Eureka Math

2nd Grade Module 5 Lesson 12

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Directions for customizing presentations are available on the next slide.



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Reflecting your Teaching Style and Learning Needs of Your Students

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- ➤ Choose MAKE A COPY and rename your presentation.
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Icons















Problem Set



Manipulatives Needed







Lesson 12

Objective: Choose and explain solution strategies and record with a written addition method.

Suggested Lesson Structure



(12 minutes) (38 minutes) (10 minutes) (60 minutes)





I can choose and explain solution strategies and record with a written addition method.

Materials Needed:



Fluency

• Sprint

Concept Development:

- (S) Place value disks (9 hundreds, 18 tens, 18 ones),
- (S) personal white board





61 + 99 =

Let's use a mental math strategy to add.

How much more does 99 need to make 100? Where can I get it?

Take 1 from 61, and give it to 99. Say the simplified number sentence with the answer.

99 + 46. Say the simplified number sentence with the answer.



A STORY OF UNITS

Lesson 12 Sprint 205

Number Correct:

A

Compensation Addition

1.	98 + 3 =	
2.	98 + 4 =	1
3.	98 + 5 =	
4.	98 + 8 =	
5.	98 + 6 =	
6.	98 + 9 =	
7.	98 + 7 =	
8.	99 + 2 =	
9.	99 + 3 =	
10.	99 + 4 =	
	22 2	1

23.	99 + 12 =	
24.	99 + 23 =	
25.	99 + 34 =	
26.	99 + 45 =	
27.	99 + 56 =	
28.	99 + 67 =	
29.	99 + 78 =	8
30.	35 + 99 =	
31.	45 + 98 =	
32.	46 + 99 =	





Problem 1: 374 + 210

Turn and talk: What are some strategies you could use to solve this problem?

Problem 2: 398 + 142

Turn and talk: What are some strategies you could use to solve this problem?

Problem 3: 287 + 234

Turn and talk: What are some strategies you could use to solve this problem?





Let's begin by adding the ones. Look at the vertical form and chip model. Tell your partner what you notice. How are they the same?

Remember, what we do on the chip model, we do to the numbers. We composed a ten, so we circle the 10 ones and draw an arrow into the tens place, where we draw the new unit of 10.

Problem Set

Problem Set



Explain which strategy is most efficient for Tracy to use and why.



Share with your partner: For Problem 1, which strategy was most efficient for Tracy to use? Why? Do you agree or disagree with your partner?

Can you explain any alternate problem-solving strategies for Problem 1?

Can you explain any alternate problem-solving strategies for Problem 1?



To solve Problem 2(b), which strategy did you choose? How did your understanding of place value help you solve this problem quickly?

How did you solve Problem 2(c)? What made 2(c) more difficult to solve with a simplifying strategy? Could you have done so?



A STORY OF UNITS	Lesson 12 Exit Ticket 2•5
Name	Date
Choose the best strategy an	d solve. Explain why you chose that strategy.
1. 467 + 298	Explanation:
2 200 - 524	
2. 300 + 324	