Are you ready to **ŽEARN**?

2018-2019 Edition

Mission 5

Add and Subtract Big Numbers

Name:

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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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Mission 5: Workbook Checklist

1. More or Less	Date:	Teacher Signature:
Math Chat:	O Notes	O Exit Ticket
2. More Hundreds, Fewer Hu	ndreds Date:	Teacher Signature:
Learning Lab:		O Exit Ticket
3. Way? Arrow Way!	Date:	Teacher Signature:
Math Chat:	O Notes	O Exit Ticket
4. Break It Down	Date:	Teacher Signature:
Math Chat:	O Notes	O Exit Ticket
5. Easier Adding	Date:	Teacher Signature:
Math Chat:	O Notes	O Exit Ticket
6. Easier Subtracting	Date:	Teacher Signature:
Math Chat:	O Notes	O Exit Ticket
7. Thousand Strategies	Date:	Teacher Signature:
Z-Squad:	O Notes	O Exit Ticket
8. Add Away	Date:	Teacher Signature:
Math Chat:	O Notes	O Exit Ticket
9. Double Bundle	Date:	Teacher Signature:
Math Chat:	O Notes	O Exit Ticket
10. Compose and Match	Date:	Teacher Signature:
Learning Lab:		O Exit Ticket

11. Math Magic	Dat	e: Teacher Signature:_	
Math Chat:	O Notes	O Exit Tick	æt
12. Sum Sharing	Dat	e: Teacher Signature:	
Z-Squad:	O Notes	O Exit Tick	ket
13. Prove It	Dat	e: Teacher Signature:	
Math Chat:	O Notes	O Exit Tick	ket
14. Subtract and Prove	Dat	e: Teacher Signature:_	
Math Chat:	O Notes	O Exit Tick	æt
15. Showing Subtraction	Dat	e: Teacher Signature:	
Learning Lab:		O Exit Tick	æt
16. Smart Strategies	Dat	e: Teacher Signature:	
Math Chat:	O Notes	O Exit Tick	ket
17. Take Away, from Hundi	reds! Dat	e: Teacher Signature:	
Learning Lab:		O Exit Tick	æt
18. Multiple Zeros	Dat	e: Teacher Signature:_	
Z-Squad:	O Notes	O Exit Tick	ket
19. Sum Different Strategie	es Dat	e: Teacher Signature:_	
Math Chat:	O Notes	O Exit Tick	
20. Strategy Selection	Dat	e: Teacher Signature:_	
Learning Lab:		O Exit Tick	et

Lesson 1 G:2 M:5

More or Less

ZEARN STUDENT NOTES

Name:	Date:
Complete:	Class:
In August, she rescued 40.	June. In July, she rescued 11.
YOUR DE	RAWING
YOUR NUMBER SENTENCE	YOUR WORD SENTENCE
	Super J rescueddogs in all.

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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:	
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.	nds ate 27 blueberries at a picnic.	
How many blueberries of	did they start with?	
YOUR	DRAWING	
YOUR NUMBER SENTENCE I I I I I I I I I I I I I I I I I I	YOUR WORD SENTENCE They started with blueberries.	

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Complete the arrow way.

ARROW WAY

$$280 \xrightarrow{+200} 480 \xrightarrow{+20} 500 \xrightarrow{+10} \underline{\hspace{2cm}}$$

3

Solve.

SHOW YOUR WORK

$$470 + 200$$

470 + 210



Lesson 3 G:2 M:5

250 + 660

EXIT TICKET

Name:	Date:
Complete:	Class:

1. Solve each set of problems using the arrow way.

ا ا a.	440 + 300
 	360 + 440
I I I	440 + 380
<u>L</u>	
 b.	670 + 230
I I	680 + 240



Lesson 4 G:2 M:5

Break It Down

ZEARN STUDENT NOTES

Name	•	Date:
Comp	lete: 🔲	Class:
	Ms. Joseph needs 65 stichas 48. How many more sticks of the control of the contr	cks to make a magic box. She only does she need?
	YOUR	DRAWING 1
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		-,
ا YOU	IR NUMBER SENTENCE	I YOUR WORD SENTENCE
I I		Ms. Joseph needs
I I		more sticks.
I L		Hore sticks.
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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

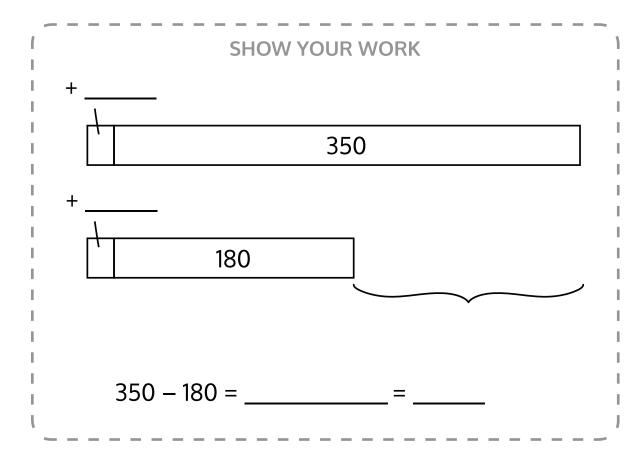
ZEARN STUDENT NOTES

Name:	Date:	
Complete:	Class:	
Maya made 60 cupcakes f sold 28 cupcakes on the fi	or the school bake sale. She rst day.	
How many cupcakes did s	he have left?	
YOUR DE	RAWING 1	
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I	i	
YOUR NUMBER SENTENCE I	YOUR WORD SENTENCE I I I I	
;	Maya had	
	cupcakes left.	
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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

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Lesson 7 G:2 M:5

EXIT TICKET

Na	ame:	Date:
Co	omplete: 🔲	Class:
1.		ow, and use the circled strategy
	to solve 490 + 463.	
	a. Arrow way / Number bond	
	b. Solve:	
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	c. Explain why you chose that s	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

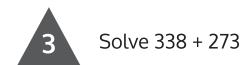
EXIT TICKET

Name:	Date:
Complete: 🔲	Class:
	ng problems using your place value chart, , and vertical form. Bundle a ten or hundred,
a. 378 + 113	
b. 178 + 141	

Lesson 9 G:2 M:5

Double Bundle

Name:		Date:	
Complete:		Class:	
Solve 427 your work	-	a different strategy to ch	neck
	SHOW YOUR	WORK	 1 1 1 1 1
Does 67			
Use any	strategy to check y	your work.	
	SHOW YOUR	WORK	 1 1 1 1
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hundreds	tens	ones	338
			+ 273
			+ 2/3

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Lesson 9 G:2 M:5

Name:	Date:
Complete:	Class:
 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:

1

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?

00	YOUR DRAWING			
	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

ZEARN STUDENT NOTES

Name:	Date: Class:
1 374 + 210	
[ARROW WAY
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I I	I
37	74 + 210 =
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374 + 210 = _____



A park has 298 pine trees and 142 oak trees.

How many trees does the park have?



YOUR DI	RAWING
YOUR NUMBER SENTENCE	YOUR WORD SENTENCE The park has trees.
EXTRA WO	DRKSPACE



Lesson 12 G:2 M:5

Nā	nme:	Date:
Co	mplete:	Class:
1.	Choose the best strategy and that strategy.	solve. Explain why you chose
1	a. 467 + 298	
 	EXPLAN	NATION

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Lesson 13 G:2 M:5

Prove	It
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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

tens	ones	244
		– 125
	teris	teris ories





Add 125 + 119 to check your work.

Use any addition strategy.

1	SHOW YOUR WORK	
I		
I	125 + 119 =	
I		
_		

EXTRA WORKSPACE



Lesson 13 G:2 M:5

EXIT TICKET

Date:_____ Name:_____ 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	•	Date:	
	lete:	Class:	
1	Add the parts to prove our ar Use any addition strategy.	iswer is correct.	
1	SHOW YOUR	WORK	 1
 	147 + 387 = _		1
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Solve 637 – 253 using disks and the subtraction algorithm.

	SHOW YOU	JR WORK	 1
hundreds	tens	ones	637
I I I I I I YOUR NUMB I I I	ER BOND I	YOUR ADDITIO	253 N SENTENCE
	EXTRA WC	 	
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Lesson 14 G:2 M:5

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

Lesson 15 G:2 M:5

Name:		Da	te:	
Complete:		Class:		
1. Solve by drawing addition to che		value disks on a chart ork.	. Then, use	
ı a. 583 - 327		Solve vertically or mentally	Check:	
hundreds tens	ones			
b. 721 - 485		Solve vertically or mentally	Check:	
hundreds tens	ones	l I	 	
\		' 	' 	

Lesson 16 G:2 M:5

Smart Strategies

Name:	· ·	Date:
Compl	lete: 🔲	Class:
1	Maya read 15 more page pages.	s than Braydon. Braydon read 38
∞	How many pages did Ma	aya read?
	YOUR I	DRAWING
l I		
 -	R NUMBER SENTENCE	YOUR WORD SENTENCE
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Add the two parts to see if you got the whole.

SHOW YOUR WORK

3

Solve 800 – 463 by counting on.

SHOW YOUR WORK

EXTRA WORKSPACE



Lesson 16 G:2 M:5

EXIT TICKET

Name:	
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:	
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 18 G:2 M:5

Multiple Zeros

Name:	Date:
Complete:	Class:
Shannon has 300 flower red, and the rest are yell	s in her garden. 159 flowers are ow.
How many yellow flower	rs does Shannon have?
YOUR	DRAWING I
I I I	
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YOUR NUMBER SENTENCE	YOUR WORD SENTENCE
I	Shannon has
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Lesson 18 G:2 M:5

Name:	Date:
Complete:	Class:
1. Choose the best strategy and that strategy.	d solve. Explain why you chose
a. 400 – 265	
I I EXPL/	ANATION

-	b. 507 - 198		
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Lesson 19 G:2 M:5

Sum Different Strategies

Name:	Date:
Complete:	Class:
At the beach, Braydon co Maya. Maya collected a	ollected 37 fewer seashells than total of 48 seashells.
How many seashells did	Braydon collect?
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SHOW YOUR WORK



SHOW YOUR WORK

Lesson 19 G:2 M:5

Name:	Date:
Complete:	Class:
1. Solve and explain why you cho	ose that strategy.
a. 400 + 590 =	
I EXPLAN	NATION

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Lesson 20 G:2 M:5

Strategy Selection

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Complete:	Class:

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Lesson 20 G:2 M:5

EXIT TICKET

Name:	Date:
Complete:	Class:

Solve each problem using two different strategies.

FIRST STRATEGY	SECOND STRATEGY
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2. 547 + ____ = 841

FIRST STRATEGY	- T SECOND STRATEGY
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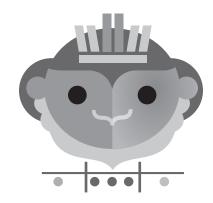
This certificate is proudly presented to

upon completion of

Mission 5: Add and Subtract Big Numbers

The captain is now authorized to begin

Mission 6: Equal Groups



Teacher Signature: ______ Date: _____