Eureka Math

2nd Grade
Module 1
Lesson 8

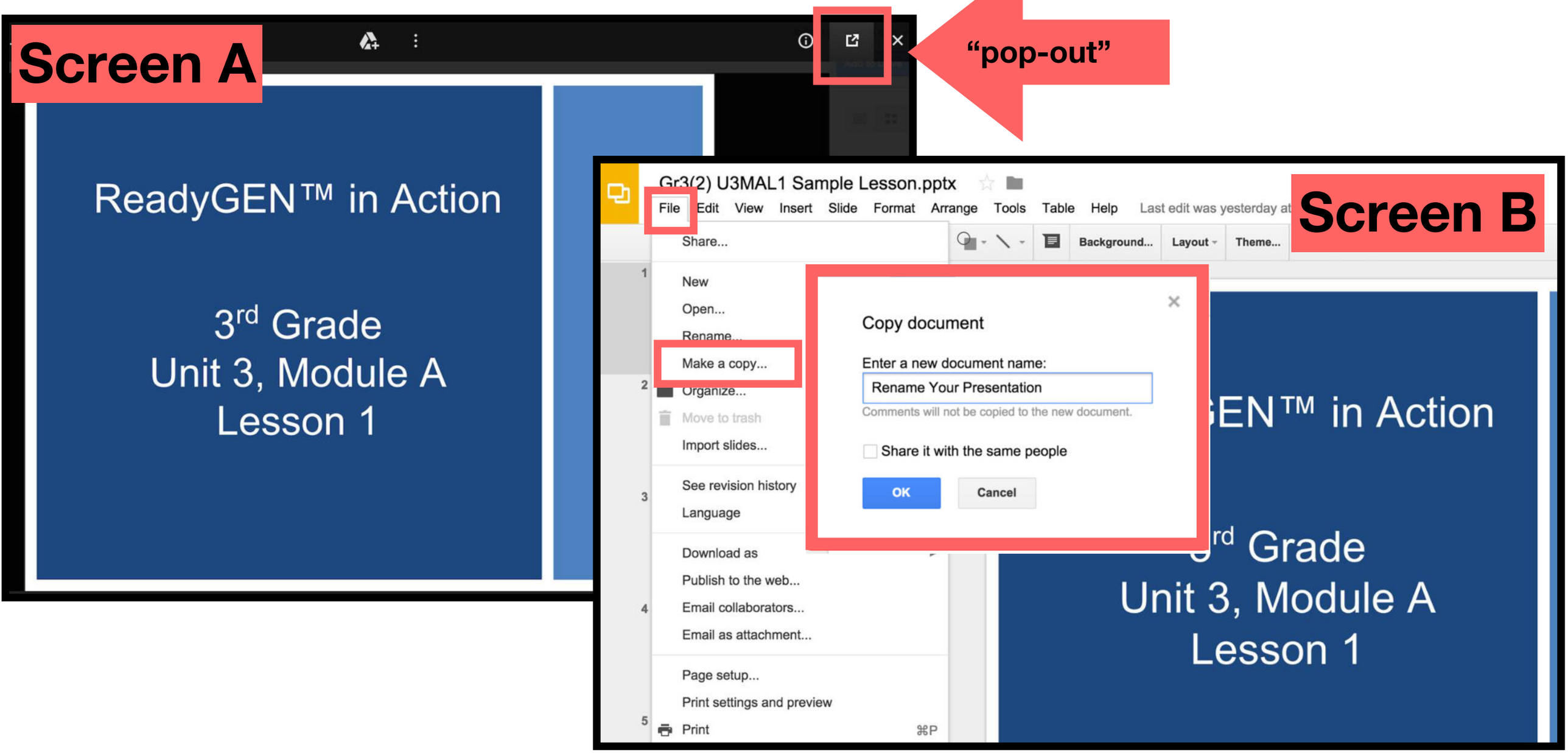
At the request of elementary teachers, a team of Bethel & Sumner educators met as a committee to create Eureka slideshow presentations. These presentations are not meant as a script, nor are they required to be used. Please customize as needed. Thank you to the many educators who contributed to this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

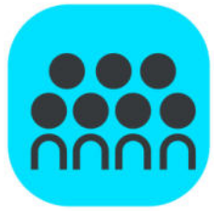
Personal White Board

Problem Set

Manipulatives Needed

Fluency

Think Pair Share



Whole Class

Individual

Partner

Small Group

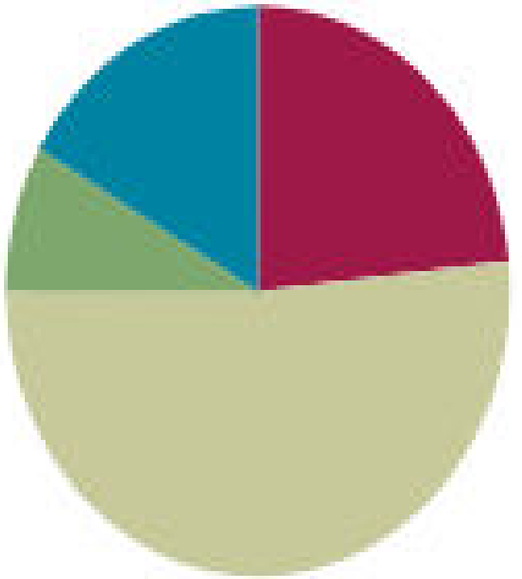
Small Group Time

Lesson 8

Objective: Take from 10 within 100.

Suggested Lesson Structure

Fluency Practice	(12 minutes)
Concept Development	(23 minutes)
Application Problem	(15 minutes)
Student Debrief	(10 minutes)
Total Time	**(60 minutes)**



Materials Needed:

Concept Development:

Fluency Practice:

- Personal White Board

I can Take from 10 within 100.

Take From a Ten or the Ones

When I show you the problem, you say take from the tens or take from the ones.

13 - 2

13 - 9

24 -1

24 - 9

16 - 2

32 - 1

21 - 9

15 - 6

16 - 6

18 - 8

13 - 8

Take Out Ten

30 - 7=

20 10

10 - 7 = 3

20 + 3 = 23

Take Out Ten

40 - 7=

30 10

10 - 7 = 3

30 + 5 = 35

Take Out Ten

50 - 5=

40 10

10 - 5 = 5

40 + 5 = 45

Take Out Ten

70 - 5 =

60 10

10 - 8 = 2

60 + 2 = 62

Take Out Ten

80 - 8 =

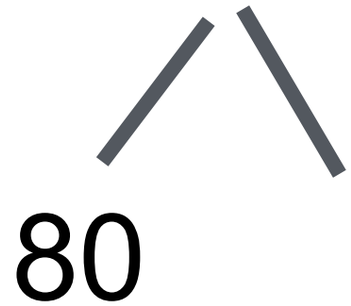
70 10

10 - 8 = 2

70 + 2 = 72

Take Out Ten

90 - 8 =



10 - 8 = 2

80 + 2 = 82

Concept Development

Jacob has 13 bouncy balls. He gives 8 of them to his friend Pete. How many bouncy balls does Jacob have left?

Talk to your partner. What number sentence could you use to solve?

What strategy did you use?

Using the take from ten strategy solve the problem on your white board.

Concept Development

Explain how you used the take ten strategy to solve.

$13 - 8 = 5$

$3 \quad 10$

$10 - 8 = 2$

$3 + 2 = 5$

Jacob has 13 bouncy balls. He gives 8 of them to his friend Pete. How many bouncy balls does Jacob have left?

What does the 5 mean in our story of Jacob and Pete?

Concept Development

Let’s pretend Jacob has 23 bouncy balls and shares 8 of them with Pete.
Work with your partner to see how many bouncy balls Jacob has left. Record your work on your white board.

$23 - 8 = \_\_\_\_$

$13 \quad 10$

$10 - 8 = 2$

$13 + 2 = 15$

Concept Development

Now solve 43 - 8.
Work with your partner to solve using the take from ten strategy.
Record your work on your white board.

$43 - 8 = \_\_\_\_$

$33 \quad 10$

$10 - 8 = 2$

$33 + 2 = 35$

Concept Development

15-7

14-9

25-7

24-9

55-7

64-9

Concept Development

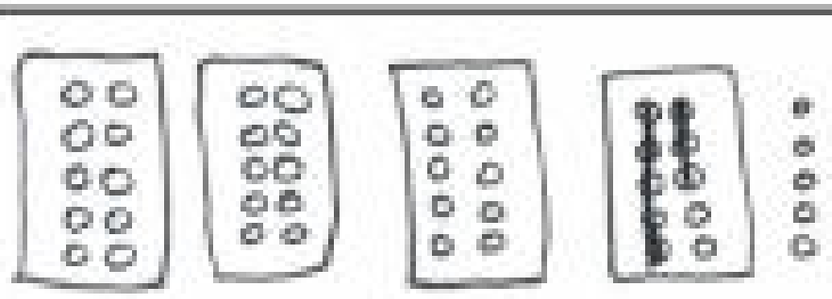
Turn and talk to you partner. What patterns did you notice when solving these problems?

Is taking from the ten and adding the parts that are left a pattern? Talk to your partner.

A pattern can be something you see, but it's also something we do again and again!

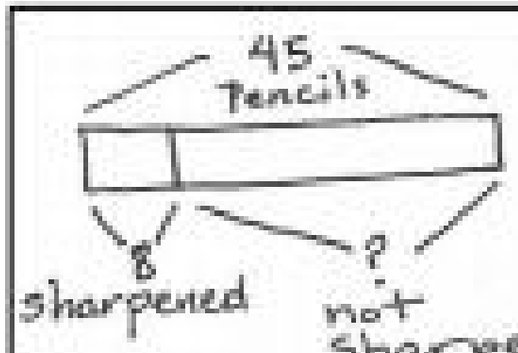
Application Problem

Emma has 45 pencils. Eight pencils are sharpened. How many pencils are not sharpened?



45 − 8 = 37

37 pencils are not sharpened.



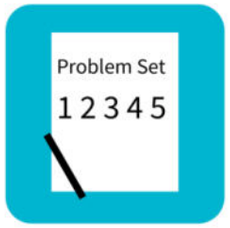
45 − 8 = 37

35 ^ 10

10 − 8 = 2

35 + 2 = 37

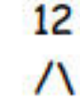
37 pencils are not sharpened.



Problem Set

Name _____ Date _____

1. Solve.

a. 12 - 9 = ____ 	b. 22 - 9 = ____	c. 42 - 9 = ____
d. 13 - 8 = ____	e. 23 - 8 = ____	f. 53 - 8 = ____

Debrief

- Look at problem 1. What patterns do you see? What did you do to solve?

- How did you solve problem 2?

- Can you remember the math goal of this lesson? What would be a good name for this lesson?

Exit Ticket

Name _____ Date _____

Solve.

1. 21 - 9 = _____	2. 34 - 8 = _____	3. 82 - 7 = _____