Eureka Math

2nd Grade Module 4 Lesson 20

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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

- > When the Google Slides presentation is opened, it will look like Screen A.
- > Click on the "pop-out" button in the upper right hand corner to change the view.
- \succ The view now looks like Screen B.
- ➤ Within Google Slides (not Chrome), choose FILE.
- ➤ Choose MAKE A COPY and rename your presentation.
- ➤ Google Slides will open your renamed presentation.
- ➤ It is now editable & housed in MY DRIVE.



Icons



















Manipulatives Needed







Lesson 20

Objective: Use math drawings to represent additions with up to two compositions and relate drawings to a written method.

Suggested Lesson Structure

Fluency Practice
 Application Problem
 Concept Development
 Student Debrief
 Total Time

(10 minutes)
(6 minutes)
(34 minutes)
(10 minutes)
(60 minutes)





I can use math drawings and written method to represent additions with up to two compositions.

Materials Needed:



Fluency: (T) Addition flash cards (fluency template)

Concept Development:

(S) student math journal



Addition Fact Flashcards



3 +_=5





Sprint

A STORY OF UNITS

Lesson 20 Sprint 2-4

Number Correct: _____

A

Addition Crossing a Ten

1.	38 + 1 =	
2.	47 + 2 =	
3.	56 + 3 =	
4.	65 + 4 =	
5.	31 + 8 =	
6.	42 + 7 =	
7.	53 + 6 =	
8.	64 + 5 =	
9.	49 + 1 =	
10.	49 + 2 =	
11.	49 + 3 =	
12	49 + 5 -	

23.	85 + 7 =	
24.	85 + 9 =	
25.	76 + 4 =	
26.	76 + 5 =	
27.	76 + 6 =	
28.	76 + 9 =	
29.	64 + 6 =	
30.	64 + 7 =	
31.	76 + 8 =	
32.	43 + 7 =	
33.	43 + 8 =	
34	13 + 0 -	





Kendra and Jojo are counting their marbles. Kendra has 38, and Jojo has 62. Kendra says they have 100 marbles altogether, but Jojo says they have 90. Use words, numbers, or a model to prove who is correct.





Write 76 + 27 the vertical way on your whiteboards.





Write 42 + 96 the vertical way on your whiteboards.





Problem Set

Name		Date	
. Solve vertically. Draw chips on	the place value chart o	ind bundle, w	hen needed.
a. 23 + 57 =	100's	10's	1's
b. 65 + 36 =	100's	10's	1's



Explain to your partner how you solved Problems 1(a) and (b). What significant differences do you notice about the place value charts for these two parts of the problem? Why?

For Problem 1(c), use place value language to explain to your partner how your model matches vertical form.

One student's answer for Problem1(d), 47 + 75, was 112. Was she correct? What mistake did she make in vertical form?



Look carefully at Problem 1(e), 68 + 88. Could you have solved this problem mentally? How?

Think about your math drawings. How did you know when to rename ones? Tens? What did that look like in vertical form?

n	Exit	Ticket
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ame		Date	
olve vertically. Draw chips o	on the place value chart	and bundle,	when needed.
46 + 65 =	100's	10's	1's

2. 74 + 57 =	100's	10's	1's	