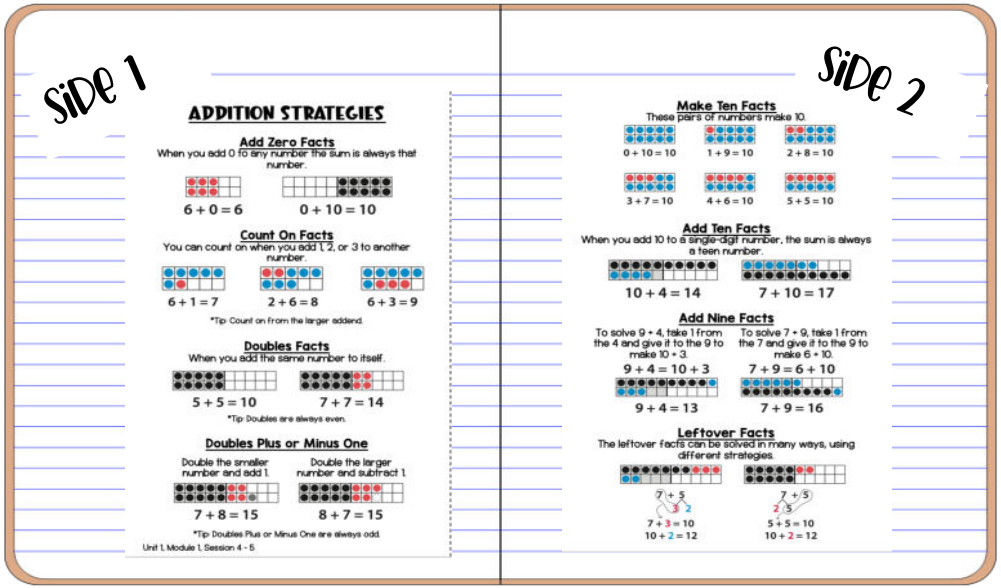
BRIDGES 3RD GRADE UNIT 3

Student Notebook/Journal Pages

TEACHER NOTES:

- This file contains student notebook pages for Bridges Grade 3 Math, Unit 3.
- These pages were designed to help differentiate based on student needs and allow students to go back and review key concepts.
- These pages are made to fit in any size notebook (composition or spiral). Simply cut on the dotted line and glue on necessary pages inside notebook.



Note: If you want to fit the whole page on a single notebook page, you will need to either print 2 copies per page OR scale the page down to 80%.

Fonts Used:

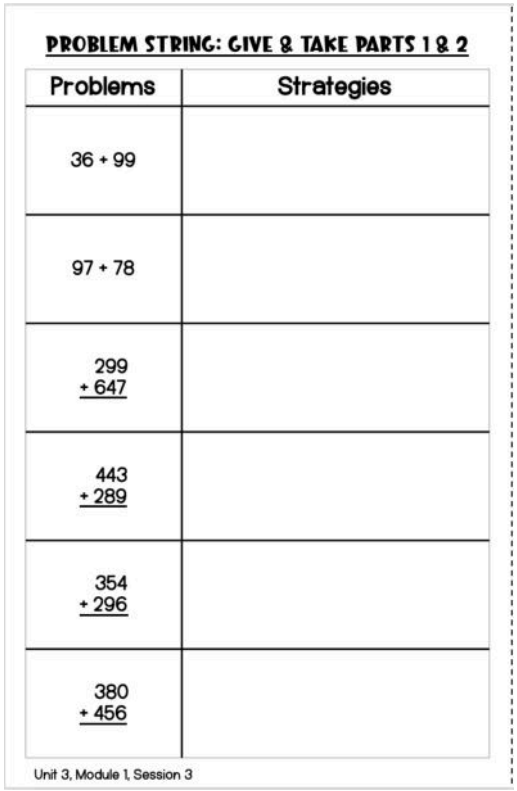
Headings: **AG ADULTISH**

Definitions: AG Lazy Level Expert Bold

TEACHER NOTES:

For the Problem String Pages and Word Problems, there are TWO versions.

- **Version 1:** Problem string pictures/equations are already featured on student page.

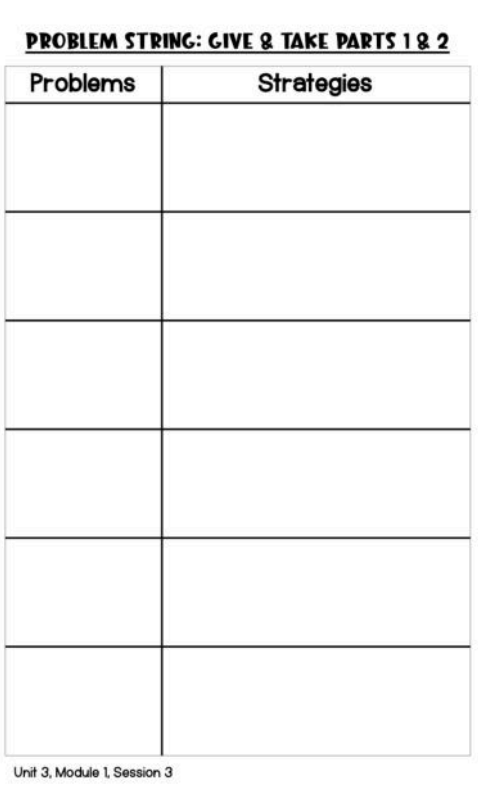


PROBLEM STRING: GIVE & TAKE PARTS 1 & 2

Problems	Strategies
36 + 99	
97 + 78	
299 + 647	
443 + 289	
354 + 296	
380 + 456	

Unit 3, Module 1, Session 3

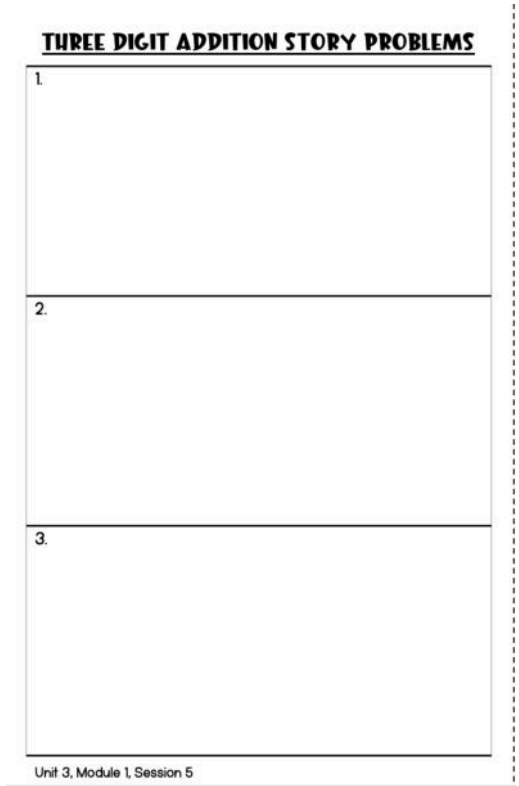
- **Version 2:** Problem string pictures/equations are blank. Students would copy equations or only show work on their student page.



PROBLEM STRING: GIVE & TAKE PARTS 1 & 2

Problems	Strategies

Unit 3, Module 1, Session 3



THREE DIGIT ADDITION STORY PROBLEMS

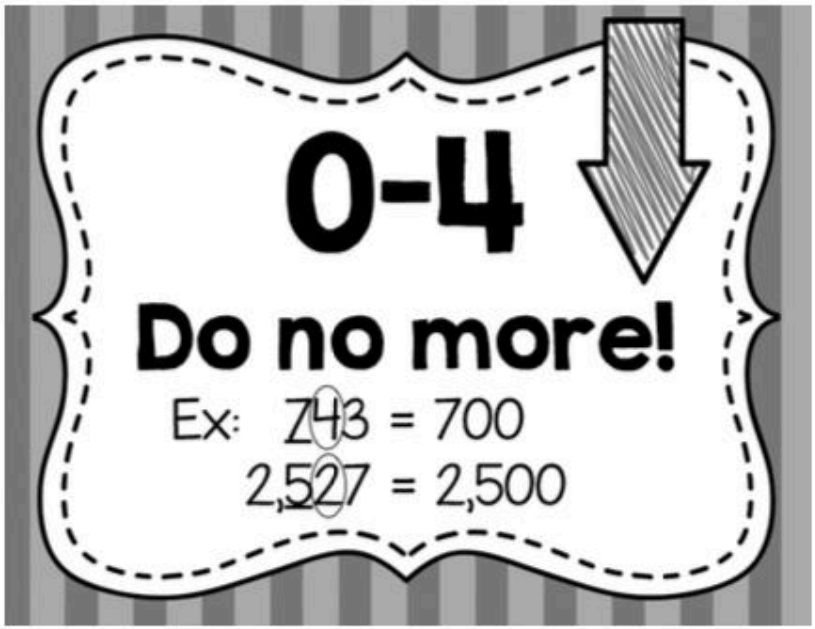
1.

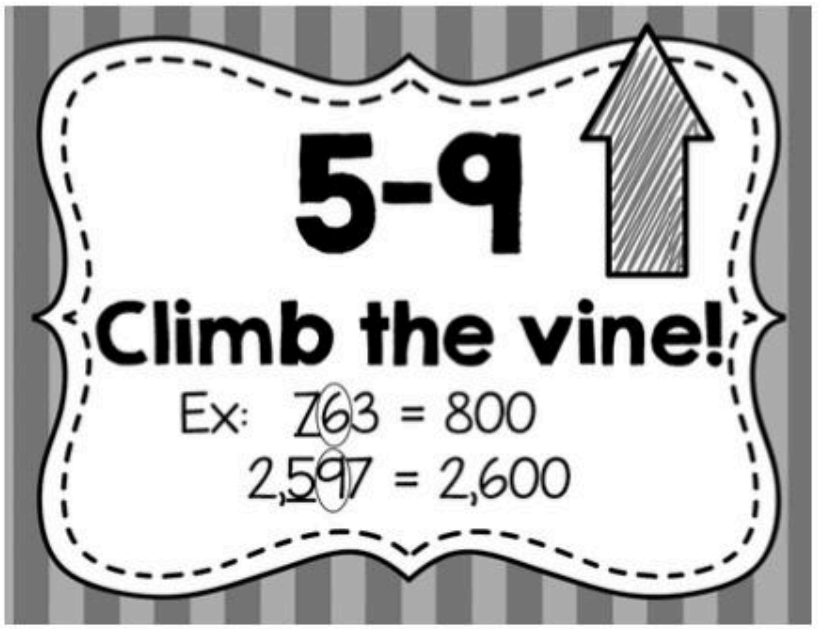
2.

3.

Unit 3, Module 1, Session 5

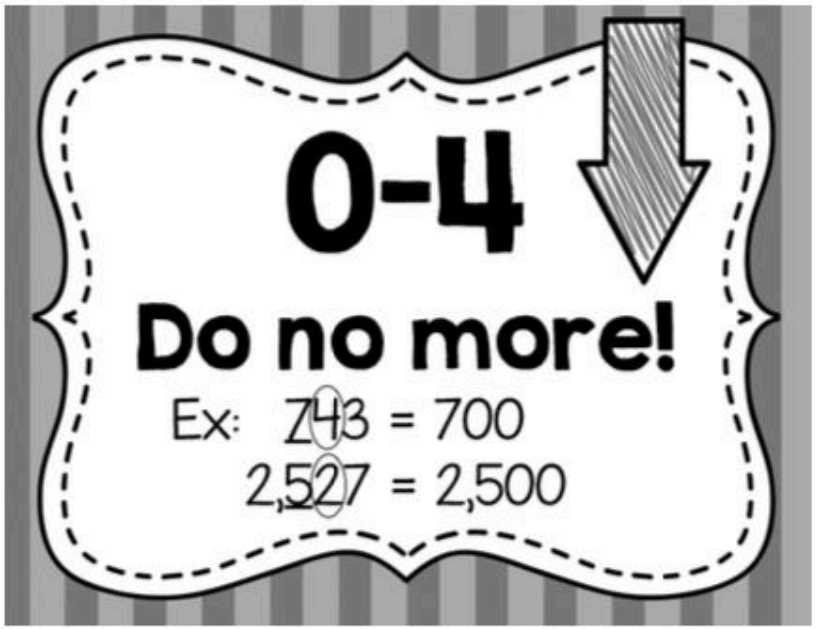
ROUNDING RULES

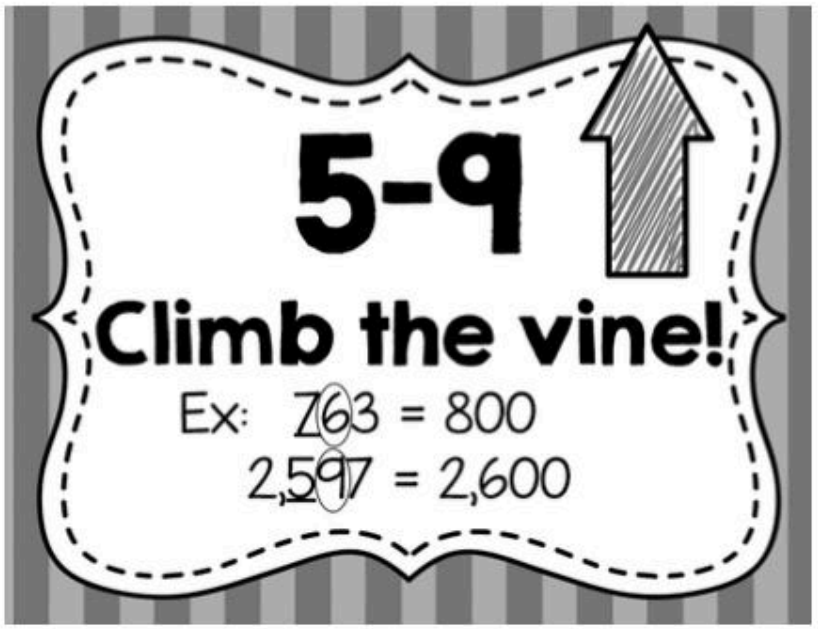




Original Source: Kathleen and Mande'

ROUNDING RULES





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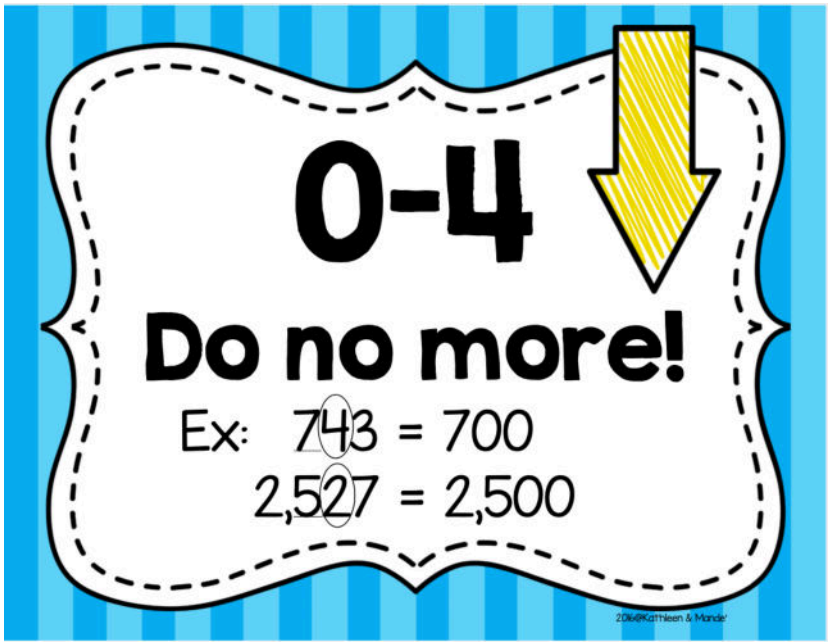

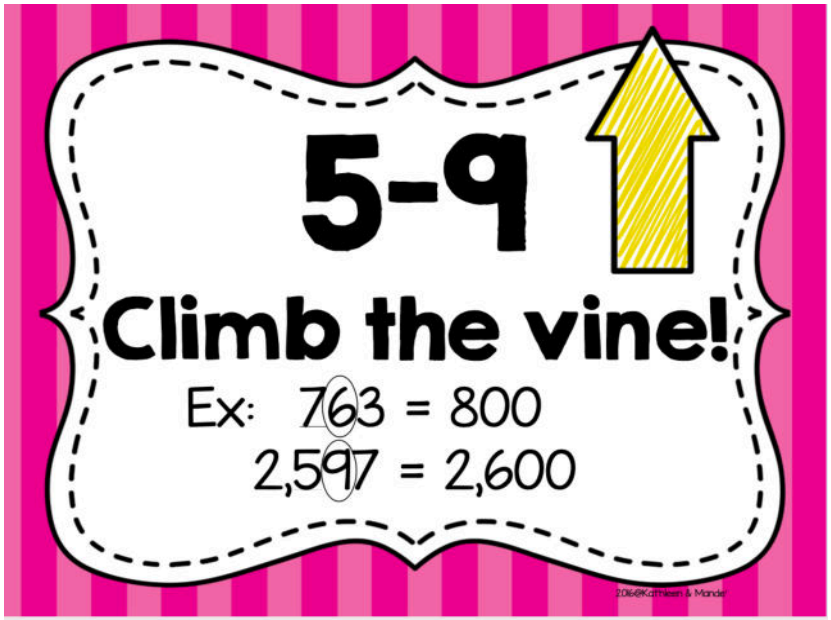

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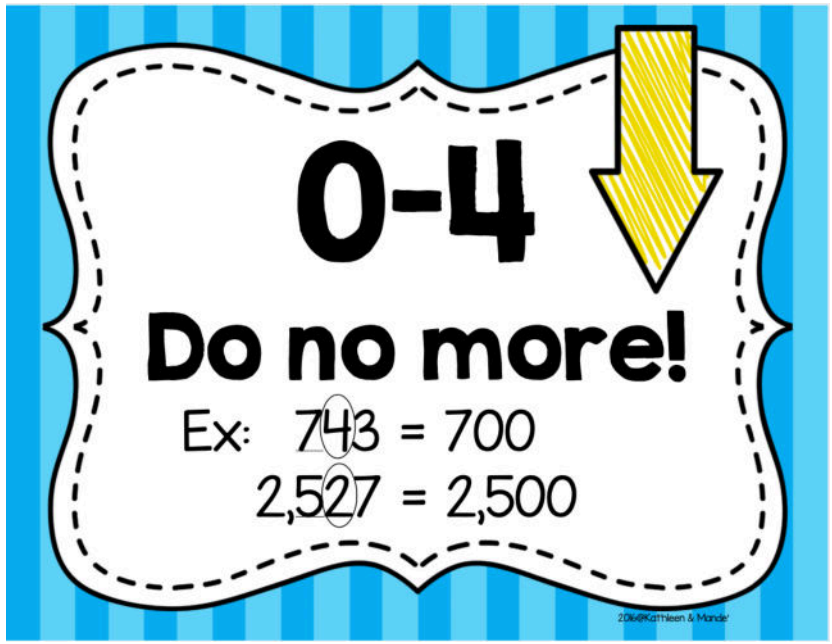

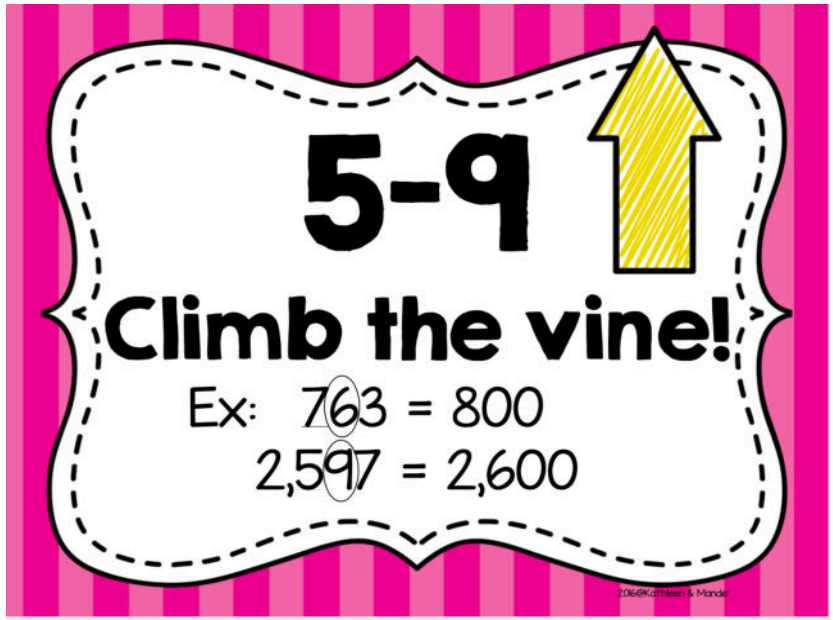

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Unit 3, Module 1, Session 3

PROBLEM STRING: GIVE & TAKE PARTS 1 & 2

Problems	Strategies

PROBLEM STRING: GIVE & TAKE PARTS 1 & 2

Problems	Strategies

Unit 3, Module 1, Session 3

THREE DIGIT ADDITION STORY PROBLEMS

1. Ashley and Alex collected soda cans to recycle. Ashley had 275 cans and Alex had 168 cans. How many cans did they have in all?

2. Dakota and Marcus are raising money to donate to their local animal shelter. Dakota raised $297 and Marcus raised $325. How much money did they raise in all?

3. Miranda loves to collect pennies in her special penny jar. She had 712 pennies in the jar, and her grandma just gave her 189 more. How many pennies does she have in all?

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Unit 3, Module 1, Session 5

THREE DIGIT ADDITION STORY PROBLEMS

1.

2.

3.

THREE DIGIT ADDITION STORY PROBLEMS

1.

2.

3.

Unit 3, Module 1, Session 5

READING BOOK PROBLEMS

1. I am on page 26 of a biography. How many more pages do I have left to read if there are 292 pages in the book?

2. The other book I am reading has 183 pages. I am on page 157. How many more pages do I have to read?

3. Sam is reading a novel. He is on page 347. There are 381 pages in the book. How many more pages does Sam have left to read?

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3. Sam is reading a novel. He is on page 347. There are 381 pages in the book. How many more pages does Sam have left to read?

Unit 3, Module 2, Session 1

READING BOOK PROBLEMS

1.

2.

3.

READING BOOK PROBLEMS

1.

2.

3.

Unit 3, Module 2, Session 1

CONSTANT DIFFERENCE

Right now I am reading a book and I am almost done. The book has 384 pages. I am on page 350. How many more pages do I have left to read?

63 – 39 = n

149 – 132 = _____

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Right now I am reading a book and I am almost done. The book has 384 pages. I am on page 350. How many more pages do I have left to read?

63 – 39 = n

149 – 132 = _____

Unit 3, Module 2, Session 2

CONSTANT DIFFERENCE

CONSTATNT DIFFERENCE

Unit 3, Module 2, Session 2

SAME DIFFERENCE PROBLEMS

1. The Jaguars scored 343 points in the basketball tournament. My team has only scored 198 points so far. How many more points does my team have to score to tie the Jaguars?

2. Martha has saved $304. She wants to buy a bike for $423. How much more money does she need to save to buy the bike?

3. Jin is traveling to Denver with his family. It is 582 miles from his family's house to Denver. They have driven 218 miles so far. Jin asked his mom, "How much farther?" How many more miles do they need to drive to get to Denver?

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Unit 3, Module 2, Session 2

SAME DIFFERENCE PROBLEMS

1.

2.

3.

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1.

2.

3.

Unit 3, Module 2, Session 2

PROBLEM STRING: CONSTANT DIFFERENCE

Problems	Strategies
75 - 40	
74 - 39	
76 - 41	
77 -42	
79 - 44	
80 - 45	
99 - 64	

PROBLEM STRING: CONSTANT DIFFERENCE

Problems	Strategies
75-40	
74 - 39	
76 - 41	
77 -42	
79 - 44	
80 - 45	
99 - 64	

Unit 3, Module 2, Session 3

PROBLEM STRING: CONSTANT DIFFERENCE

Problems	Strategies

PROBLEM STRING: CONSTANT DIFFERENCE

Problems	Strategies

Unit 3, Module 2, Session 3

SUBTRACTION ON A NUMBER LINE

1. The third graders are selling raffles tickets for the school carnival. Matt has sold 52 tickets. Briana has sold 87 tickets. How many more raffle tickets has Briana sold than Matt?

a. Equations: _____ _____
b. Estimate your answer mentally.
c. Think about the number line subtraction strategy that might be best to solve this problem.

2. Carter wanted to weigh his puppy, but the pully wouldn't stand still on the scale. So Carter weighed himself. He weighed 59 pounds. Then he picked up the puppy and stood on the scale. Together they weigh 85 pounds. How much did the puppy weigh?

3. Jasmine read three chapters of her adventure book in one night, and now she is on page 204. The adventure book has 590 pages. How many more pages does Jasmine need to read to finish the book?

4. Cedric and Willie are collecting game store tokens. Cedric has 295 tokens, and Willie has 523 tokens. Who has more tokens? How many more does he have?

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Unit 3, Module 2, Session 4

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Unit 3, Module 2, Session 4

SUBTRACTION ON A NUMBER LINE

1.

2.

3.

4.

SUBTRACTION ON A NUMBER LINE

1.

2.

3.

4.

Unit 3, Module 2, Session 4

EXPANDED FORM

Problems	Strategies
43	
106	
316	
150	
309	
2,006	

EXPANDED FORM

Problems	Strategies
43	
106	
316	
150	
309	
2,006	

Unit 3, Module 3, Session 2

EXPANDED FORM

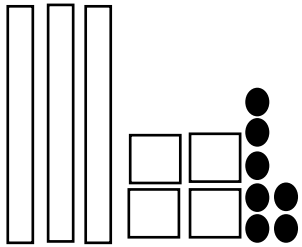
Problems	Strategies

EXPANDED FORM

Problems	Strategies

Unit 3, Module 3, Session 2

EXPANDED FORM CONTINUED

Problems	Strategies
	
2,034	

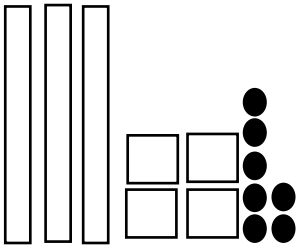
Compare the following using >, <, =

3,407 _____ 2,043

4,307 _____ 3,407

3,407 _____ 3,470

EXPANDED FORM CONTINUED

Problems	Strategies
	
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Unit 3, Module 3, Session 2

EXPANDED FORM CONTINUED

Problems	Strategies

Compare the following using >, <, =

EXPANDED FORM CONTINUED

Problems	Strategies

Compare the following using >, <, =

Unit 3, Module 3, Session 2

THREE- DIGIT PROBLEMS

1. The Scouts are collecting canned food to donate to the Food Bank in their town. Last Saturday, they collected 175 cans. This Saturday, they collected 168 cans. How many cans have they collected in all?

Choose and solve one or more of the problems below.

2. The third graders did a play last week. They did one show for the other kids in the school, and one show for their families. 238 people came to the first show. 154 people came to the second show. How many people in all watched the show.

3. There are 137 kindergartners, 139 first graders, and 153 second graders at Wood Primary School. How many students are there in all?

4. Add.

329	258	105	243	187
+ 217	+ 171	+ 165	+ 158	+ 211

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Unit 3, Module 4, Session 1

THREE- DIGIT PROBLEMS

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Unit 3, Module 4, Session 1

WHICH ADDITION STRATEGIES WORK BEST?

- You don't have to use the same strategy all the time
- Look at the numbers first to see which strategy might work best
- Look for times when you can take some from one of the numbers and give it to the other number to make the problem easier
- If you don't have to regroup, the traditional algorithm is fast and easy – just line the numbers up and add
- The standard algorithm always works, so it's good if you don't think of an easier strategy
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Unit 3, Module 4, Session 2

MORE THREE- DIGIT PROBLEMS

1. Lexi's book has 327 pages. She has read 118 pages so far. How many pages does she have left to read?

Choose and solve one or more of the problems below.

2. King School is having a Read-a-Thon. The kids in Mr. Bell's class set a goal of 350 books. They still have to read 184 books to reach their goal. How many books have they read do far?

3. There are 123 books on the shelf. Some kids got books off the shelf to read. Now there are 778 books on the shelf. How many books did the kids take?

4. Subtract.

333	239	304	400	422
− 218	− 171	− 165	− 278	− 273

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Unit 3, Module 4, Session 3

MORE THREE- DIGIT PROBLEMS

MORE THREE-DIGIT PROBLEMS

Unit 3, Module 4, Session 3

WHICH SUBTRACTION STRATEGIES WORK BEST?

- You don't have to use the same strategy all the time
- Look at the numbers first to see which strategy might work best
- Look for ways to use constant difference to make the problems easier
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Unit 3, Module 4, Session 4