Eureka Math

Kindergarten Module 5 Lesson 20

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Reflecting your Teaching Style and Learning Needs of Your Students

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Icons





Read, Draw, Write











Manipulatives Needed







Lesson 20

Objective: Represent teen number compositions and decompositions as addition sentences.

Suggested Lesson Structure

Fluency Practice
Application Problem
Concept Development
Student Debrief
Total Time

(12 minutes) (7 minutes) (24 minutes) (7 minutes) (50 minutes)





Materials Needed

Teacher

- Prepared array images
- Circular configurations
- Large Ten Frame Cards (lesson 1, fluency 3)
- Dot cards of 7



Materials Needed

Student

- Rekenrek (lesson 10)
- Bag of beans (20)
- Blank Number Bond



Represent teen number compositions and decompositions as addition sentences.



Fluency Practice (12 minutes) Dot Cards of 7 (4 minutes)

(Show 7 dots.) How many do you

see? (Give students time to count.)

How can you see 7 in two parts?

Say the number sentence.







Fluency Practice (12 minutes) Dot Cards of 7 (4 minutes)

Who sees 7 in two different parts?

Say the number sentence.







Continue.



Fluency Practice (12 minutes) Count Crossing Tens (4 minutes)

Today, we're going to work in groups of 3. Put your personal Rekenreks together, and count your beads. Say "buzz" after you finish a row. Partner A moves the beads of the first Rekenrek, Partner B moves the beads of the second, and Partner C moves the beads of the third.



Fluency Practice (12 minutes) Count Crossing Tens (4 minutes)

If you finish early, count again. This time, after the color changes, say "buzz."





Fluency Practice (10 minutes) Group Tens and Ones (4 minutes)

- Say the number of objects that you see.
- Say the number
- the Say Ten way.





Application Problem (7 minutes)

Each student was given 6 colored pencils and 4 regular pencils. How many pencils did each student get? Draw a picture and a number bond, and then write a number sentence.

- Put 10 red beans in one part of the number bond. Put 3 white beans in the other part.
- What is 10 ones and 3 ones?
- Say the number the Say Ten way.



- Today, let's work the Say Ten way.
- Move 1 bead from your 7 over to the right like we did in our fluency activity.
- Total 16. The two parts are ...?

- Now, count 13 beans into the place where we show the total or whole amount.
- So, we have 13 in two parts. What are the parts?
- Talk to your partner. When we solved our story problem today, we had two parts. What is another way you already know to show a number in two parts?

- Lots of good ideas. We can show the same idea in so many ways. When we are thinking about 13, what do you think is the clearest way to show the two parts of 10 and 3. Talk to your partner.
- Each way we show a number in two parts
- helps us understand our number better.
- Addition is another way to do that.



10 + 3 = _

What is 10 + 3? Give me a complete number sentence.



13 = _____+ ___

How many beans are in this part? Let's count.



Problem Set 7 min

Date					
e a number sentence to match.					
	·]				
= = 10	+ 4				
11 Early finishers: Make up your ow teen number bonds and numb sentences on th = +	vn er ie				
	Date				

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Lesson 20: Represent teen number compositions and decompositions as addition sentences.



Debrief (8 minutes)

Lesson Objective:

Represent teen number compositions and decompositions as addition sentences.



Debrief

(8 minutes)

- In a number bond, which number is larger—the whole or a part?
- Explain how the teen numbers are10 ones and some more ones.
- Look at each number bond as I say the whole. You read the number the Say Ten way; for example, I say 13, and you say ten 3.
- Mental math: I say 16; you say 10+6. I say 17; you say...? I say 19; you say...?
- Show a row of ten on the Rekenrek, and then slide beads to show the teen numbers. Say the numbers the regular and Say Ten way.
- What are we doing with the parts when we add? Are we putting them together or taking them apart?

Exit Ticket (3 minutes)

Name				Date	
The first nur	nber is the whole	e. Circle it	s parts.	5 1	23
	12	10	6	2	
	11	1	10	8	
	14	4	2	10	
	18	1	10	8	
	10	10	1	0	
	20	10	2	10	



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