#### Eureka Math

2nd Grade Module 6 Lesson 2

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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





Read, Draw, Write











Manipulatives Needed









- Core Fluency Practice Sets
- Personal White Board
- Counters

#### Lesson 2

Objective: Use math drawings to represent equal groups, and relate to repeated addition.

#### Suggested Lesson Structure

- Fluency Practice
- Concept Development
- Application Problem
- Student Debrief

**Total Time** 

(12 minutes)(22 minutes)(16 minutes)(10 minutes)(60 minutes)





Use math drawings to represent equal groups, and relate to repeated addition.





Complete as many problems as you can in 120 seconds



Raise your hand when you know the answer...

16-9

16





Raise your hand when you know the answer...

Subtract 9 from 10

46 - 9 = 37

46-9



Let's do some more...

# 15-933-812-953-714-845-915-742-916-916-913-835-713-746-936-9



#### Subracting Multiples of Hundreds and Tens

What is 2 tens less than 130?

Give the subtraction number sentence.

What is 2 hundreds less than 350?

Give the subtraction number sentence.



#### Subracting Multiples of Hundreds and Tens

#### 6 tens less than 150

- 3 hundreds less than 550
  - 7 tens less than 250



#### How can we find the total number of counters?Let's add them up!



## We can use repeated addition! 3+3+3+3=12

How does the number sentence relate to the model?



Now, it's your turn! You are going to draw groups of circles. You can pretend they are donuts or stars, or whatever, but when we model, we'll be drawing circles.



Draw 5 large circles to represent the groups.





Draw 2 circles in each group.





Draw a line beneath each group. What number will be write on each line?.



<u>2</u> + <u>2</u> + <u>2</u> + <u>2</u> = 10



This time let's draw groups of 5.

Draw one group of 5.





Draw another group of 5.





Draw one more group of 5





How many are in each group?



What is the repeated addition?

#### Problem Set



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|----|----------------|--|------------------------------------|---|
|    |                |  |                                    |   |
| N  | ame            |  | Date                               |   |
| 1. | Write<br>Then, | a repeated addition equation to show th<br>find the total. | e number of objects in each group. |   |
|    | a.             |  |                                    |   |
|    |                |  |                                    |   |

| 3 groups of | = |  |
|-------------|---|--|
|-------------|---|--|



## Application Problem

Mayra sorts her socks by color. She has 4 purple socks, 4 yellow socks, 4 pink socks, and 4 orange socks.

a. Draw groups to show how Mayra sorts her socks.b. Write a repeated addition equation to match.c. How many socks does Mayra have in all?



- Let's review our Problem Set
- For Problem 1 (a), what REPEATED ADDITION equation matches the picture? How did you find the total?
  - For Problem 1(b), what REPEATED ADDITION equation matches the picture? Why are there 4 addends?



- For Problems 2, how many equal groups are there? What repeated addition matches the picture? What does the number 4 represent? How did you find the total?
  - For Problem 3, share your drawing and your equation with a partner. How many groups of hearts are there altogether? How did you find the total?

#### Fill in the blank:

"When writing a repeated addition equation, the repeated number shows\_\_\_\_\_."

## Exit Ticket

| NYS COMMON | CORE MATHEMATI | CS CURRICULUM |
|------------|----------------|---------------|
|            |                |               |

Lesson 2 Problem Set 2.6

| N | a | m | e |
|---|---|---|---|
|---|---|---|---|

Date\_\_\_\_\_

 Write a repeated addition equation to show the number of objects in each group. Then, find the total.

| a. | $\checkmark \checkmark \checkmark \checkmark \checkmark$ |
|----|--|
|    | + =  |
|    | 3 groups of =  |
| b. |  |
|    | ++=  |