Eureka Math

Kindergarten
Module 5
Lesson 19

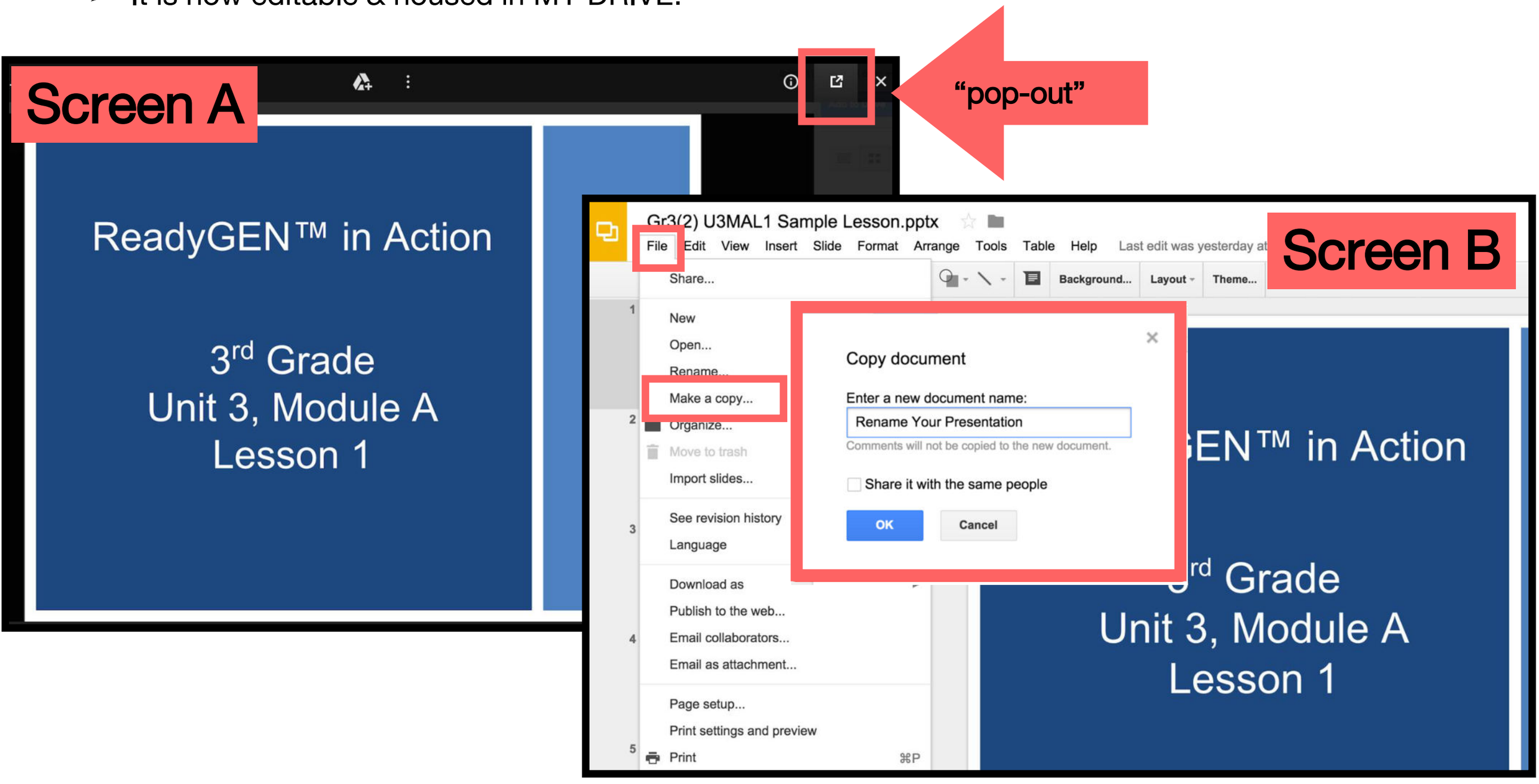
At the request of elementary teachers, a team of Bethel & Sumner educators met as a committee to create Eureka slideshow presentations. These presentations are not meant as a script, nor are they required to be used. Please customize as needed. Thank you to the many educators who contributed to this project!

Directions for customizing presentations are available on the next slide.

Customize this Slideshow

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.
- 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

Learning Target

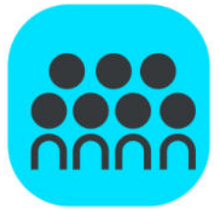
Personal White Board

Problem Set

Manipulatives Needed

Fluency

Think Pair Share



Whole Class

Individual

Partner

Small Group

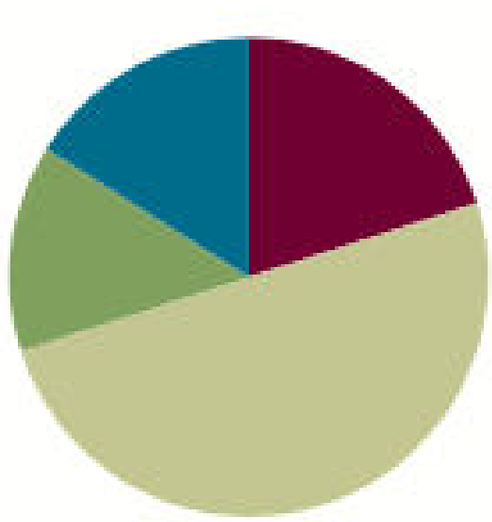
Small Group Time

Lesson 19

Objective: Explore numbers on the Rekenrek. (Optional)

Suggested Lesson Structure

Application Problem	(7 minutes)
Fluency Practice	(10 minutes)
Concept Development	(25 minutes)
Student Debrief	(8 minutes)
Total Time	**(50 minutes)**



Materials Needed

Teacher

Materials Needed

Student

- Rekenrek
- Lesson 18 Problem Set
- Hide Zero Place Value Cards
- Fluency Template

Explore numbers on the rekenrek.

Application Problem
(7 minutes)

The light is out, and it's dark. Peter knows that he left 7 blue and green beads for his crafts on his desk. But he can't see how many are blue or how many are green in the dark! Draw a picture to show what the colors of his beads might be when he turns on the light.

When students have finished, have them compare their work with another student. Is their way of showing the beads the same? Why or why not? How is this problem like the problems in previous lessons with the flowers and the apples?

Fluency Practice (10 minutes)

Number Bonds of 7 (3 minutes)

Show ten beads only. (Students push a row of ten behind.) T: Hide 3 white beads behind your board.

T: The total number of beads you see is ...?

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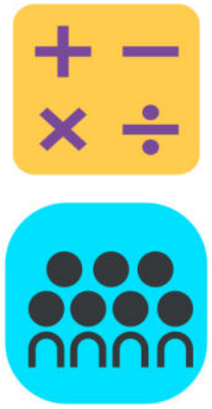


Fluency Practice (10 minutes)

Number Bonds of 7 (3 minutes)

Push over 1 bead to the right to make 2 parts.

Tell your partner the number bond.

Part ____, part ____, total 7.

Fluency Practice (10 minutes)

Count to 100 by Ones (3 minutes)

Students count to 100 (or as high as they can in 3 minutes) by touching the beads on the Rekenrek dot paper. Have them say “buzz” after the last number of each row.

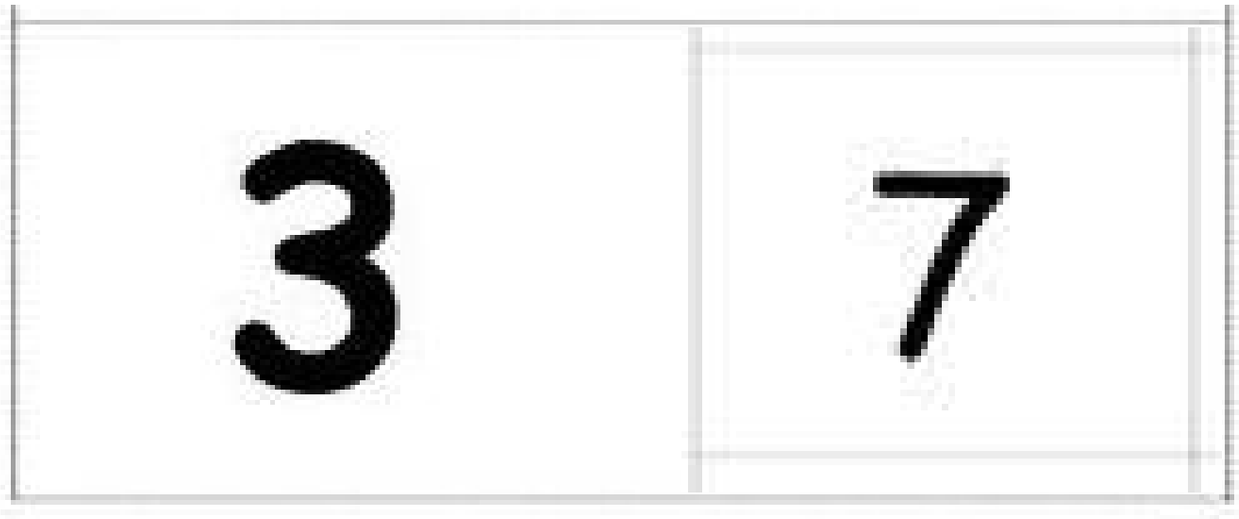
Fluency Practice (10 minutes)

Hide Zero for Numbers to 100 (3 minutes)

(Hold the 30 card and 7 card so they show 37.) Say the number.

Say the number the

Say Ten way.



(Break apart the cards into 30 and 7.)

Concept Development (25 min)

Exploration 1:

Show me 7 again on your Rekenrek.

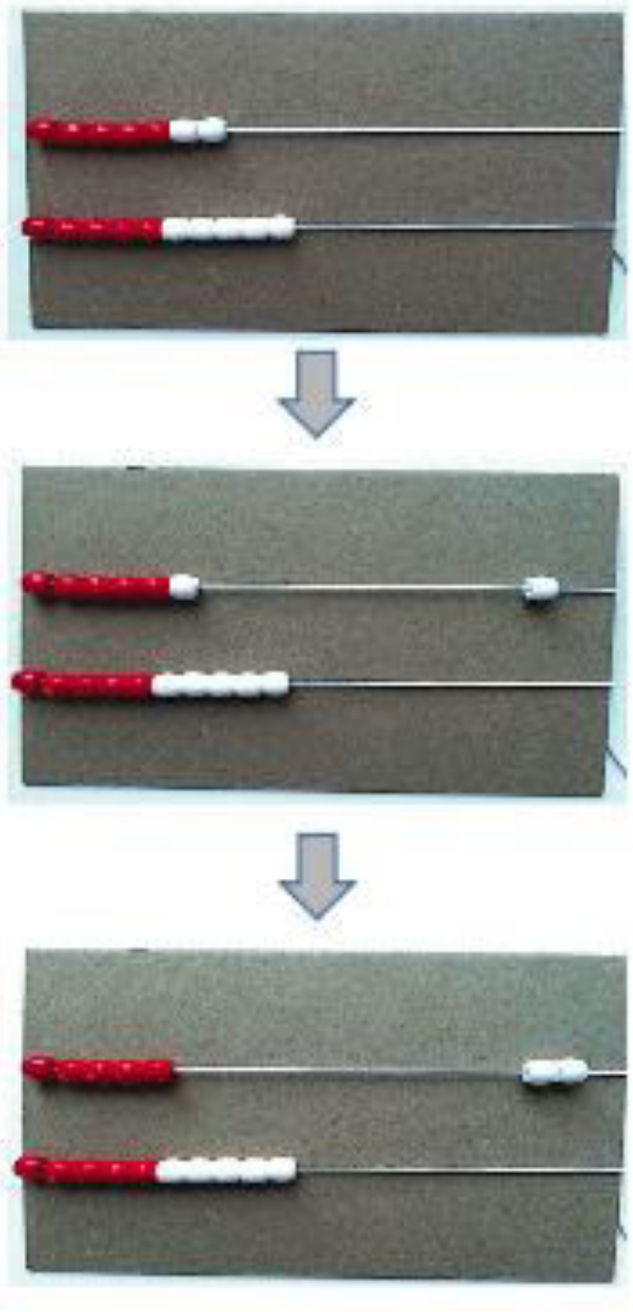
Take the bottom ten beads of your Rekenrek out of hiding. Push them over to the left under your 7.

How many beads are on the left?

Concept Development (25 min)

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 ...?



Concept Development (25 min)

Move another bead. Total 15. The parts are ...?

Move another!

Keep going! (Give students a moment to work through the teen numbers.)

Concept Development (25 min)

Exploration 2

Now, sit with a partner. Partner B, take all your beads out of hiding, and put your Rekenrek under your partner's. Partner A, show ten 7 again.

Using both Rekenreks, how many beads do you have on the left now? Tell me the Say Ten way.

Concept Development (25 min)

Move 1 bead from the 7 to the right. How many beads are on the left?

Move a bead. (3 tens 5)

Move a bead. (3 tens 5)

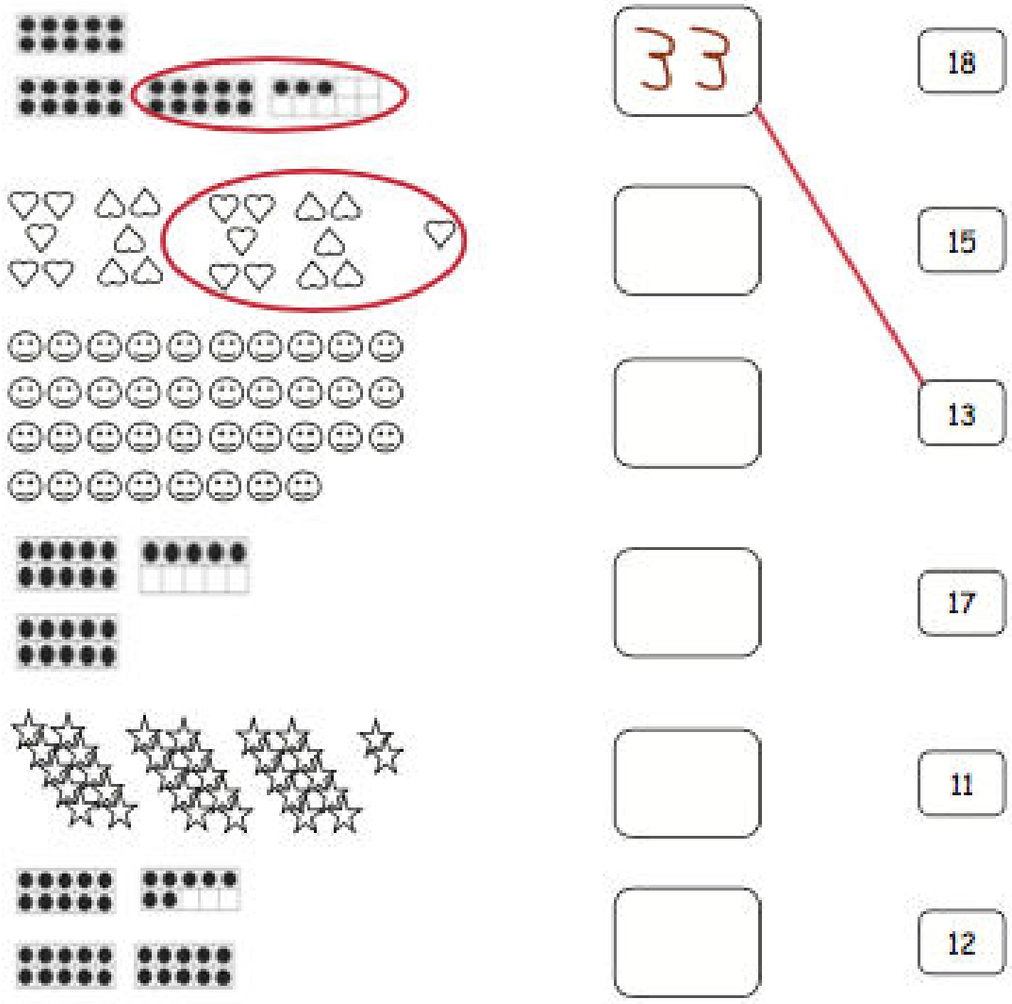
Problem Set

7 min

Name _____ Date _____

Find the Hidden Teen Number

Show each number on your Rekenrek with your partner. Write how many. Circle the teen number inside the big number. Draw a line from the big number to the teen number that hides inside it.



Debrief

(8 minutes)

Lesson Objective:

Explore numbers on the rekenrek.

Debrief

(8 minutes)

- What did your teen number bonds help you see about the larger numbers?
- When you make a teen number in parts, what do you notice? Which is always larger, the parts or the total (or whole)?
- What happens if the top row on your Rekenrek is a part? What is the other part?
- Whatelsecouldbeapartofalargernumber?
- When you circled teen numbers on the Problem Set, you were finding a part. What part did you find in the first problem?
- Howdoesfindingpartshelpyoutounderstandlargenumbersbetter?

Exit Ticket

(3 minutes)

Name _____ Date _____

Show the number on your Rekenrek with your partner. In the box, write the number that tells how many objects there are. Circle the teen number you see. Write the teen number in the other box.