.

53 tens + 38 tens = _____



Lesson 6 G:2 M:5

Easier Subtracting

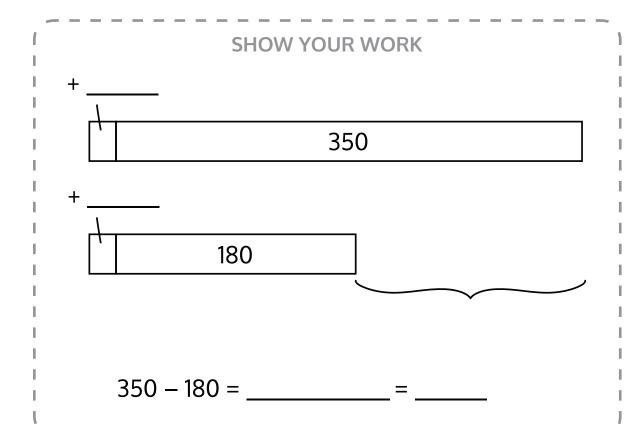
ZEARN STUDENT NOTES

Name:	Date:
Complete:	Class:
Maya made 60 cupcakes fi sold 28 cupcakes on the fi	
YOUR DI	RAWING 1
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YOUR NUMBER SENTENCE	YOUR WORD SENTENCE I I I I
	Maya had
	cupcakes left.
''	



What should we add to make this problem easier?

Write a new number sentence and solve.





Lesson 6 G:2 M:5

EXIT TICKET

1. Draw and label a tape diagram to show how to simplify the problem. Write the new equation, and then subtract.



Lesson 7 G:2 M:5

Thousand Strategies

ZEARN STUDENT NOTES

Name:	Date:
Complete:	Class:

1 697 + 223

!	SHOW YOUR WORK
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Lesson 7 G:2 M:5

EXIT TICKET

Na	ame:	Date:
Co	omplete: 🔲	Class:
1.	Circle one of the str to solve 490 + 463.	rategies below, and use the circled strategy
	a. Arrow way / Nun	nber bond
	b. Solve:	
1		
l	c. Explain why you	chose that strategy.

Lesson 8 G:2 M:5

Add Away

ZEARN STUDENT NOTES

Name:	Date:
Complete:	Class:

hundreds	tens	ones	211
			211
			+ 95





What is 211 + 95? Add the hundreds, tens, and ones.

SHOW YOUR WORK

4

hundreds	tens	ones	324
			324
			+ 157



Lesson 8 G:2 M:5

EXIT TICKET

Na	ame:	Date:	
Complete:		Class:	
1.	Solve the following problems us place value disks, and vertical for when necessary.		d,
	a. 378 + 113		1
	b. 178 + 141		

Lesson 9 G:2 M:5

Double Bundle

Name	'	Date:
Comp	lete: 🔲	Class:
1	Solve 427 + 385 again u	using a different strategy to check
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SHOW	OUR WORK
	Does 672 + 249 = 921	?
2	Use any strategy to c	heck your work.
	SHOW	OUR WORK



hundreds	tens	ones	. 338
			330
			+ 273

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Lesson 9 G:2 M:5

Name:	Date:
Complete:	Class:
1. Solve the following problems using place value disks, and vertical form when necessary.	
a. 375 + 197	
b. 184 + 338	

Lesson 10 G:2 M:5

EXIT TICKET

Name:	Date:	
Complete:	Class:	

1. Solve using vertical form, and draw disks on a place value chart. Bundle as needed.



Lesson 11 G:2 M:5

Math Magic

ZEARN STUDENT NOTES

Name:	Date:	
Complete:	Class:	

Does 342 + 169 = 511?
Use any strategy to check your work.

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hundreds	tens	ones	
			545
			+ 278



Ms. Joseph used 784 magic cards in her first trick and 179 magic cards in her second trick.



How many magic cards did Ms. Joseph use altogether?

YOUR DRAWING			i
	hundreds	tens	ones

YOUR NUMBER SENTENCE



784 + 179 YOUR WORD SENTENCE

Ms. Joseph used _____ magic cards altogether.

EXTRA WORKSPACE



Lesson 11 G:2 M:5

EXIT TICKET

Name:	Date:	
Complete:	Class:	

1. Solve using vertical form, and draw disks on a place value chart. Bundle as needed.



Lesson 12 G:2 M:5

Sum Sharing

Name:	Date:
Complete:	Class:
1 374 + 210	
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374 + 210	=
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37.4 ± 210	_



A park has 298 pine trees and 142 oak trees.

How many trees does the park have?



YOUR DE	RAWING
YOUR NUMBER SENTENCE	YOUR WORD SENTENCE The park has trees.
EXTRA WO	PRKSPACE



Lesson 12 G:2 M:5

Name:	Date:
Complete:	Class:
1. Choose the best strategy and so that strategy.	olve. Explain why you chose
a. 467 + 298	
EXPLANA	ATION
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Lesson 13 G:2 M:5

Prove It

ZEARN STUDENT NOTES

Name:	Date:
Complete:	Class:

Add the parts together to see if you get the correct total.

Use any addition strategy.

SHOW YOUR WORK

2

hundreds	tens	ones	244
			- 125





Add 125 + 119 to check your work.

Use any addition strategy.

1	SHOW YOUR WORK
1	125 + 119 =
1	

EXTRA WORKSPACE

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Lesson 13 G:2 M:5

EXIT TICKET

Name:_____ Date:_____

Complete: Class:

Solve using mental math or vertical form with place value disks. Check your work using addition.



Lesson 14 G:2 M:5

Subtract and Prove

Name	<u>.</u>	Date:	
Complete:		Class:	
1	Add the parts to prove our a Use any addition strategy.	answer is correct.	
1	SHOW YOU	R WORK	1
 	147 + 387 =		
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Solve 637 – 253 using disks and the subtraction algorithm.

SHOW YOUR WORK						
hundreds	tens	ones	637			
I I I I I I YOUR NUMB I I I I	ER BOND I	YOUR ADDITIO	253			
	EXTRA WC					



Lesson 14 G:2 M:5

Name:		Date:
Complete:		Class:
 Solve by drawing pl addition to check yo 		nart. Then, use
a. 375 - 280	Solve vertically or mentally	Check:
b. 741 - 448	Solve vertically or mentally	Check:

Lesson 15 G:2 M:5

Name:			Da	ate:
Complete:			Cla	ass:
	by drawi		value disks on a char <i>r</i> ork.	t. Then, use
a. 583 -	 - 327		Solve vertically or mentally	Check:
hundreds	tens	ones	! !	
b. 721 -	485		Solve vertically or mentally	Check:
hundreds	tens	ones	 -	
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Lesson 16 G:2 M:5

Smart Strategies

Name:		Date:
Compl	ete: 🔲	Class:
	Maya read 15 more pages	than Braydon. Braydon read 38
	pages.	
***	How many pages did May	<i>r</i> a read?
	YOUR DI	RAWING I I
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YOU	R NUMBER SENTENCE	YOUR WORD SENTENCE I I I I I I I I I I I I I I I I I I I

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Add the two parts to see if you got the whole.

SHOW YOUR WORK



Solve 800 – 463 by counting on.

SHOW YOUR WORK

EXTRA WORKSPACE



Lesson 16 G:2 M:5

EXIT TICKET

Name:	Date:
Complete: \square	Class:

1. Solve vertically or using mental math. Draw disks on the place value chart and unbundle, if needed.

hundreds	tens	ones

hundreds	tens	ones



Lesson 17 G:2 M:5

EXIT TICKET

Name:	Date:
Complete:	Class:

1. Solve vertically or using mental math. Draw disks on the place value chart and unbundle, if needed.

hundreds	tens	ones

hundreds	tens	ones



Lesson 18 G:2 M:5

Multiple Zeros

Date:
Class:
s in her garden. 159 flowers are ow.
s does Shannon have?
RAWING
YOUR WORD SENTENCE Shannon has yellow flowers.

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Lesson 18 G:2 M:5

Name:	Date:
Complete:	Class:
1. Choose the best strategy an that strategy.	nd solve. Explain why you chose
a. 400 – 265	
EXPL.	ANATION
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Lesson 19 G:2 M:5

Sum Different Strategies

Name:	Date:
Complete:	Class:
At the beach, Braydon of	collected 37 fewer seashells than
Maya. Maya collected a	
How many seashells di	d Braydon collect?
YOUR	DRAWING
YOUR NUMBER SENTENCE	I YOUR WORD SENTENCE I I I I I I
	 -

2

SHOW YOUR WORK



SHOW YOUR WORK

Lesson 19 G:2 M:5

Name:	Date:
Complete:	Class:
1. Solve and explain why you	chose that strategy.
a. 400 + 590 =	
I EXPL	ANATION
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I	b. 775 - 497 =	_								
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Lesson 20 G:2 M:5

Strategy Selection

Name:	Date:	
Complete:	Class:	
1 499 + 166 =		

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Lesson 20 G:2 M:5

EXIT TICKET

Name:	Date:
Complete: \square	Class:

Solve each problem using two different strategies.

FIRST STRATEGY	SECOND STRATEGY
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2. 547 + ____ = 841

a.	FIRST STRATEGY	 b. 	SECOND STRATEGY
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ZEARN



Congratulations! You completed

Grade 2 Mission 5

Add and Subtract Big Numbers

Name



